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Assessment of the radiological impact of the radioactive discharges from operation of 4 reactors NPP Mochovce

ANNEX 4.1

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Slovenské elektrárne, plc.
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The Assessment of the Radiological Impact of the Radioactive Discharges from Operation of 4 Reactors NPP Mochovce

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1st revision

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Annotation

Present report describes results of assessment of assumed radiological impact of radioactive discharges from normal operation and 100% achieved limit values for discharging of 4 reactors Mochovce Nuclear Power Plants on surrounding population.

Analysis of surrounding population dose load is based on real radioactive discharges into atmosphere and hydrosphere during year 2006 from operation Mochovce NPP units 1 and 2.

Limits for RAS discharge from operation of four reactors are assumed to be twice as high as limits for RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2.

Report also describes detail results of calculations of individual and collective effective and equivalent doses for the critical group. The calculations were done for 6 age categories, 6 body organs and the whole body and for 10 exposition pathways. It was also done the critical group, critical exposition pathway and critical radionuclide. The calculations include the region with 60km radius around Mochovce NPP with approximately 1.2 million inhabitants. Assessment of radiological impact was done by program RDEMO.

Tables with assumed values of radioactive discharges of 4 reactors Mochovce NPP for 2007 and 2008 years, derived on the base of measured values from operation Mochovce units 1 and 2, are added in 1st revision. Results of the assessment of assumed radiological impact on surrounding for these years are also present.

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List of used abbreviations

NPP - nuclear power plant
SE-EMO - Slovenské elektrárne plc., plant NPP Mochovce
ID - individual dose
IED - individual effective dose
NF - nuclear facility
CED - collective effective dose
ra- - radioactive
RAS - radioactive substances
RDEMO - Annual doses of NPP Mochovce
RNG - radioactive noble gases

1. Introduction

This report contains results of assessment of assumed radiological impact of discharge of radioactive substances (RAS) from normal operation and at assumed 100% reached limit values for RAS discharges from four reactors installed in the nuclear power plant Mochovce on surrounding population.

Assessment of radiological impact was preformed using the program RDEMO © VUJE Trnava, a.s.

Analysis of dose load of surrounding population was performed based on real RAS discharges into atmosphere and hydrosphere during year 2006 from operated NPP Mochovce units 1 and 2 (SE-EMO).

Report describes calculation results of annual individual effective and equivalent doses for individual form the critical population group and 50 (70)-year bonds of effective and equivalent collective doses for the critical group and the whole region. Calculates are done for six age categories, for six body organs and the whole body and for 10 exposition pathways with determination of critical population group, critical exposition pathway and critical radio nuclides.

Calculations include region with 60km radius form NPP Mochovce with total population approx. 1.2mil.

Tables with assumed values of radioactive discharges of 4 reactors Mochovce NPP for 2007 and 2008 years, derived on the base of measured values from operation Mochovce units 1 and 2, are added in 1st revision. Results of the assessment of assumed radiological impact on surrounding for these years are also present.

2. Program RDEMO

2.1 Program description

Program set RDEMO includes programs for preparation of input data files, calculation programs and programs for graphic and printed outputs with individual programs following from each other and outputs from one program form inputs for the next program.

Program enables calculation of annual individual effective and equivalent doses or 50(70)-year doses of collective effective and equivalent doses for six age categories (0 – 1, 1 – 2, 2 – 7, 7 – 12, 12 – 17, more than 17) for six calculated body organs (gonads, bone marrow, lungs, thyroid gland, alimentary tract and skin) and for the whole body for ten radiation pathways (**from atmosphere**: external radiation: caused by the cloud, deposit; internal radiation caused by: inhalation from the cloud, ingestion of food contaminated by atmospheric fall-out; **from hydrosphere**: external radiation: at swimming and sailing, caused by contaminated bank sediments, caused by stay on irrigated land; internal radiation: caused by ingestion of contaminated potable water, ingestion of contaminated fish, ingestion of food contaminated y irrigations). Program also counts 50(70)-year bonds of collective effective doses for all zones – regional doses.

Program determines the critical population group (critical zone), critical radiation pathway and critical radio nuclides for individual radiation pathways and total for atmosphere and hydrosphere including contributions by individual radio nuclides.

Area with 60km radius form NPP Mochovce is divided to 192 zones (0 – 1, 1 – 2, 2 – 3, 3 – 5, 5 – 7, 7 – 10, 10 – 15, 15 – 20, 20 – 30, 30 – 40, 40 – 50, 50 – 60km; direction N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW W, WNW, NW, NNW). Zone numbering used for the whole region is shown on figure 3.1.

2.2 Input data

Calculation requires large amount of input data contained in databases in form of input data files. Databases contain data characterizing affected data within 60km range, i.e.:

- Demographic data (population distribution according to census in year 1991);
- Data regarding production and consumption of agricultural and food products and their distribution (data based on agricultural production and statistic consumption for year 1994);
- Hydrologic parameters of the river Hron;
- Geographic data of NPP Mochovce surroundings (terrain buckling, sea elevations for individual calculation points);
- Radio nuclide library (data characterizing individual radio nuclides);
- Various coefficients (conversion effective and equivalent dose factors for six age categories, age corrections, concentration factors, transition coefficients, effective settling velocities, wash-out coefficients by precipitations, coefficients for removal form surface, breathing rhythm, duration of stay on contaminated land, etc.);
- RAS discharge to atmosphere and hydrosphere;
- Meteorological data (wind direction and velocity, stability category, intensity of precipitations);

2.2.1 Input data used for calculation of radiological impact from normal operation

Calculation used data of RAS discharged from operation of NPP Mochovce units 1 and 2 in year 2006. These discharge data are order comparable with data form the last operational years with regard to discharged activity or radio nuclide composition. RAS discharges from operation of units 3 and 4 are assumed to be on the same level. Balance data of discharged activity for individual radio nuclides were extrapolated to doubled value of current discharges from operation of NPP Mochovce units 1 and 2 (due to increased amount of reactors from two to four) and then used in calculation – list of radio nuclides and their activities is given in table 3.1.

Values of RAS discharges for 2007 and 2008 years for 4 reactors were also doubled on the base of this assumption. These values are presented in tables 3.1a and 3.1b. The comparison values from tables 3.1, 3.1a and 3.1b shows good agreement between values. It means that it need not do completely recalculation of impact of RAS discharges for 4 reactors by RDEMO program for 2007 and 2008 years. It is sufficient to use exist calculated values for 2006 year.

RDEMO input databases for 2007 and 2008 years were actualized due to changes in national legislation. Since 2007 year these radionuclides ^{46}Sc, ^{75}Se, ^{122}Sb, ^{181}Hf were permanent measured and taken into balances according to healthy state authority decision. Iodine ^{133}I was also permanent measured since 2007 year. New values of applied potable water for individual age category were used since 2007 year. Average annual value of water flow in Hron during discharge of inspection tanks containing tritium were actualized every year. Impacts of these changes on calculation of effective dose for individual from the critical group are described in annual radiation safety reports [7], [8].

Gaseous radioactive substances were discharged from the main production units to atmosphere via a vent stack 150m high. Volume of discharged air via vent stack was obtained by measuring of outputs and blowers operation time in HVAC systems. Tritium values were obtained by laboratory evaluation using liquid scintillation spectrometer of samples trapped in silica gel. Data of noble gases were obtained from measurements of the noble gas monitor SB 150. Values for iodine ^{131}I – gaseous form – were obtained using gamma spectrometry analysis of active coal from weekly sample of large-volume iodine cartridge. Radio isotopic composition

of aerosols was determined from gamma spectrometry analysis of large-area aerosol filters extracted in weekly intervals form large-volume extraction equipment. Strontium values were obtained using laboratory radio chemical analysis; values for aerosols – alpha – were obtained using alpha spectrometry analysis from quarterly sample of aerosol filters. Activity of individual radio nuclides from noble gases was calculated as percentage share on values measured by the noble gas monitor SB 150 in the following ratio: ^{41}Ar (53.2 %), ^{85}Kr (1.9 %), ^{85m}Kr (1.1 %), ^{87}Kr (3.8 %), ^{88}Kr (3.6 %), ^{131m}Xe (18.1 %), ^{133}Xe (5.5 %), ^{133m}Xe (3.4 %), ^{135}Xe (9.4 %). Due to no direct measuring of radio carbon ^{14}C in gaseous discharges from SE-EMO, extrapolated data were used (standardized with regard to produced electricity and operational hours) from NPP Bohunice V2 so that resulting discharge for SE-EMO was determined 11.8GBq in form of CO_2 and 225.8GBq in form of carbohydrates.

New own sampler for sampling radiocarbon ^{14}C was used for balancing radiocarbon since 2007 year. These samples were measured in Laboratories of Off-site radiation monitoring. The comparison of own measured values for 2007 and 2008 years shows good agreement with used extrapolated values from Bohunice NPP for 2006 year [1], [7], [8].

Liquid radioactive substances were discharged to hydrosphere, i.e., via a piping collector to the river Hron below the water-gate of the dam at Kozmálovce (river kilometer 75.4). The river was used for recreational purposes and for irrigation, too. Average annual value of water flow in Hron during discharge of inspection tanks containing tritium, was 37.9m^3/s. List of radio nuclides and their activities is given in table 3.1, too. Total volume of discharged water was obtained by monitoring of discharged water from inspection tanks of the following systems: Wastewater treatment station, Operational building, Unit condensate treatment and Purification station of SG continuous blowdown. Tritium values were obtained by laboratory evaluation using liquid scintillation spectrometer of samples extracted from the inspection tanks of the wastewater treatment plant system prior to their emptying. Tritium values from operational building were obtained by similar measuring of monthly poured sample. Radio isotopic composition was determined by obtaining of data, corrosion and fission products – gamma – from gamma spectrometric analysis of monthly poured concentrated samples. Strontium values ^{89}Sr, ^{90}Sr were obtained using laboratory radio chemical analysis and trans-uranium values were obtained using radio chemical separation and alpha spectrometry analysis of quarterly poured concentrated sample.

Measuring instruments used for above mentioned measurements are determined measuring instruments liable to regular metrology calibration and verification.

Data of meteorological situation in location NPP Mochovce for year 2006 were obtained from the Slovak hydro-meteorological institute, workplace Mochovce. The wind rose, i.e., direction of predominating winds is shown on fig. 3.2. Wind rose values and other meteorological parameters entering the calculation aren't statistically significantly different from other year in location NPP Mochovce and there is no assumption for their significant deviation from weather parameters in the future at operation of units 3 and 4 in NPP Mochovce.

Data of meteorological situation in location NPP Mochovce were obtained from own meteorological station located in Mochovce area since 2007 year. Wind direction, wind velocity and category of stability were taken from system SODAR 150 meter high level (high of ventilation stack). Rainfall was taken from precipitation-gage station. The comparison both wind rose and statistical meteorological parameters of single meteorological database for 2006 and 2007 years shows good agreement [7].

2.2.2 Input data used for calculation of radiological impact at reached 100% limit values for discharges

Annual balance limit values for RAS discharges for four reactors installed in the nuclear power plant Mochovce were assumed as double values compared with currently valid limit values for operation of NPP Mochovce units 1 and 2. Their list and assumed limits are given in table 4.1.

RAS discharges assumed uniform RAS leakage throughout the whole year. It didn't consider so called short-time alternatives of RAS discharge, i.e., that substantial portion of RAS (e.g., 95%) would be discharged within a short time period (e.g., one week) with the remaining portion being discharged during the rest of year (5%). No alternatives were also assumed for RAS discharge regarding above- design radiation accidents, i.e., accidents connected with above-limit damaging of fuel element coverage or melting of the core.

It can be assumed that during normal operation at tight coverage of all fuel elements of four reactors it's impossible to reach RAS discharged on 100% level of limit values for RAS discharge. Therefore, in order to reach RAS discharge on 100% level of limit values it's necessary to assume partial damaging of fuel elements coverage in one or several reactors at the same time while permitting safe NPP operation in compliance with valid operational limits and conditions. Therefore, possibilities of other radio nuclides detection in discharges were assessed under these conditions including their possible discharged activity. Analysis showed probable identification of other radio nuclides in discharges; however, these wouldn't be included into the balance due to not meeting criteria for their balancing. E.g., RNG would probably disclose the following radio nuclides with short lifetime: ^{89}Kr, ^{90}Kr, ^{137}Xe, ^{138}Xe. However, due to their short half-life period (seconds and minutes) they weren't considered in annual volumes due to assumed balanced RAS discharged throughout the whole year. Situation is similar for radioactive aerosols where only barium ^{140}Ba would be included meeting the half-life period 8 days.

ATMOSPHERE

Input data for RAS discharges to atmosphere are given in table 4.2.

Aerosols (with half-life exceeding 8 days; except for ^{131}I) – limit discharge 3.4x10^{11}Bq was divided in ration of percentage share of individual radio nuclides on aerosol discharge from SE-EMO for year 2006. These radio nuclides were added by radio nuclide ^{140}Ba which is likely to be monitored on 100% level of limit drawing for aerosols.

Iodine ^{131}I (gaseous and aerosol form) – discharge calculated on limit value level 1.34x10^{11}Bq – divided in proportion 5.7 % for iodine ^{131}I- aerosol and 94.3 % for iodine ^{131}I- gas based on proportion of given elements measured in the vent stack of SE-EMO in year 2006.

Radioactive noble gases (any mixture) – limit discharge 8.2x10^{15}Bq was divided in proportion of percentage share of individual radio nuclides on RNG discharge from SE-EMO for year 2006. Argon ^{41}Ar is neutron-activated radio nuclide; therefore, there is no reason to assume its growth at increased RNG discharges on 100% level of limit drawing; thus, its discharge was calculated on double level of SE-EMO balance for year 2006.

Tritium – discharge calculated double level of SE-EMO balance for year 2006.

Radio carbon ^{14}C (organic and inorganic form) – discharge was calculated on double level of SE-EMO balance for year 2006.

HYDROSPHERE

Input data for RAS discharges into hydrosphere are given in table 4.2.

Tritium – discharge calculated on limit level 2.4x10^{13}Bq;

Other radio nuclides (activated corrosion products, fission products and trans-uranium) – limit discharge 2.2x10^{9}Bq was divided in proportion of share of individual radio nuclides on discharge of corrosion and fission products and trans-uranium from SE-EMO for year 2006.

OTHER DATA

Other input data for calculation were identical with data for calculation of radiological impact of normal operation.

2.3 Description of mathematic model

Mathematic description of RAS transfer on humans and calculation of doses uses compartment model using "concentration coefficient" method. This method is based on assumed balance of activities in individual mutually bound environmental elements. The following radiation pathways and transfer of radioactive substances into human are considered: atmosphere, hydrosphere and food chains. Calculation of RAS spreading in atmosphere uses relationships from the Gauss model of atmospheric diffusion with horizontal diffusion parameter averaged to the width of wing direction sector. Diffusion parameters were used from the atmosphere stability categorization according to Paquill – Uhlig. The atmosphere stability category should be determined on the basis of measurement of thermal gradients or fluctuations of wind direction. Only surface waters are considered for calculation of RAS transfer in hydrosphere.

During recent operation of SE-EMO, no radioactivity has ever been detected in underground waters in this location as result of SE-EMO operation.

Calculation of RAS transfer via food chains uses the concentration coefficients method subject to balanced concentration of RAS in environmental elements. Only Cs transfer to port uses dynamic model. Input parameters for calculation consist of data characteristic for the NI installation location and in case of their absence – data characteristic for NI installation region.

Assumed radiation pathways for external and internal radiation of human and calculation system of equivalent doses caused by external and internal radiation are given in figures 3.3 and 3.4.

2.4 Dose calculation method

2.4.1 Calculation method of annual individual doses, dose bonds and 50(70)-year bonds of individual doses

Equivalent dose caused by external radiation or dose bond from internal radiation H_T, [Sv] is calculated:

$$H_T = \sum_R w_R \; D_{T,R}$$

Where:

$D_{T,R}$ - absorbed dose from radiation R in organ T *[Gy]*;

w_R - radiation weight factor;

***Effective dose from external radiation or dose bond from internal radiation H_E**, [Sv]* is determined as sum of multiplications of equivalent dose H_T and *tissue weight factor* w_T in all body tissues and organs. Effective dose enables local or partial expression of body radiation as equivalent of balanced whole-body radiation, thus enabling quantification of bodily injury.

Effective dose H_E, *[Sv]* is calculated:

$$H_E = \sum_T w_T \; H_T$$

Where:

H_T - equivalent dose in tissue or organ *T [Sv]*;

w_T - tissue weight factor;

50(70)-year bond of equivalent dose $H_{T,50(70)}$, or effective dose $H_{E,50(70)}$ is defined as time integral of equivalent or effective dose input with integration boundaries given by assumed duration of population around the NPP, i.e., 50 years for adults and 70 years for children.

50(70)-year bond of equivalent dose $H_{T,50(70)}$ in tissue *T [Sv]*:

$$H_{T,50(70)} = \int_0^{50(70)} H_T(t)dt$$

50(70)-year bond of effective dose $H_{E,50(70)}$, *[Sv]*:

$$H_{E,50(70)} = \int_0^{50(70)} H_E(t)dt$$

Effective or equivalent dose (bond for internal radiation) for organ or tissue *j* for individual of given age category *a* is calculated as sum of doses caused by various radio nuclides *r* and radiation pathways *p:*

$$H^{a,j} = \sum_p \sum_r H_p^{a,r,j}$$

Where:

$H_p^{a,r,j}$ - effective or equivalent dose (bond for internal radiation) on organ or tissue *j* of individual of given category *a* caused by nuclide *r* via pathway *p [Sv]*;

The following section describing calculation method for individual doses from radiations for given period, uses the following indicators: ***r***-radio nuclide, ***j***-organ or tissue, ***a***- age category, ***p***-transfer pathway, ***i*** – wind direction sector, ***k***- zone.

DOSES FROM ATMOSPHERE

External radiation caused by the cloud for an organ or tissue *j* (except for skin) is calculated:

$$H_{A1}^{r,j} = Q^r \, \overline{\chi}_{\gamma i}^{r}(x,\theta) R_{A\gamma}^{r,j} Sf_m$$

Dose from the cloud for skin is determined in the following way:

$$H_{A1}^{r,j} = Q^r \, [\, \overline{\chi}_{\gamma i}^{r}(x,\theta) \, R_{A\gamma}^{r,j} + \overline{\chi}_{i}^{r}(x,\theta) \, R_{A\beta}^{r,j} \,] \, Sf_m$$

Where:

$H_{A1}^{r,j}$ - effective or equivalent annual dose on organ or tissue *j* caused by radio nuclide *r* by radiation from the cloud in distance *x* from the source in wind direction sector *i*, or 50(70)-year bond ID *[Sv]*;

Q^r - radio nuclide discharge *r* for given period *[Bq]*;

$\overline{\chi}_i^r(x,\theta)$ - long-term factor of radio nuclide volume activity dilution *r* in the air in distance *x* from the source in sector *i* with width θ, $[s\ m^{-3}]$;

$\overline{\chi}_{\gamma i}^r(x,\theta)$ - long-term factor of gamma dose from the radio nuclide cloud *r* in the air in distance *x* from the source in sector *i* with width θ $[s\ m^{-3}]$;

$R_{A\gamma}^{r,j}, R_{A\beta}^{r,j}$ - dose factors for gamma or beta sin radiation for radio nuclide *r* and organ or tissue *j* $[Sv\ m^3\ Bq^{-1}s^{-1}]$;

Sf_m - screening factor of buildings for the cloud is 0.5;

External radiation caused by contaminated earth surface is calculated:

$$H_{A2}^{r,j} = Q^r\ [\overline{F}_i^r(x,\theta) + \overline{W}_i^r(x,\theta)]R_S^{r,j} Sf_d K^r$$

Where:

$H_{A2}^{r,j}$ - effective or equivalent dose for organ or tissue *j* caused by radio nuclide *r* by radiation from contaminated earth surface annual (when t_b = 1year) or 50(70)-year bound ID (when t_b equals to 50(70) years) *[Sv]*;

Q^r - radio active nuclide *r* discharge for given period *[Bq]*;

$\overline{F}_i^r(x,\theta)$ - long-term dry settling factor or

$\overline{W}_i^r(x,\theta)$ - admixture washing-out by precipitations $[m^{-2}]$;

$R_S^{r,j}$ - dose factor for external radiation from deposit, for radionuclide *r* and organ or tissue *j* $[Sv\ m^2\ Bq^{-1}\ s^{-1}]$;

Sf_d - screening factor of buildings for deposit (0.5);

$$K^r = \frac{1 - e^{-\lambda_{ef} t}}{\lambda_{ef}}; \quad \lambda_{ef} = \lambda_r + \lambda_o$$

λ_r and λ_o - decay constant or radio nuclide removal speed from the soil $[s^{-1}]$;

t - time *[s]*: 1 year in case of annual doses, 50(70) years in case of 50(70)-year bond of the ID bond;

Internal radiation at inhalation is calculated:

$$H_{A3}^{a,r,j} = Q^r \{ \overline{\chi}_i^r(x,\theta) + [\overline{F}_i^r(x,\theta) + \overline{W}_i^r(x,\theta)] K^r \} R_{inh}^{a,r,j} U^a$$

Where:

$H_{A3}^{a,r,j}$ - bond of effective or equivalent dose for organ or tissue *j* of individual in age category *a* caused by radio nuclide *r* by internal radiation at inhalation, from annual dose (if *t* equals 1 year), or 50(70)-year ID bond for the duration of stay (in case that *t* equals 50(70) years) *[Sv]*;

Q^r - radio nuclides discharge *r* for given period *[Bq]*;

$\overline{\chi}_i^r(x,\theta)$ - long-term volume activity dilution factor *[s m^{-3}]*;

$\overline{F}_i^r(x,\theta)$ - long-term dry settling factor or

$\overline{W}_i^r(x,\theta)$ - long-term factor of admixture wash-out by precipitations *[m^{-2}]*;

$$K^r = \frac{10^{-5}(1-e^{-(\lambda_1+\lambda_{ef})t})}{\lambda_1+\lambda_{ef}} + \frac{10^{-9}(1-e^{-(\lambda_2+\lambda_{ef})t})}{\lambda_2+\lambda_{ef}}$$

$$\lambda_{ef} = \lambda_r + \lambda_o$$

λ_r a λ_o - decay constant of velocity of radio nuclides removal from the soil *[s^{-1}]*;

t - time *[s]* = 1 year in case of annual doses or 50(70) years in case of 50(70)-year ID bond;

$R_{inh}^{a,r,j}$ - effective or equivalent dose bond from unit intake of radio nuclide *r* by inhalation counted from the intake year till the end of life *[Sv Bq^{-1}]*;

U^a - breathing rhythm *[m^3 s^{-1}]*;

This equation include re-suspension contribution to the bond or to 50(70)-year bond of effective and equivalent dose, where λ_1 = 1.2x10^{-2} [day^{-1}], or λ_2 = 2x10^{-5} [day^{-1}] represents short- or long-time velocity of radio nuclide removal from the earth surface and 10^{-5} and 10^{-9} are re-suspension coefficients *[m^{-1}]*.

Internal radiation caused by ingestion of agricultural products contaminated by atmospheric fall-out is calculated:

$$H_{A4}^{a,r,j} = A_{A4}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{A4}^{a,r,j}$ - **bond or 50(70)-year bond** of effective ore equivalent dose for body organ or tissue *j* of individual from the age category *a* caused by radio nuclide *r* at ingestion of agricultural products as portion of relevant (annual or 50(70)-year intake *[Sv]*;

$A_{A4}^{a,r}$ - **intake** radio nuclide *r* with agricultural products for individual of the age category *a* *[Bq]*;

$R_{ing}^{a,r,j}$ - bond of effective or equivalent dose as portion of unit nuclide intake *r* by ingestion *[Sv Bq^{-1}]*;

$$A_{A4}^{a,r} = \sum_n Q^r(t_n)\left[\overline{F}_i^r(x,\theta,t_n) + \overline{W}_i^r(x,\theta,t_n)\right] A_{A45}^{a,r,n}$$

$A_{A45}^{a,r,n}$ - time integral of radio nuclide *r* intake in food in case of dose bonds or for duration of stay - 50(70) years in case of 50(70)-year bond ID - *[m^2]* as intake portion of monthly or weekly fall-out;

$Q^r(t_n)$ – radio nuclide *r* discharge in month or week *n [Bq]*;

$\overline{F}_i^r(x,\theta,t_n)$ - long-term dry settling factor or

$\overline{W}_i^r(x,\theta,t_n)$ - long-term admixture wash-out factor by precipitations *[m^{-2}]*;

DOSES FROM HYDROSHPERE

External radiation at swimming or sailing is calculated:

$$H_{V1}^{r,j} = C_{DV}^r g_1 U_{V1} R_V^{r,j}$$

Where:

$H_{V1}^{r,j}$ - effective or equivalent dose for body organ or tissue *j* caused by radio nuclide *r* at swimming or sailing – annual or 50(70)-year bond ID *[Sv]*;

C_{DV}^r - volume activity of radio nuclide *r* in water *[Bq.l^{-1}]*;

g_1 - geometric radiation factor: for diving = 1, for sailing = 0.5;

U_{V1} - swimming or sailing duration *[s]*;

$R_V^{r,j}$ - dose radiation factor from water for radio nuclide *r* and body organ or tissue *j [Sv.l.Bq^{-1}.s^{-1}]*;

External radiation caused by sediments and at stay on the beach is calculated:

$$H_{V2}^{r,j} = C_{V22}^r g_2 U_{V2} R_S^{r,j}$$

Where:

$H_{V2}^{r,j}$ - effective or equivalent dose for body organ or tissue *j* caused by radio nuclide *r* at stay on the beach or on sediments – annual or 50(70)-year bond ID *[Sv]*;

C_{V22}^r - area activity or radio nuclide *r* in sediments *[Bq.m^{-2}]*;

g_2 - geometric radiation factor: on the sediments surface = 1; on the beach = 0.2;

U_{V2} - duration of stay on the beach *[s]*;

$R_S^{r,j}$ - dose radiation factor caused by contaminated earth surface *[Sv.m^2.Bq^{-1}.s^{-1}]*;

External radiation at stay on irrigated land is calculated:

$$H_{V5}^{r,j} = C_{V52}^{r}\, U_{V5} R_S^{r,j} K^r$$

$$K^r = \frac{1 - e^{-\lambda_{ef} t}}{3{,}15x10^7\, \lambda_{ef}}; \quad \lambda_{ef} = \lambda_r + \lambda_o$$

Where:

$H_{V5}^{r,j}$ - effective or equivalent dose for body organ or tissue *j* caused by radio nuclide *r* at swimming or sailing – annual or 50(70)-year bond ID *[Sv]*;

C_{V52}^{r} - - area activity or radio nuclide *r* on irrigated land *[Bq.m^{-2}]*;

U_{V5} - duration of stay on irrigated land *[s]*;

$R_S^{r,j}$ - dose radiation factor from contaminated earth surface *[Sv.m^2.Bq^{-1}.s^{-1}]*;

λ_r a λ_o - decay constant or velocity of radio nuclides removal from the soil *[s^{-1}]*;

t – time *[s]*: 1 year in case of annual doses; 50(70) years in case of 50(70)-year ID bond;

Internal radiation caused by ingestion of potable water is calculated:

$$H_{V9}^{a,r,j} = A_{V9}^{a,r} R_{ing}^{a,r,j}$$

Where:

$H_{V9}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue *j* of individual of the age category *a* caused by radio nuclide *r* by internal radiation at ingestion of contaminated potable water - of annual intake or 50(70)-year ID bond *[Sv]*;

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide *r* on body organ or tissue *j* of individual of age category *a [Sv.Bq^{-1}]*;

$A_{V9}^{a,r}$ - annual intake of radio nuclide with potable water *[Bq]*;

$$A_{V9}^{a,r} = C_{V91}^{r}\, U_{V9}^{a}$$

Where:

C_{V91}^{r} - volume radio nuclide activity in potable water *[Bq.l^{-1}]*;

U_{V9}^{a} - annual potable water consumption by individual *[l]*;

Internal radiation caused by ingestion of fish is calculated:

$$H_{V4}^{a,r,j} = A_{V4}^{a,r}\, R_{ing}^{a,r,j}$$

Where:

$H_{V4}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue *j* of individual of the age category *a* caused by radio nuclide *r* by internal radiation at ingestion of contaminated fish - annual intake or 50(70)-year ID bond *[Sv]*;

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide *r* on body organ or tissue *j* of individual of age category *a* $[Sv.Bq^{-1}]$;

$A_{V4}^{a,r}$ - annual intake of radio nuclide *r* with fish meat *[Bq]*;

$$A_{V4}^{a,r} = C_{V45}^{r}\, U_{V4}^{a}$$

C_{V45}^{r} - volume radio nuclide activity *r* in fish meat $[Bq.kg^{-1}]$;

$$C_{V45}^{r} = T_{V00,45}^{r}\, C_{DX}^{r}$$

$T_{V00,45}^{r}$ - coefficient of radio nuclide *r* transfer from water to fish meat $[Bq.kg^{-1}/Bq.l^{-1}]$;

C_{DX}^{r} - volume radio nuclide activity *r* in water $[Bq.l^{-1}]$;

U_{V4}^{a} - annual consumption of fish meat by individual *[kg]*;

Internal radiation caused by ingestion of meat (milk) of animals fed with contaminated water is calculated:

$$H_{VY}^{a,r,j} = A_{VY}^{a,r}\, R_{ing}^{a,r,j}$$

Where:

$H_{VY}^{a,r,j}$ - effective or equivalent dose bond on body organ or tissue *j* of individual of the age category *a* caused by radio nuclide *r* by internal radiation at ingestion of meat (milk) of animals fed with contaminated water - annual intake or 50(70)-year ID bond *[Sv]*;

$A_{VY}^{a,r}$ - annual intake of radio nuclide *r* with meat (milk) *[Bq]*;

Y=7 meat, Y=8 milk;

$R_{ing}^{a,r,j}$ - effective or equivalent bond dose as portion of unit intake of radio nuclide *r* on body organ or tissue *j* of individual of age category *a* $[Sv.Bq^{-1}]$;

$$A_{VY}^{a,r} = C_{VY5}^{r}\, U_{VY}^{a}$$

Where:

C^r_{VY5} - mass radio nuclide *r* activity in meat (milk) *[Bq.kg^{-1}]*, (*[Bq.l^{-1}]*);

U^a_{VY} - annual consumption of meat (milk) by individual *[kg]* (*[l]*);

Mass activity of radioactive substances in meat (milk) is determined by the following formula:

$$C^r_{VY5} = T^r_{V00,Y5}\, L_Z C^r_{DX}$$

Where:

C^r_{VY5} - mass radio nuclide *r* activity in meat (milk) *[Bq.kg^{-1}]*, (*[Bq.l^{-1}]*),

$T^r_{V00,Y5}$ - coefficient of radio nuclide *r* transfer from water to meat (milk) *[Bq.kg^{-1}/Bq.day^{-1}]*, (*[Bq.l^{-1}/Bq.day^{-1}]*),

L_Z - water consumption by animals *[l.day^{-1}]*,

Z=7 service water, Z=8 potable water;

C^r_{DX} - volume radio nuclide *r* activity in water *[Bq.l^{-1}]*;

Formulas are used for calculation of doses from meat and milk ingestion from animals fed by contaminated water – service and potable; however, it's necessary to use relevant meat, milk, service and potable water consumption and relevant transfer coefficients! Calculated dose values are added to doses caused by ingestion of meat or milk of animals eating food contaminated by irrigations.

Internal radiation caused by agricultural products contaminated by irrigation is determined using the same formulas as internal radiation caused by ingestion of food contaminated by atmospheric fall-out using the following formula:

$$C^r_V = C^r_{DX} I_5 t_5$$

Where:

C^r_V - monthly or weekly fall-out from irrigation *[Bq.m^{-2}]*;

C^r_{DX} - volume radio nuclide *r* activity in water *[Bq.l^{-1}]*;

I_5 - irrigation intensity *[l.m^{-2}.s^{-1}]*;

t_5 - irrigation duration *[s]*;

Volume activity of ^{3}H in plants contaminated by irrigation is calculated:

$$C^{^3H}_{V63} = C^{^3H}_{DX} S_n$$

Where:

$C^{^3H}_{DX}$ - volume activity of ^{3}H in water *[Bq.l^{-1}]*;

S_n - average water content in plants *[l.kg^{-1}]*, (0.751);

2.4.2 Calculation method for collective doses

50(70)-year bond of collective effective or equivalent dose S^c is a time integral of collective effective or equivalent dose input in given body organ or tissue for time spent in the location – i.e., 50 years for adults and 70 years for children:

$$S^c_{50(70)} = \sum_i \sum_k N(x_i,\theta_k) \int_0^{50(70)} \dot{H}(x_i,\theta_k,t)\, dt$$

Where:

$N(x_i,\theta_k)$ - population in given zone;

$\dot{H}(x_i,\theta_k,t)$ - effective or equivalent dose input in given zone with limits determined by distance i and sector k with width θ_k. $[Sv\ s^{-1}]$;

50(70)-year bond of collective effective or equivalent dose is defined as integral of multiplication of average doses in radiated sub-population and number of radiated persons. For external radiation from atmosphere, hydrosphere, internal radiation from inhalation, ingestion of contaminated food and ingestion of potable water and fish it's calculated using the following formula:

$$S^j_{50(70)} = \sum_i S^j_{i50(70)} = \sum_i \sum_a S^{a,j}_{i50(70)} = \sum_i \sum_a \sum_k S^{a,j}_{i,k50(70)}$$

Where:

$S^j_{50(70)}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population living around the NPP *[Sv]*;

$S^j_{i50(70)}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population living in sector i *[Sv]*;

$S^{a,j}_{i50(70)}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for population a living in sector i *[Sv]*;

$S^{a,j}_{i,k50(70)}$ - 50(70)- year bond of effective or equivalent dose for organ or tissue j for population a living in zone k of sector i *[Sv]*;

$$S^{a,j}_{i,k\,50(70)} = H^{a,j}_{i,k\,50(70)}\, f^a_{i,k} P_i$$

Where:

$H^{a,j}_{i,k50(70)}$ - 50(70)-year bond of effective or equivalent dose for organ or tissue j for individual of age category a in zone k of sector i *[Sv]*;

$f^a_{i,k}$ - population portion living in zone k of sector i belonging to age category a;

P_i - population in sector i;

50(70)-year bond of individual effective or equivalent dose on body organ or tissue *j* for individual of age category *a* in zone *k* of sector *i [Sv]* is determined according to formulas given in sections DOSES FROM ATMOSPHERE and DOSES FROM HYDROSHPERE above with their time integration from 0 to 50 years (adults) or from 0 to 70 years (infants).

2.5 Spreading of RAS in atmosphere

For continuous spot source, average volume activity (concentration) of radio nuclide *r* in point (x,y,z) of angular coordinate system oriented so that axis x is identical with the wind direction is determined by the following formula according to straight Gauss spreading model in ground atmosphere layer:

$$C^r(x,y,z) = \frac{Q^r}{2\pi\sigma_y\sigma_z\bar{u}} \exp\left[-\frac{y^2}{2\sigma_y^2}\right] . \{\exp\left[-\frac{(z-h_{ef})^2}{2\sigma_z^2}\right] + \\ + \exp\left[-\frac{(z+h_{ef})^2}{2\sigma_z^2}\right]\}$$

Where:

$C^r(x,y,z)$ - radio nuclide *r* concentration in the wind direction in point *(x,y,z)*, *[Bq m^{-3}]*;

x - distance from source in the wind direction *[m]*;

y - distance from the cloud axis *[m]*;

z - distance from the earth surface *[m]*;

Q^r - intensity of continuous source of radio nuclide *r [Bq s^{-1}]*;

σ_y, σ_z - horizontal and vertical dispersion parameter *[m]*;

$\bar{u}$ - average wind velocity *[m s^{-1}]*;

h_{ef} - effective drag height *[m]*;

2.6 Spreading of RAS in water environment

Calculation of volume activities if RAS discharged in water environment considers only RAS discharge to surface water.

Average volume activity of radio nuclides discharged to flowing water (rivers) for given period (year, month, week) is calculated:

$$\overline{C}^r_{DV}(x) = \frac{A^r}{3{,}15\times10^{10}\,\overline{Q}_0}\,\bar{f}_v e^{-\lambda\frac{x}{\bar{v}}}$$

Where:

$\overline{C}^r_{DV}(x)$ - average volume activity of radio nuclide *r* in river water in distance *x [m]* from the discharge point *[Bq.l^{-1}]*,

A^r - overall activity of radio nuclide *r* discharged to river for given period *[Bq];*

$\bar{v}$ - average flow velocity in river *[m.s^{-1}]*;

$3,15.10^{10} = 3,15.10^{7}\ s \times 10^{3}\ l.m^{-3}$

$\overline{Q}_o$ - average flow rate of liquid discharges $[m^3.s^{-1}]$;

$\overline{f}_v$ - average dilution coefficient in river water;

2.7 Spreading of RAS through food chains

Transfer of radio nuclides in food chains after contamination by atmospheric pathway or irrigation is shown on figure 3.5.

Calculation considers transfer of radioactivity through deposition of radio nuclides on leaves of plants, re-suspension of soil elements, and transport of radio nuclides to plants by leaves, transport to plants via roots, contamination of animal production products, and contamination of pork by cesium isotopes.

3. Evaluation of radiological impact of RAS discharges from normal operation

Evaluation of radiological impact of RAS discharges from normal operation of four reactors installed in NPP Mochovce is based on assumption that RAS discharge from operation of four reactors will be twice as RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2. All other data entering program RDEMO are identical for two and four reactors.

Calculations by program RDEMO show that regions with the highest annual IED and 50(70)-year bonds CED are located in ESE direction and NW from the NPP area in direction of predominating winds and in flow direction of the river Hron.

Annual IED for individual zones for age category infants 0-1year are shown on figures 3.6 and 3.7; distribution is similar of other age categories. 50(70)-year bonds CED for the whole region according to zones are shown on figures 3.8 and 3.9.

These figures show that annual IED and CED bonds are highest in sectors along the river Hron (significant impact of liquid radioactive discharges). Critical zone with permanent residence with the highest annual IED is in ESE direction in 3-5km distance – zone No. 64 with village Nový Tekov.

Calculation results of individual effective doses for zone No. 64 from individual radio nuclides and for various age categories are given in table 3.2 and graph 3.10. Shares of individual radio nuclides (%) on annual IED for individual age categories from atmosphere are given in table 3.3 and from hydrosphere in table 3.4. Annual individual effective and equivalent doses for this zone and age category 0 – 1 year, for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and dose ratio are given in table 3.5. Contributions of individual sources to radiation load on population (shares of individual pathways) for zone 64 and age category infants 0 – 1 year are shown on figure 3.11.

Results show that the highest annual IED is for age category infants 0 – 1 year reaching 0.215μSv. Annual IED is predominantly contributed to by hydrosphere (95.2%) rather than atmosphere (4.8%). Critical radio nuclide is tritium. Critical exposition pathway for radiation load of individual from this zone is exposition from ingestion of contaminated potable water (93.0% share on exposition pathway) with predominating radio nuclide tritium. Critical pathway for radiation load from atmosphere is exposition from cloud (^{88}Kr, ^{41}Ar) with 3.1% exposition share on IED. Critical body organ is evenly the whole body except for the bone marrow.

Assessment of individual effective doses for zone No. 64 for individual age categories for 2007 year is given in table 3.2a and for 2008 year is given in table 3.2b. *Results show that the*

highest annual IED is for age category infants 0 – 1 year reaching 0.259μSv (2007 year) and 0.295μSv (2008 year). Annual IED is predominantly contributed to by hydrosphere rather than atmosphere. Critical radio nuclide stays tritium with 98 % of share on IED.

Calculation results or 50(70)-year bonds of collective effective doses for zone No. 64 (fixed population 968) from individual radio nuclides for individual age categories are given in table 3.6 and sum – according to age categories – is shown on figure 3.12. Bonds of collective effective and equivalent doses for this zone and age category adults for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 3.7. Contributions from individual sources to radiation load of population (shares of individual pathways) for zone 64 and age category adults for 50(70)-year bonds CED are shown on figure 3.13.

Results show that the highest 50(70)-year bonds CED *is for age category "adults" reaching 97.1 manμSv . Critical exposition pathway for radiation load of individual from this zone is exposition from ingestion of contaminated potable water contaminated bank sediments (from hydrosphere) and exposition from the cloud and from food contaminated by fall-out (from atmosphere) Critical radio nuclide is tritium. Critical body organ is evenly the whole body except for the bone marrow.*

Assessment of 50(70)-year bonds of collective effective doses for zone No. 64 for individual age categories for 2007 year is given in table 3.6a and for 2008 year in table 3.6b. *Results show that the highest* 50(70)-year bonds CED *is for age category "adults" reaching 151 manμSv (2007 year) and 172 manμSv (2008 year).*

Calculation results of 50(70)-year bond of CED for all zones (region) are given in table 3.8 and according to age categories on figure 3.14. Percentage shares of individual radio nuclides on CED for all zones and age category adults are given in table 3.9 – from atmosphere and in table 3.10 – from hydrosphere. Bonds of collective effective and equivalent doses for all zones, various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 3.11. Shares of individual radiation pathways for 50(70)-year bonds CED for all zones (complete region) are shown on figure 3.15 –for atmosphere, and 3.16 – for hydrosphere. Their comparison is shown on figure 3.17, whereby ratio between hydrosphere and atmosphere is 88.8 % to 11.2 %. Figure 3.18 shows dependence between CED bond and size of assumed circular territory around NPP Mochovce. *This dependence is very strong for radius 15km from NPP and only moderate for distances above 15km.*

50(70)-year bond of CED for all zones reached 10.71manmSv. The highest bond CED was reached for group adults –8.16manmSv, i.e. 75.11 % of value for the whole region. Critical exposition pathway from hydrosphere is exposition by ingestion of contaminated potable water (critical radio nuclide is tritium ^{3}H). Critical exposition pathway from atmosphere is exposition from food contaminated by fall-out (critical radio nuclide is radio carbon ^{14}C) and from the cloud (critical radio nuclide is ^{41}Ar). Critical body organ is evenly the whole body.

Assessment of 50(70)-year bond of CED for all zones (region) for 2007 year is given in table 3.8a and for 2008 year in table 3.8b. *Results show that 50(70)-year bond of CED for all zones reached 16.67 manmSv (2007 year) and 18.68 manmSv (2008 year). The highest bond CED was reached for group adults 12.99 manmSv (2007 year) and 14.56 manmSv (2008 year), i.e. 78 % of value for the whole region.*

4. Evaluation of radiological impact of RAS discharge at reached 100% limit discharge values

Evaluation of radiological impact of RAS discharge on 100% limit value levels from operation of four reactors in NPP Mochovce is based on assumption that limits for RAS

discharge from operation of four reactors will be twice as high as limits for RAS discharge from operation of two reactors in currently operated NPP Mochovce units 1 and 2. List of assumed limits and their values is given in table 4.1. All other input data entering program RDEMO are identical for two and four reactors or for normal operation and operation on 100% drawing level for RAS discharge.

Annual IED for individual zones for age category "infants 0 – 1 year" are shown on figures 4.1 and 4.2; distribution is similar of other age categories. 50(70)-year CED bonds for the whole region according to zones are shown on figures 4.3 and 4.4.

Calculations performed by program RDEMO show that regions with the highest values of individual effective doses (IED) and 50(70)-year bonds of CED are found in SE and NW direction from the NPP area in direction of predominating winds and of the river Hron. Zone with calculated maximal IED in the whole region is permanently uninhabited zone located in WNW direction at 0 – 1km distance; zone No. 157 with calculated IED for individual 27.43 μSv would he live here. Permanently habited zone with maximal IED from atmosphere is in WNW direction at 5 – 7km distance – zone No. 161 with the village Nevidzany – calculated IED for individual is 3.62 μSv.

Permanently habited (critical) zone with the highest value of annual IED is in ESE direction at 3 – 5km distance – zone No. 64 with the village Nový Tekov. This is also the zone with maximal IED value from hydrosphere. Data for this (critical) zone No. 64 are described hereunder in details.

Calculation results of individual effective doses for zone No. 64 from individual radio nuclides and for various age categories are given in table 4.3 and graph 4.5. Shares of individual radio nuclides (%) on annual IED for individual age categories from atmosphere are given in table 4.4 and from hydrosphere in table 4.5. Annual individual effective and equivalent doses for this zone and age category 0 – 1 year, for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and dose ratio are given in table 4.6. Contributions of individual sources to radiation load on population (shares of individual pathways) for zone 64 and age category infants 0 – 1 year are shown on figure 4.6.

Results show that the highest annual IED is for age category infants 0 – 1 year reaching 4.47μSv. Annual IED is predominantly contributed to by atmosphere (93.0%) rather than hydrosphere (7.0%). Critical exposition pathway for radiation load of individual from this zone is exposition from the cloud (74.4% share on exposition pathway) caused by radioactive noble gases (^{88}Kr, ^{87}Kr, ^{135}Xe), followed by exposition from deposit (16.3% share on exposition pathway; critical radio nuclides ^{110m}Ag, ^{60}Co) and exposition from ingestion of contaminated potable water (5.3 % share on exposition pathway; critical radio nuclide is tritium). Critical body organ is evenly the whole body.

Calculation results or 50(70)-year bonds of collective effective doses for zone No. 64 (fixed population 968) from individual radio nuclides for individual age categories are given in table 4.7 and sum – according to age categories – is shown on figure 4.7. Bonds of collective effective and equivalent doses for this zone and age category adults for various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 4.8. Contributions from individual sources to radiation load of population (shares of individual pathways) for zone 64 and age category adults for 50(70)-year bonds CED shown on figure 4.8.

Results show that the highest 50(70)-year bonds CED *is for age category "adults" reaching 4.16manmSv. Critical exposition pathway for radiation load of individual from this zone is exposition from the cloud (58.0% share on exposition pathway), followed by exposition from deposit (35.8% share on exposition pathway), exposition from ingestion of contaminated potable water (2.4 %) and exposition from contaminated bank sediments (2.2%). Critical radio*

nuclides are radioactive noble gases (^{88}Kr, ^{87}Kr, ^{135}Xe) and ^{60}Co, ^{110m}Ag. Critical body organ is evenly the whole body.

Calculation results of 50(70)-year bond of CED for all zones (region) are given in table 4.9 and according to age categories on figure 4.9. Percentage shares of individual radio nuclides on CED for all zones and age category adults are given in table 4.10 – from atmosphere and in table 4.11 – from hydrosphere. Bonds of collective effective and equivalent doses for all zones, various exposition pathways and organs together with relevant percentage share of individual exposition radiation pathways and percentage share on dose are given in table 4.12. Shares of individual radiation pathways for 50(70)-year bonds CED for all zones (complete region) are shown on figure 4.10 –for atmosphere, and 4.11 – for hydrosphere. Their mutual share is shown on figure 4.12 *with significant predominance of atmosphere above hydrosphere: 92.5% : 4.8%.* Figure 4.13 shows dependence between CED bond and size of assumed circular territory around NPP Mochovce. *This dependence is very strong for radius 15km from NPP; less strong from 15 – 30km and only moderate for distances above 30km.*

50(70)-year bond of CED for all zones reached 465.3manmSv. The highest bond CED was reached for group adults – 349.0manmSv, i.e. 75 % of value for the whole region. Critical exposition pathway from atmosphere is exposition from deposit (critical radio nuclides ^{60}Co, ^{110m}Ag) and form cloud (critical radio nuclides ^{88}Kr, ^{135}Xe, ^{87}K,). Critical exposition pathway from hydrosphere is exposition by ingestion of contaminated potable water (critical radio nuclide is tritium ^{3}H) and by stay on irrigated land – sunbathing (critical radio nuclides ^{137}Cs, ^{60}Co, ^{110m}Ag, ^{134}Cs). Critical body organ is evenly the whole body.

5. Conclusion

Submitted analysis of RAS discharge from normal operation of four reactors on NPP Mochovce into environment shows that **the highest value of annual individual effective dose for individual from the critical group was calculated in ESE direction in zone No. 64, village Nový Tekov and reached the following values for age categories:**

	2006 year	2007 year	2008 year
• **infants**	**0.215 μSv**	**0.259 μSv**	**0.295 μSv**
• **adults**	**0.131 μSv**	**0.206 μSv**	**0.235 μSv**

50(70)-year bond CED for critical population group in zone 64 (population 968) reached:

	2006 year	2007 year	2008 year
• **adults**	**0.097 manmSv**	**0.151 manmSv**	**0.172 manmSv**

Value of 50(70)-year bond CED for the whole region (population approx. 1.2mil) reached:

	2006 year	2007 year	2008 year
• **for all region**	**10.7 manmSv**	**16.7 manmSv**	**18.7 manmSv**

It's necessary to point out that above mentioned values are calculated for assumed discharge of RAS from NORMAL operation of four reactors installed in NPP Mochovce which are only a fraction of assumed limit values for operation of four reactors.

When assuming RAS discharge on 100% LIMIT VALUES level, operation of four reactors installed in NPP Mochovce would have the following impact on surrounding population: **the highest value of annual individual effective dose for individual from the**

critical group was calculated in ESE direction in zone No. 64, village Nový Tekov and reached the following values for age categories:

- **infants 4.47 μSv**
- **adults 4.30 μSv**

50(70)-year bond CED for critical population group in zone 64 (population 968) reached:

- **adults 4.16 manmSv**

Value of 50(70)-year bond CED for the whole region (population approx. 1.2mil) reached:

- **for all region 465.3 manmSv**

Above mentioned values are summarized in table 5.1.

The Governmental order of SR No. 345/2006 Coll. provides that RAS can be discharged from nuclear installations also to the air and surface water subject to provision that effective doses in relevant critical population group won't exceed 250μSv/calendar year due to these discharges. This value is considered for limit value for designing and construction of nuclear installations. In case of several nuclear facilities constructed in one location, which affect population doses in the same critical group, this value applies to overall radiation from all nuclear facilities in given location or region.

Considering public health protection, calculated maximal value of annual effective individual dose (4.47μSv) is sufficiently low (1.8% of limit value 250μSv/calendar year) compared with determined limit value for critical population group (250μSv) – figure 5.1.

Calculated maximal value of annual IED is several times lower (0.18% of radiation background) than radiation load of world population caused by natural background – table 5.2. According to Report published by UNSCEAR in year 2000, average dose valid from natural background is 2.4mSv/year. Figure 5.2 compares impact of RAS discharges from four reactors installed in NPP Mochovce with doses received by individual form natural background.

Calculated results prove that radiological impact on population caused by RAS discharge from normal operation or operation on 100% limit values for RAS discharges from four reactors installed in NPP Mochovce will be sufficiently low below the limit value for designing and construction of nuclear facilities.

6. Bibliography

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Explanation to tables:
Rádionuklid – radio nuclide
Atmosféra – atmosphere
Hydrosféra – hydrosphere
Súčet – total
Dospelí – adults
Aktivita - activity
KED – CED
Veková kategória – age category

Tab. 3.1: List of radio nuclides and their activities for 2006 year

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	5,810E+11	2,046E+13
C-14 CO2	2,364E+10	0,000E+00
C-14 CnHm	4,516E+11	0,000E+00
Ar-41	3,260E+12	0,000E+00
Cr-51	3,502E+06	1,104E+07
Mn-54	3,156E+06	2,208E+06
Fe-59	6,894E+05	2,098E+06
Co-57	6,720E+04	8,842E+05
Co-58	4,048E+06	1,604E+06
Co-60	3,950E+06	2,458E+06
Zn-65	3,098E+05	2,134E+06
Se-75	2,444E+05	0,000E+00
Kr-85m	6,600E+10	0,000E+00
Kr-85	1,162E+11	0,000E+00
Kr-87	2,340E+11	0,000E+00
Kr-88	2,180E+11	0,000E+00
Sr-89	3,054E+03	1,272E+04
Sr-90	1,237E+04	3,820E+04
Zr-95	9,388E+05	1,973E+06
Nb-95	7,660E+05	1,328E+06
Ru-103	1,939E+05	1,286E+06
Rh-106	3,646E+05	3,110E+06
Ag-110m	1,856E+07	1,151E+07
Sb-124	8,648E+05	1,611E+06
I-131 plyn	6,940E+05	0,000E+00
I-131 aerosol	1,659E+05	2,688E+06
Xe-131m	1,110E+12	0,000E+00
Xe-133m	2,080E+11	0,000E+00
Xe-133	3,360E+11	0,000E+00
Xe-135	5,740E+11	0,000E+00
Cs-134	1,171E+05	2,466E+06
Cs-137	2,664E+05	8,320E+06
Ce-141	1,438E+05	2,038E+06
Ce-144	5,134E+05	6,700E+06
Hf-181	1,620E+05	0,000E+00
Pu-238	7,042E+02	3,100E+03
Pu-239	5,302E+02	2,544E+03
Pu-240	5,302E+02	2,544E+03
Am-241	7,980E+03	5,732E+04

Tab. 3.2a: List of radio nuclides and their activities for 2007 year

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	6,049E+11	1,492E+13
CO2-anorg.	4,489E+10	0,000E+00
CnHm-org.	7,980E+11	0,000E+00
Ar-41	2,686E+12	0,000E+00
Kr-85	1,041E+12	0,000E+00
Kr-85m	5,738E+10	0,000E+00
Kr-87	9,265E+10	0,000E+00
Kr-88	9,099E+10	0,000E+00
Xe-131m	2,301E+11	0,000E+00
Xe-133	3,866E+11	0,000E+00
Xe-133m	4,631E+10	0,000E+00
Xe-135	7,502E+11	0,000E+00
I-131 aer.	3,976E+05	1,114E+06
I-131 ply.	1,997E+07	0,000E+00
I-133	3,382E+06	0,000E+00
Sc-46	5,260E+04	0,000E+00
Cr-51	3,227E+06	4,413E+06
Mn-54	1,752E+06	1,783E+06
Fe-59	3,952E+05	7,866E+05
Co-57	2,943E+04	3,704E+05
Co-58	1,897E+06	1,333E+06
Co-60	2,809E+06	1,742E+06
Zn-65	1,295E+05	7,657E+05
Se-75	7,251E+04	0,000E+00
Zr-95	5,296E+05	7,587E+05
Nb-95	5,420E+05	5,876E+05
Ru-103	7,158E+04	4,551E+05
Rh-106	1,455E+05	1,127E+06
Ag-110m	7,449E+06	3,477E+06
Sb-122	3,510E+05	0,000E+00
Sb-124	5,154E+05	7,211E+05
Cs-134	4,639E+04	8,776E+05
Cs-137	1,294E+05	1,938E+06
Ce-141	6,240E+04	8,547E+05
Ce-144	2,306E+05	2,873E+06
Hf-181	1,099E+05	0,000E+00
Sr-89	1,820E+03	8,427E+03
Sr-90	6,807E+03	1,563E+04
Pu-238	3,332E+02	3,770E+02
Pu-239+240	6,598E+02	4,345E+03
Am-241	1,135E+03	9,065E+03

Tab. 3.3b: List of radio nuclides and their activities for 2008 year

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	1,168E+12	1,571E+13
CO2-anorg.	3,786E+10	0,000E+00
CnHm-org.	6,576E+11	0,000E+00
Ar-41	1,736E+12	0,000E+00
Kr-85	7,747E+11	0,000E+00
Kr-85m	1,812E+10	0,000E+00
Kr-87	5,750E+10	0,000E+00
Kr-88	5,585E+10	0,000E+00
Xe-131m	1,564E+11	0,000E+00
Xe-133	5,133E+10	0,000E+00
Xe-133m	3,099E+10	0,000E+00
Xe-135	1,533E+11	0,000E+00
I-131 aer.	7,170E+04	8,927E+05
I-131 ply.	2,963E+05	0,000E+00
I-133	2,191E+06	0,000E+00
Sc-46	5,250E+04	0,000E+00
Cr-51	1,472E+06	3,711E+06
Mn-54	1,333E+06	1,245E+06
Fe-59	2,649E+05	6,822E+05
Co-57	3,094E+04	3,163E+05
Co-58	1,634E+06	1,161E+06
Co-60	2,553E+06	1,639E+06
Zn-65	1,272E+05	6,617E+05
Se-75	6,689E+04	0,000E+00
Zr-95	3,681E+05	6,276E+05
Nb-95	3,415E+05	4,512E+05
Ru-103	6,014E+04	3,917E+05
Rh-106	1,443E+05	9,842E+05
Ag-110m	7,118E+06	5,382E+06
Sb-122	2,643E+05	0,000E+00
Sb-124	3,560E+05	6,522E+05
Cs-134	4,726E+04	2,064E+06
Cs-137	1,039E+05	3,642E+06
Ce-141	6,279E+04	7,248E+05
Ce-144	2,334E+05	2,477E+06
Hf-181	1,403E+05	0,000E+00
Sr-89	1,896E+03	6,087E+03
Sr-90	1,240E+04	1,722E+04
Pu-238	8,062E+02	2,306E+03
Pu-239+240	2,620E+03	2,528E+04
Am-241	1,453E+02	1,480E+03

Tab. 3.4: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2006 year [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,04E-07	1,53E-07	1,40E-07	1,04E-07	8,17E-08	1,16E-07
C-14	3,30E-09	6,00E-09	6,09E-09	6,53E-09	5,77E-09	6,29E-09
AR-41	5,41E-09	5,41E-09	5,41E-09	5,41E-09	5,41E-09	5,41E-09
CR-51	2,15E-12	1,92E-12	1,82E-12	1,71E-12	1,63E-12	1,80E-12
MN-54	4,55E-11	4,49E-11	4,47E-11	4,45E-11	4,42E-11	4,54E-11
FE-59	1,19E-12	8,71E-13	8,75E-13	8,10E-13	7,09E-13	1,32E-12
CO-57	2,87E-12	2,78E-12	2,76E-12	2,73E-12	2,70E-12	2,70E-12
CO-58	1,70E-11	1,67E-11	1,66E-11	1,64E-11	1,63E-11	1,64E-11
CO-60	2,07E-10	2,00E-10	1,99E-10	1,98E-10	1,96E-10	1,95E-10
ZN-65	2,60E-11	1,21E-11	1,19E-11	9,59E-12	6,63E-12	3,78E-11
SE-75	9,48E-14	9,54E-14	9,58E-14	9,55E-14	9,54E-14	9,51E-14
KR-85M	1,62E-11	1,62E-11	1,62E-11	1,62E-11	1,62E-11	1,62E-11
KR-85	4,77E-13	4,77E-13	4,77E-13	4,77E-13	4,77E-13	4,77E-13
KR-87	2,39E-10	2,39E-10	2,39E-10	2,39E-10	2,39E-10	2,39E-10
KR-88	6,34E-10	6,34E-10	6,34E-10	6,34E-10	6,34E-10	6,34E-10
SR-89	3,71E-14	1,85E-14	1,33E-14	8,76E-15	6,04E-15	7,34E-15
SR-90	1,78E-12	8,30E-13	6,22E-13	1,36E-12	1,63E-12	7,42E-13
ZR-95	1,26E-11	1,26E-11	1,26E-11	1,25E-11	1,24E-11	1,25E-11
NB-95	4,82E-13	6,99E-13	6,84E-13	6,39E-13	5,69E-13	4,50E-11
RU-103	3,99E-12	4,42E-12	4,30E-12	4,24E-12	4,06E-12	4,08E-12
RH-106	2,44E-20	2,44E-20	2,44E-20	2,44E-20	2,44E-20	2,44E-20
AG-110M	1,94E-10	1,31E-10	1,28E-10	1,11E-10	9,27E-11	8,62E-11
SB-124	9,29E-13	9,40E-13	9,44E-13	9,44E-13	9,45E-13	9,38E-13
I-131E	3,38E-14	3,49E-14	3,55E-14	3,47E-14	3,45E-14	3,33E-14
I-131O	6,77E-15	8,80E-15	9,81E-15	8,36E-15	8,00E-15	5,89E-15
I-131A	7,60E-11	7,32E-11	6,13E-11	3,25E-11	2,07E-11	1,88E-11
XE-131M	1,26E-11	1,26E-11	1,26E-11	1,26E-11	1,26E-11	1,26E-11
XE-133M	9,82E-12	9,82E-12	9,82E-12	9,82E-12	9,82E-12	9,82E-12
XE-133	1,80E-11	1,80E-11	1,80E-11	1,80E-11	1,80E-11	1,80E-11
XE-135	2,30E-10	2,30E-10	2,30E-10	2,30E-10	2,30E-10	2,30E-10
CS-134	1,15E-10	1,13E-10	1,14E-10	1,16E-10	1,18E-10	2,98E-10
CS-137	1,87E-10	1,85E-10	1,84E-10	2,01E-10	2,04E-10	6,17E-10
CE-141	1,11E-12	9,93E-13	9,48E-13	8,89E-13	8,54E-13	8,59E-13
CE-144	1,19E-11	8,51E-12	7,19E-12	5,78E-12	4,91E-12	5,01E-12
HF-181	3,25E-14	3,38E-14	3,46E-14	3,48E-14	3,56E-14	3,44E-14
PU-238	4,51E-14	8,20E-14	1,28E-13	1,47E-13	1,89E-13	2,07E-13
PU-239	3,50E-14	6,43E-14	1,03E-13	1,21E-13	1,55E-13	1,70E-13
PU-240	3,54E-14	6,46E-14	1,04E-13	1,21E-13	1,56E-13	1,70E-13
AM-241	4,98E-13	8,72E-13	1,32E-12	1,52E-12	1,99E-12	2,09E-12
Hydrosféra	2,04E-07	1,53E-07	1,41E-07	1,05E-07	8,19E-08	1,17E-07
Atmosféra	1,03E-08	1,32E-08	1,33E-08	1,37E-08	1,29E-08	1,34E-08
Suma	2,15E-07	1,66E-07	1,54E-07	1,18E-07	9,48E-08	1,31E-07

Tab. 3.5a: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2007 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Hydrosféra	2,53E-07	1,90E-07	2,19E-07	1,63E-07	1,27E-07	1,98E-07
Atmosféra	5,52E-09	7,70E-09	7,79E-09	8,12E-09	7,50E-09	7,91E-09
Suma	2,59E-07	1,98E-07	2,27E-07	1,71E-07	1,35E-07	2,06E-07

Tab. 3.6b: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 for 2008 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Hydrosféra	2,88E-07	2,16E-07	2,50E-07	1,85E-07	1,45E-07	2,26E-07
Atmosféra	6,21E-09	9,23E-09	9,38E-09	9,79E-09	8,94E-09	9,47E-09
Suma	2,95E-07	2,26E-07	2,59E-07	1,95E-07	1,54E-07	2,35E-07

Tab. 3.7: Share of individual radio nuclides on annual IED for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	3,51	3,75	3,92	3,53	3,44	3,29
C-14	31,98	45,60	45,91	47,76	44,84	46,98
AR-41	52,38	41,14	40,75	39,56	42,01	40,40
CR-51	0,00	0,00	0,00	0,00	0,00	0,00
MN-54	0,03	0,03	0,03	0,02	0,03	0,02
FE-59	0,00	0,00	0,00	0,00	0,00	0,00
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,02	0,02	0,02	0,01	0,02	0,01
CO-60	0,16	0,13	0,13	0,12	0,13	0,12
ZN-65	0,00	0,00	0,00	0,00	0,00	0,00
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,16	0,12	0,12	0,12	0,13	0,12
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	2,31	1,81	1,80	1,75	1,85	1,78
KR-88	6,14	4,83	4,78	4,64	4,93	4,74
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,00	0,00	0,00	0,00	0,00	0,00
ZR-95	0,00	0,00	0,00	0,00	0,00	0,00
NB-95	0,00	0,00	0,00	0,00	0,00	0,00
RU-103	0,00	0,00	0,00	0,00	0,00	0,00
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	0,66	0,49	0,48	0,46	0,48	0,46
SB-124	0,01	0,01	0,01	0,00	0,01	0,01
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,00	0,00	0,00	0,00	0,00	0,00
XE-131M	0,12	0,10	0,09	0,09	0,10	0,09
XE-133M	0,10	0,07	0,07	0,07	0,08	0,07
XE-133	0,17	0,14	0,14	0,13	0,14	0,13
XE-135	2,22	1,75	1,73	1,68	1,78	1,72
CS-134	0,00	0,00	0,00	0,00	0,00	0,00
CS-137	0,00	0,00	0,00	0,00	0,01	0,01
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,00	0,00	0,00	0,00	0,00	0,00
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,01	0,01	0,01	0,02	0,02
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 3. 8: Share of individual radio nuclides on annual IED from hydrosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	99,60	99,53	99,50	99,36	99,22	98,89
C-14	0,00	0,00	0,00	0,00	0,00	0,00
AR-41	0,00	0,00	0,00	0,00	0,00	0,00
CR-51	0,00	0,00	0,00	0,00	0,00	0,00
MN-54	0,02	0,03	0,03	0,04	0,05	0,04
FE-59	0,00	0,00	0,00	0,00	0,00	0,00
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,01	0,01	0,01	0,01	0,02	0,01
CO-60	0,09	0,12	0,13	0,17	0,22	0,15
ZN-65	0,01	0,01	0,01	0,01	0,01	0,03
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,00	0,00	0,00	0,00	0,00	0,00
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	0,00	0,00	0,00	0,00	0,00	0,00
KR-88	0,00	0,00	0,00	0,00	0,00	0,00
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,00	0,00	0,00	0,00	0,00	0,00
ZR-95	0,01	0,01	0,01	0,01	0,01	0,01
NB-95	0,00	0,00	0,00	0,00	0,00	0,04
RU-103	0,00	0,00	0,00	0,00	0,00	0,00
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	0,06	0,04	0,05	0,05	0,04	0,02
SB-124	0,00	0,00	0,00	0,00	0,00	0,00
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,04	0,05	0,04	0,03	0,03	0,02
XE-131M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133	0,00	0,00	0,00	0,00	0,00	0,00
XE-135	0,00	0,00	0,00	0,00	0,00	0,00
CS-134	0,06	0,07	0,08	0,11	0,14	0,25
CS-137	0,09	0,12	0,13	0,19	0,25	0,53
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,01	0,01	0,01	0,01	0,01	0,00
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,00	0,00	0,00	0,00	0,00
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 3.9: Annual individual effective and equivalent doses in zone 64, age category 0 – 1 year

Expozičná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,77E-12	1,99E-12	1,81E-12	1,17E-12	1,70E-12	2,73E-12	1,81E-12	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	5,34E-10	5,99E-10	5,24E-10	1,80E-10	4,92E-10	6,79E-10	5,28E-10	0,2
Expozícia z pobytu na zavlaž. pôde	[Sv]	3,09E-17	3,49E-17	3,08E-17	1,96E-17	2,93E-17	4,07E-17	3,16E-17	0,0
Expozícia z ingescie kontamin. vody	[Sv]	6,15E-07	8,01E-11	6,14E-07	6,16E-07	6,15E-07	6,14E-07	2,00E-07	93,0
Expozícia z ingescie kontamin. rýb	[Sv]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,0
Expozícia z potravín kontam. zavlaž.	[Sv]	1,27E-08	2,69E-10	1,26E-08	1,31E-08	1,28E-08	1,24E-08	4,18E-09	1,9
Hydrosféra	[Sv]	6,28E-07	9,50E-10	6,28E-07	6,30E-07	6,28E-07	6,27E-07	2,04E-07	
Hydrosféra	[%]	98,3	7,7	98,2	98,2	98,1	98,2		95,2
Expozícia z oblaku	[Sv]	5,97E-09	7,04E-09	6,59E-09	6,14E-09	6,81E-09	1,04E-08	6,57E-09	3,1
Expozícia z depozitu	[Sv]	7,87E-11	9,01E-11	8,08E-11	6,56E-11	7,80E-11	1,06E-10	8,26E-11	0,0
Expozícia z inhalácie	[Sv]	8,42E-11	1,87E-12	1,09E-10	8,56E-11	8,37E-11	8,33E-11	2,88E-10	0,1
Expozícia z potravín kontam. spadom	[Sv]	4,99E-09	4,30E-09	4,98E-09	4,97E-09	5,00E-09	6,75E-10	3,39E-09	1,6
Atmosféra	[Sv]	1,11E-08	1,14E-08	1,18E-08	1,13E-08	1,20E-08	1,13E-08	1,03E-08	
Atmosféra	[%]	1,7	92,3	1,8	1,8	1,9	1,8		4,8
SUMA	[Sv]	6,39E-07	1,24E-08	6,39E-07	6,41E-07	6,40E-07	6,39E-07	2,15E-07	100,0

Expozícia – exposition
... z kúpania ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 3. 10: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2006 year [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	1,97E-06	1,48E-06	6,80E-06	9,09E-06	7,12E-06	8,44E-05
C-14	3,20E-08	5,80E-08	2,95E-07	5,69E-07	5,03E-07	4,57E-06
AR-41	5,24E-08	5,24E-08	2,62E-07	4,71E-07	4,71E-07	3,93E-06
CR-51	2,08E-11	1,86E-11	8,82E-11	1,49E-10	1,42E-10	1,31E-09
MN-54	7,78E-10	7,72E-10	3,85E-09	6,91E-09	6,89E-09	5,83E-08
FE-59	1,15E-11	8,44E-12	4,24E-11	7,06E-11	6,18E-11	9,59E-10
CO-57	4,44E-11	4,35E-11	2,16E-10	3,87E-10	3,84E-10	3,21E-09
CO-58	1,69E-10	1,66E-10	8,26E-10	1,47E-09	1,46E-09	1,22E-08
CO-60	1,51E-08	1,51E-08	7,54E-08	1,36E-07	1,35E-07	1,13E-06
ZN-65	2,60E-10	1,26E-10	6,20E-10	9,14E-10	6,57E-10	2,81E-08
SE-75	1,04E-12	1,05E-12	5,25E-12	9,44E-12	9,43E-12	7,83E-11
KR-85M	1,57E-10	1,57E-10	7,83E-10	1,41E-09	1,41E-09	1,17E-08
KR-85	4,61E-12	4,61E-12	2,31E-11	4,15E-11	4,15E-11	3,46E-10
KR-87	2,31E-09	2,31E-09	1,16E-08	2,08E-08	2,08E-08	1,73E-07
KR-88	6,14E-09	6,14E-09	3,07E-08	5,53E-08	5,53E-08	4,61E-07
SR-89	3,59E-13	1,79E-13	6,42E-13	7,63E-13	5,27E-13	5,33E-12
SR-90	1,73E-11	8,03E-12	3,01E-11	1,18E-10	1,42E-10	5,39E-10
ZR-95	1,24E-10	1,24E-10	6,19E-10	1,11E-09	1,11E-09	9,22E-09
NB-95	4,67E-12	6,77E-12	3,31E-11	5,56E-11	4,96E-11	3,27E-08
RU-103	3,87E-11	4,29E-11	2,09E-10	3,70E-10	3,54E-10	2,97E-09
RH-106	2,36E-19	2,36E-19	1,18E-18	2,13E-18	2,13E-18	1,77E-17
AG-110M	2,24E-09	1,63E-09	7,97E-09	1,29E-08	1,13E-08	8,94E-08
SB-124	9,11E-12	9,22E-12	4,63E-11	8,33E-11	8,34E-11	6,90E-10
I-131E	3,27E-13	3,38E-13	1,72E-12	3,02E-12	3,00E-12	2,42E-11
I-131O	6,55E-14	8,51E-14	4,75E-13	7,28E-13	6,97E-13	4,28E-12
I-131A	7,36E-10	7,08E-10	2,97E-09	2,83E-09	1,80E-09	1,36E-08
XE-131M	1,22E-10	1,22E-10	6,10E-10	1,10E-09	1,10E-09	9,14E-09
XE-133M	9,50E-11	9,50E-11	4,75E-10	8,55E-10	8,55E-10	7,13E-09
XE-133	1,74E-10	1,74E-10	8,69E-10	1,56E-09	1,56E-09	1,30E-08
XE-135	2,22E-09	2,22E-09	1,11E-08	2,00E-08	2,00E-08	1,67E-07
CS-134	3,22E-09	3,19E-09	1,60E-08	2,90E-08	2,92E-08	3,74E-07
CS-137	1,78E-08	1,78E-08	8,90E-08	1,62E-07	1,62E-07	1,64E-06
CE-141	1,07E-11	9,61E-12	4,59E-11	7,75E-11	7,44E-11	6,24E-10
CE-144	1,39E-10	1,06E-10	4,68E-10	7,20E-10	6,44E-10	5,44E-09
HF-181	3,15E-13	3,28E-13	1,68E-12	3,04E-12	3,11E-12	2,51E-11
PU-238	4,52E-13	8,12E-13	6,29E-12	1,30E-11	1,67E-11	1,52E-10
PU-239	3,50E-13	6,35E-13	5,07E-12	1,07E-11	1,37E-11	1,24E-10
PU-240	5,66E-13	8,51E-13	6,15E-12	1,26E-11	1,56E-11	1,36E-10
AM-241	5,12E-12	8,77E-12	6,58E-11	1,36E-10	1,77E-10	1,54E-09
Súčet	2,11E-06	1,64E-06	7,61E-06	1,06E-05	8,54E-06	9,71E-05

Tab. 3. 11a: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2007 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Suma	2,52E-06	1,93E-06	1,11E-05	1,50E-05	1,19E-05	1,51E-04

Tab. 3. 12b: 50(70)-year bonds for CED from individual radio nuclides for individual age categories in zone 64 for 2008 year [Sv]

Veková kateg.	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
Suma	2,87E-06	2,20E-06	1,26E-05	1,71E-05	1,36E-05	1,72E-04

Tab. 3.13: 50(70)-year bonds of collective effective and equivalent doses in zone 64, age category - adults

Expozičná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,28E-09	1,45E-09	1,31E-09	8,49E-10	1,23E-09	1,98E-09	1,32E-09	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	2,68E-06	3,01E-06	2,67E-06	9,95E-07	2,52E-06	3,41E-06	2,66E-06	2,7
Expozícia z pobytu na zavlaž. pôde	[Sv]	9,08E-14	1,02E-13	9,07E-14	4,34E-14	8,59E-14	1,17E-13	9,12E-14	0,0
Expozícia z ingescie kontamin. vody	[Sv]	7,82E-05	1,08E-08	7,82E-05	7,84E-05	7,82E-05	7,82E-05	8,28E-05	85,3
Expozícia z ingescie kontamin. rýb	[Sv]	9,76E-07	4,61E-07	8,83E-07	9,10E-07	8,93E-07	4,37E-07	9,55E-07	1,0
Expozícia z potravín kontam. zavlaž.	[Sv]	8,18E-07	3,67E-08	8,06E-07	8,42E-07	8,26E-07	7,73E-07	8,63E-07	0,9
Hydrosféra	[Sv]	8,27E-05	3,52E-06	8,25E-05	8,12E-05	8,24E-05	8,28E-05	8,73E-05	
Hydrosféra	[%]	90,2	27,0	89,7	90,0	89,6	91,2		89,9
Expozícia z oblaku	[Sv]	4,33E-06	5,11E-06	4,79E-06	4,46E-06	4,95E-06	7,54E-06	4,77E-06	4,9
Expozícia z depozitu	[Sv]	1,58E-07	1,86E-07	1,72E-07	1,45E-07	1,68E-07	2,16E-07	1,70E-07	0,2
Expozícia z inhalácie	[Sv]	4,21E-08	2,83E-09	5,40E-08	4,24E-08	4,14E-08	4,08E-08	3,07E-07	0,3
Expozícia z potravín kontam. spadom	[Sv]	4,42E-06	4,22E-06	4,42E-06	4,42E-06	4,42E-06	2,00E-07	4,58E-06	4,7
Atmosféra	[Sv]	8,95E-06	9,52E-06	9,43E-06	9,06E-06	9,58E-06	8,00E-06	9,83E-06	
Atmosféra	[%]	9,8	73,0	10,3	10,0	10,4	8,8		10,1
SUMA	[Sv]	9,16E-05	1,30E-05	9,20E-05	9,02E-05	9,20E-05	9,08E-05	9,71E-05	100,0

Expozícia – exposition
... pri kúpaní ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 3. 14: 50(70)-year CED for all zones for 2006 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,17	0,14	0,64	0,89	0,71	8,16	10,71
KD	[%]	1,63	1,28	5,95	8,31	6,72	76,11	100,00

Tab. 3. 15a: 50(70)-year CED for all zones for 2007 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,21	0,17	0,95	1,31	1,04	12,99	16,67
KD	[%]	1,27	1,00	5,70	7,84	6,24	77,96	100,00

Tab. 3. 16b: 50(70)-year CED for all zones for 2008 year

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	0,24	0,19	1,06	1,46	1,16	14,56	18,68
KD	[%]	1,28	1,00	5,70	7,82	6,20	78,00	100,00

Tab. 3. 17: Share of individual radio nuclides on 50(70)-year CED bonds from atmosphere for age category “adults” for all zones

Rádionuklid	KED [Sv]	[%]
C 14	5,96E-04	65,487
AR 41	1,99E-04	21,854
H 3	4,15E-05	4,557
KR 88	2,83E-05	3,106
XE 135	1,40E-05	1,542
CO 60	1,08E-05	1,186
AG 110M	8,05E-06	0,885
KR 87	7,25E-06	0,796
XE 133	1,31E-06	0,144
XE 131M	9,29E-07	0,102
KR 85M	8,40E-07	0,092
XE 133M	7,02E-07	0,077
MN 54	4,98E-07	0,055
CS 137	3,04E-07	0,033
AM 241	1,95E-07	0,021
CO 58	1,75E-07	0,019
CS 134	7,81E-08	0,009
SB 124	5,83E-08	0,006
KR 85	3,54E-08	0,004
ZN 65	2,99E-08	0,003
ZR 95	2,97E-08	0,003
FE 59	2,24E-08	0,002
PU 238	1,87E-08	0,002
CM 245	1,77E-08	0,002
PU 240	1,53E-08	0,002
PU 239	1,53E-08	0,002
NB 95	1,32E-08	0,001
CE 144	1,26E-08	0,001
SE 75	9,10E-09	0,001
Súčet	9,10E-04	100,0

Tab. 3.18: Share of radio nuclides on 50(70)-year CED bonds from hydrosphere for age category “adults” for all zones

Rádionuklid	KED [Sv]	[%]
H 3	6,98E-03	96,307
CS 137	1,36E-04	1,873
CO 60	8,57E-05	1,183
CS 134	3,10E-05	0,427
MN 54	4,48E-06	0,062
NB 95	2,71E-06	0,037
ZN 65	2,31E-06	0,032
AG 110M	1,65E-06	0,023
I 131A	1,12E-06	0,015
CO 58	8,90E-07	0,012
ZR 95	7,43E-07	0,01
CE 144	4,43E-07	0,006
CO 57	2,65E-07	0,004
RU 103	2,44E-07	0,003
CR 51	1,07E-07	0,001
Súčet	7,25E-03	100,0

Tab. 3.19: 50(70)-year bonds of collective effective and equivalent doses for all zones

Expozičná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	1,42E-07	1,60E-07	1,45E-07	9,39E-08	1,36E-07	2,19E-07	1,46E-07	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	2,97E-04	3,34E-04	2,96E-04	1,10E-04	2,79E-04	3,78E-04	2,95E-04	2,8
Expozícia z pobytu na zavlaž. pôde	[Sv]	1,01E-11	1,13E-11	1,01E-11	4,80E-12	9,51E-12	1,30E-11	1,01E-11	0,0
Expozícia z ingescie kontamin. vody	[Sv]	1,07E-02	1,45E-06	1,07E-02	1,07E-02	1,07E-02	1,07E-02	9,03E-03	84,3
Expozícia z ingescie kontamin. rýb	[Sv]	8,10E-05	3,83E-05	7,33E-05	7,55E-05	7,41E-05	3,63E-05	7,93E-05	0,7
Expozícia z potravín kontam. zavlaž.	[Sv]	1,35E-04	5,96E-06	1,33E-04	1,40E-04	1,36E-04	1,28E-04	1,06E-04	1,0
Hydrosféra	[Sv]	1,12E-02	3,79E-04	1,12E-02	1,10E-02	1,12E-02	1,12E-02	9,51E-03	
Hydrosféra	[%]	90,7	24,8	90,5	90,7	90,5	94,3		88,78
Expozícia z oblaku	[Sv]	3,09E-04	3,63E-04	3,36E-04	3,07E-04	3,40E-04	5,89E-04	3,36E-04	3,1
Expozícia z depozitu	[Sv]	2,46E-05	2,89E-05	2,66E-05	2,25E-05	2,61E-05	3,35E-05	2,64E-05	0,2
Expozícia z inhalácie	[Sv]	8,48E-06	4,99E-07	1,09E-05	8,56E-06	8,37E-06	8,25E-06	5,46E-05	0,5
Expozícia z potravín kontam. spadom	[Sv]	7,97E-04	7,55E-04	7,97E-04	7,97E-04	7,98E-04	4,18E-05	7,88E-04	7,4
Atmosféra	[Sv]	1,14E-03	1,15E-03	1,17E-03	1,13E-03	1,17E-03	6,73E-04	1,21E-03	
Atmosféra	[%]	9,2	75,1	9,5	9,3	9,5	5,6		11,26
SUMA	[Sv]	1,24E-02	1,53E-03	1,24E-02	1,22E-02	1,24E-02	1,19E-02	1,07E-02	100

Expozícia – exposition
... z kúpania ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 4.1: Overview of assumed limit values of annual RAS discharge from NPP AE Mochovce with 4 reactors

Druh výpuste		Atmosféra	Hydrosféra
vzácne plyny (ľubovolná zmes)	[Bq]	8,20E+15	-
jód - ^{131}I (plynná a aerosólová zmes)	[Bq]	1,34E+11	-
zmes rádionuklidov (okrem ^{131}I) v aerosóloch	[Bq]	3,40E+11	-
trícium	[Bq]	-	2,40E+13
ostatné rádionuklidy (okrem trícia)	[Bq]	-	2,20E+09

Druh výpuste – discharge type
Vzácne … - noble gases (any mixture)
Jód … - iodine (gaseous and aerosol mixture)
Zmes rádionuklidov … - mixture of radio nuclides (except for ^{131}I) in aerosols
Trícium - tritium
Ostatné … - other radio nuclides (except for tritium)

Tab. 4. 2: List of radio nuclides and their activity

Rádionuklid	Atmosféra [Bq]	Hydrosféra [Bq]
H-3	5,810E+11	2,400E+13
C-14 CO2	2,364E+10	0,000E+00
C-14 CnHm	4,516E+11	0,000E+00
Ar-41	3,254E+12	0,000E+00
Cr-51	3,057E+10	3,707E+08
Mn-54	2,754E+10	7,416E+07
Fe-59	6,019E+09	7,047E+07
Co-57	5,867E+08	2,970E+07
Co-58	3,533E+10	5,388E+07
Co-60	3,449E+10	8,256E+07
Zn-65	2,705E+09	7,168E+07
Se-75	2,130E+09	0,000E+00
Kr-85m	1,891E+14	0,000E+00
Kr-85	3,326E+14	0,000E+00
Kr-87	6,699E+14	0,000E+00
Kr-88	6,271E+14	0,000E+00
Sr-89	2,665E+07	4,273E+05
Sr-90	1,080E+08	1,283E+06
Zr-95	8,196E+09	6,626E+07
Nb-95	6,687E+09	4,459E+07
Ru-103	1,692E+09	4,320E+07
Rh-106	3,199E+09	1,045E+08
Ag-110m	1,620E+11	3,865E+08
Sb-124	7,549E+09	5,412E+07
I-131 plyn	1,264E+11	0,000E+00
I-131 aerosol	7,579E+09	9,028E+07
Xe-131m	3,176E+15	0,000E+00
Xe-133m	5,962E+14	0,000E+00
Xe-133	9,597E+14	0,000E+00
Xe-135	1,646E+15	0,000E+00
Cs-134	1,022E+09	8,283E+07
Cs-137	2,325E+09	2,795E+08
Ba-140	6,042E+08	0,000E+00
Ce-141	1,255E+09	6,845E+07
Ce-144	4,482E+09	2,250E+08
Hf-181	1,414E+09	0,000E+00
Pu-238	6,147E+06	1,041E+05
Pu-239	4,629E+06	8,545E+04
Pu-240	4,629E+06	8,545E+04
Am-241	6,966E+07	1,925E+05

Tab. 4.3: Annual individual effective doses from individual radio nuclides for individual age categories in zone 64 [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,39E-07	1,79E-07	1,65E-07	1,22E-07	9,57E-08	1,36E-07
C-14	3,30E-09	6,00E-09	6,09E-09	6,53E-09	5,77E-09	6,29E-09
AR-41	5,40E-09	5,40E-09	5,40E-09	5,40E-09	5,40E-09	5,40E-09
CR-51	3,05E-10	3,00E-10	2,97E-10	2,93E-10	2,89E-10	2,93E-10
MN-54	3,09E-08	3,07E-08	3,09E-08	3,06E-08	3,08E-08	3,07E-08
FE-59	2,29E-09	2,31E-09	2,34E-09	2,34E-09	2,35E-09	2,34E-09
CO-57	1,97E-10	1,94E-10	1,94E-10	1,92E-10	1,91E-10	1,90E-10
CO-58	1,79E-08	1,80E-08	1,81E-08	1,81E-08	1,81E-08	1,80E-08
CO-60	1,65E-07	1,53E-07	1,56E-07	1,53E-07	1,54E-07	1,49E-07
ZN-65	5,13E-09	2,99E-09	3,15E-09	2,75E-09	2,63E-09	3,59E-09
SE-75	8,26E-10	8,31E-10	8,35E-10	8,33E-10	8,32E-10	8,28E-10
KR-85M	4,63E-08	4,63E-08	4,63E-08	4,63E-08	4,63E-08	4,63E-08
KR-85	1,37E-09	1,37E-09	1,37E-09	1,37E-09	1,37E-09	1,37E-09
KR-87	6,83E-07	6,83E-07	6,83E-07	6,83E-07	6,83E-07	6,83E-07
KR-88	1,82E-06	1,82E-06	1,82E-06	1,82E-06	1,82E-06	1,82E-06
SR-89	1,96E-12	1,58E-12	1,50E-12	1,36E-12	1,32E-12	1,18E-12
SR-90	1,80E-09	5,53E-10	6,99E-10	9,84E-10	2,13E-09	8,59E-10
ZR-95	3,30E-09	3,37E-09	3,41E-09	3,42E-09	3,45E-09	3,40E-09
NB-95	1,34E-09	1,37E-09	1,38E-09	1,38E-09	1,38E-09	2,86E-09
RU-103	3,97E-10	4,18E-10	4,19E-10	4,17E-10	4,14E-10	4,10E-10
RH-106	2,14E-16	2,14E-16	2,14E-16	2,14E-16	2,14E-16	2,14E-16
AG-110M	6,31E-07	5,65E-07	5,75E-07	5,57E-07	5,49E-07	5,41E-07
SB-124	5,83E-09	5,92E-09	5,97E-09	5,97E-09	5,98E-09	5,93E-09
I-131E	6,15E-09	6,36E-09	6,47E-09	6,32E-09	6,28E-09	6,06E-09
I-131O	1,23E-09	1,60E-09	1,79E-09	1,52E-09	1,46E-09	1,07E-09
I-131A	3,38E-09	3,38E-09	3,03E-09	1,99E-09	1,58E-09	1,41E-09
XE-131M	3,61E-08	3,61E-08	3,61E-08	3,61E-08	3,61E-08	3,61E-08
XE-133M	2,81E-08	2,81E-08	2,81E-08	2,81E-08	2,81E-08	2,81E-08
XE-133	5,14E-08	5,14E-08	5,14E-08	5,14E-08	5,14E-08	5,14E-08
XE-135	6,58E-07	6,58E-07	6,58E-07	6,58E-07	6,58E-07	6,58E-07
CS-134	6,64E-09	6,54E-09	6,70E-09	6,83E-09	7,32E-09	1,33E-08
CS-137	1,09E-08	1,03E-08	1,11E-08	1,19E-08	1,48E-08	2,81E-08
BA-140	2,02E-11	2,52E-11	2,73E-11	2,75E-11	2,88E-11	2,54E-11
CE-141	7,68E-11	7,96E-11	8,15E-11	8,11E-11	8,40E-11	7,80E-11
CE-144	1,21E-09	1,52E-09	1,62E-09	1,46E-09	1,41E-09	1,28E-09
HF-181	2,83E-10	2,95E-10	3,02E-10	3,04E-10	3,11E-10	3,01E-10
PU-238	3,83E-10	7,13E-10	1,11E-09	1,28E-09	1,64E-09	1,76E-09
PU-239	2,96E-10	5,59E-10	8,99E-10	1,05E-09	1,35E-09	1,44E-09
PU-240	2,96E-10	5,59E-10	8,99E-10	1,05E-09	1,35E-09	1,44E-09
AM-241	4,08E-09	7,54E-09	1,15E-08	1,32E-08	1,74E-08	1,82E-08
Hydrosféra	3,12E-07	2,11E-07	2,07E-07	1,51E-07	1,29E-07	1,88E-07
Atmosféra	4,16E-06	4,13E-06	4,13E-06	4,13E-06	4,13E-06	4,12E-06
Suma	4,47E-06	4,34E-06	4,34E-06	4,28E-06	4,25E-06	4,30E-06

Tab. 4.4: Share of individual radio nuclides on annual IED form atmosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	0,01	0,01	0,01	0,01	0,01	0,01
C-14	0,08	0,15	0,15	0,16	0,14	0,15
AR-41	0,13	0,13	0,13	0,13	0,13	0,13
CR-51	0,01	0,01	0,01	0,01	0,01	0,01
MN-54	0,70	0,71	0,71	0,71	0,70	0,70
FE-59	0,05	0,06	0,06	0,06	0,06	0,06
CO-57	0,00	0,00	0,00	0,00	0,00	0,00
CO-58	0,42	0,42	0,42	0,43	0,43	0,43
CO-60	3,58	3,53	3,54	3,52	3,51	3,44
ZN-65	0,08	0,06	0,06	0,06	0,05	0,05
SE-75	0,02	0,02	0,02	0,02	0,02	0,02
KR-85M	1,11	1,12	1,12	1,12	1,12	1,13
KR-85	0,03	0,03	0,03	0,03	0,03	0,03
KR-87	16,44	16,56	16,53	16,55	16,56	16,60
KR-88	43,70	44,04	43,94	44,00	44,04	44,14
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,03	0,01	0,01	0,02	0,03	0,01
ZR-95	0,07	0,07	0,07	0,07	0,07	0,07
NB-95	0,03	0,03	0,03	0,03	0,03	0,03
RU-103	0,01	0,01	0,01	0,01	0,01	0,01
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	14,27	13,50	13,52	13,35	13,14	13,03
SB-124	0,14	0,14	0,14	0,14	0,14	0,14
I-131E	0,15	0,15	0,16	0,15	0,15	0,15
I-131O	0,03	0,04	0,04	0,04	0,04	0,03
I-131A	0,02	0,02	0,02	0,02	0,02	0,02
XE-131M	0,87	0,87	0,87	0,87	0,87	0,88
XE-133M	0,68	0,68	0,68	0,68	0,68	0,68
XE-133	1,24	1,25	1,24	1,25	1,25	1,25
XE-135	15,82	15,94	15,91	15,93	15,94	15,98
CS-134	0,06	0,07	0,07	0,07	0,08	0,07
CS-137	0,09	0,09	0,10	0,12	0,15	0,14
BA-140	0,00	0,00	0,00	0,00	0,00	0,00
CE-141	0,00	0,00	0,00	0,00	0,00	0,00
CE-144	0,02	0,03	0,03	0,03	0,03	0,03
HF-181	0,01	0,01	0,01	0,01	0,01	0,01
PU-238	0,01	0,02	0,03	0,03	0,04	0,04
PU-239	0,01	0,01	0,02	0,03	0,03	0,04
PU-240	0,01	0,01	0,02	0,03	0,03	0,04
AM-241	0,10	0,18	0,28	0,32	0,42	0,44
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 4.5: Share of individual radio nuclides on annual IED form hydrosphere for individual age categories in zone 64 [%]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	76,38	84,79	79,45	80,77	73,91	72,34
C-14	0,00	0,00	0,00	0,00	0,00	0,00
AR-41	0,00	0,00	0,00	0,00	0,00	0,00
CR-51	0,02	0,03	0,03	0,04	0,04	0,03
MN-54	0,59	0,74	0,85	1,01	1,32	0,92
FE-59	0,01	0,01	0,01	0,01	0,01	0,02
CO-57	0,03	0,04	0,04	0,06	0,07	0,05
CO-58	0,16	0,23	0,24	0,32	0,38	0,26
CO-60	5,16	3,40	4,49	4,67	6,62	3,81
ZN-65	0,63	0,25	0,34	0,28	0,33	0,77
SE-75	0,00	0,00	0,00	0,00	0,00	0,00
KR-85M	0,00	0,00	0,00	0,00	0,00	0,00
KR-85	0,00	0,00	0,00	0,00	0,00	0,00
KR-87	0,00	0,00	0,00	0,00	0,00	0,00
KR-88	0,00	0,00	0,00	0,00	0,00	0,00
SR-89	0,00	0,00	0,00	0,00	0,00	0,00
SR-90	0,21	0,05	0,11	0,12	0,56	0,16
ZR-95	0,13	0,20	0,20	0,27	0,32	0,22
NB-95	0,00	0,01	0,01	0,01	0,01	0,80
RU-103	0,04	0,07	0,07	0,09	0,10	0,07
RH-106	0,00	0,00	0,00	0,00	0,00	0,00
AG-110M	12,12	4,01	7,78	4,14	5,75	2,82
SB-124	0,00	0,00	0,00	0,01	0,01	0,01
I-131E	0,00	0,00	0,00	0,00	0,00	0,00
I-131O	0,00	0,00	0,00	0,00	0,00	0,00
I-131A	0,82	1,16	1,00	0,72	0,54	0,34
XE-131M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133M	0,00	0,00	0,00	0,00	0,00	0,00
XE-133	0,00	0,00	0,00	0,00	0,00	0,00
XE-135	0,00	0,00	0,00	0,00	0,00	0,00
CS-134	1,27	1,81	1,90	2,62	3,26	5,45
CS-137	2,28	3,04	3,35	4,71	6,63	11,85
BA-140	0,00	0,00	0,00	0,00	0,00	0,00
CE-141	0,01	0,02	0,02	0,02	0,02	0,02
CE-144	0,13	0,13	0,12	0,13	0,13	0,09
HF-181	0,00	0,00	0,00	0,00	0,00	0,00
PU-238	0,00	0,00	0,00	0,00	0,00	0,00
PU-239	0,00	0,00	0,00	0,00	0,00	0,00
PU-240	0,00	0,00	0,00	0,00	0,00	0,00
AM-241	0,00	0,00	0,00	0,00	0,00	0,00
Súčet	100,00	100,00	100,00	100,00	100,00	100,00

Tab. 4.6: Annual individual effective and equivalent doses in zone 64, age category 0 – 1 year

Expozičná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	5,94E-11	6,69E-11	6,08E-11	3,93E-11	5,70E-11	9,15E-11	6,09E-11	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	1,79E-08	2,01E-08	1,76E-08	6,05E-09	1,65E-08	2,28E-08	1,77E-08	0,4
Expozícia z pobytu na zavlaž. pôde	[Sv]	1,04E-15	1,17E-15	1,03E-15	6,58E-16	9,84E-16	1,37E-15	1,06E-15	0,0
Expozícia z ingescie kontamin. vody	[Sv]	7,25E-07	2,69E-09	7,23E-07	7,84E-07	7,26E-07	7,21E-07	2,38E-07	5,3
Expozícia z ingescie kontamin. rýb	[Sv]	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,00E+00	0,0
Expozícia z potravín kontam. zavlaž.	[Sv]	9,21E-08	3,76E-08	4,63E-08	4,75E-08	1,48E-07	1,45E-08	5,68E-08	1,3
Hydrosféra	[Sv]	8,35E-07	6,05E-08	7,87E-07	8,37E-07	8,91E-07	7,58E-07	3,12E-07	
Hydrosféra	[%]	16,5	1,3	16,0	19,3	18,6	9,4		7,0
Expozícia z oblaku	[Sv]	3,41E-06	3,63E-06	3,14E-06	2,61E-06	2,99E-06	6,37E-06	3,33E-06	74,4
Expozícia z depozitu	[Sv]	6,94E-07	7,93E-07	7,11E-07	5,72E-07	6,85E-07	9,35E-07	7,27E-07	16,3
Expozícia z inhalácie	[Sv]	4,67E-09	1,26E-08	2,24E-07	3,05E-07	2,84E-10	8,33E-11	1,44E-08	0,3
Expozícia z potravín kontam. spadom	[Sv]	1,28E-07	5,56E-08	4,72E-08	1,68E-08	2,32E-07	6,75E-10	8,88E-08	2,0
Atmosféra	[Sv]	4,23E-06	4,49E-06	4,12E-06	3,51E-06	3,91E-06	7,30E-06	4,16E-06	
Atmosféra	[%]	83,5	98,7	84,0	80,7	81,4	90,6		93,0
SUMA	[Sv]	5,07E-06	4,55E-06	4,91E-06	4,34E-06	4,80E-06	8,06E-06	4,47E-06	100,0

Expozícia – exposition
... z kúpania ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 4.7: 50(70)-year bonds of CED from individual radio nuclides for individual age categories in zone 64 [Sv]

Rádionuklid	0 - 1	1 - 2	2 - 7	7 - 12	12 - 17	Dospelí
H-3	2,31E-06	1,74E-06	7,97E-06	1,07E-05	8,34E-06	9,89E-05
C-14	3,20E-08	5,80E-08	2,95E-07	5,69E-07	5,03E-07	4,57E-06
AR-41	5,23E-08	5,23E-08	2,61E-07	4,70E-07	4,70E-07	3,92E-06
CR-51	2,95E-09	2,90E-09	1,44E-08	2,55E-08	2,52E-08	2,13E-07
MN-54	5,27E-07	5,26E-07	2,64E-06	4,72E-06	4,73E-06	3,94E-05
FE-59	2,22E-08	2,24E-08	1,14E-07	2,04E-07	2,05E-07	1,70E-06
CO-57	3,08E-09	3,04E-09	1,52E-08	2,72E-08	2,71E-08	2,26E-07
CO-58	1,78E-07	1,79E-07	8,99E-07	1,62E-06	1,62E-06	1,34E-05
CO-60	1,14E-05	1,13E-05	5,68E-05	1,02E-04	1,02E-04	8,45E-04
ZN-65	5,90E-08	3,83E-08	2,00E-07	3,24E-07	3,13E-07	3,31E-06
SE-75	9,07E-09	9,13E-09	4,58E-08	8,22E-08	8,21E-08	6,82E-07
KR-85M	4,49E-07	4,49E-07	2,24E-06	4,04E-06	4,04E-06	3,36E-05
KR-85	1,32E-08	1,32E-08	6,61E-08	1,19E-07	1,19E-07	9,91E-07
KR-87	6,61E-06	6,61E-06	3,31E-05	5,95E-05	5,95E-05	4,96E-04
KR-88	1,76E-05	1,76E-05	8,79E-05	1,58E-04	1,58E-04	1,32E-03
SR-89	1,90E-11	1,53E-11	7,28E-11	1,18E-10	1,15E-10	8,55E-10
SR-90	1,75E-08	5,36E-09	3,39E-08	8,57E-08	1,86E-07	6,23E-07
ZR-95	3,25E-08	3,32E-08	1,68E-07	3,03E-07	3,06E-07	2,51E-06
NB-95	1,30E-08	1,32E-08	6,67E-08	1,20E-07	1,21E-07	2,08E-06
RU-103	3,85E-09	4,06E-09	2,03E-08	3,64E-08	3,61E-08	2,98E-07
RH-106	2,07E-15	2,07E-15	1,04E-14	1,87E-14	1,87E-14	1,56E-13
AG-110M	8,97E-06	8,33E-06	4,21E-05	7,43E-05	7,36E-05	6,08E-04
SB-124	5,73E-08	5,81E-08	2,93E-07	5,27E-07	5,29E-07	4,37E-06
I-131E	5,96E-08	6,16E-08	3,13E-07	5,50E-07	5,47E-07	4,40E-06
I-131O	1,19E-08	1,55E-08	8,65E-08	1,33E-07	1,27E-07	7,79E-07
I-131A	3,27E-08	3,27E-08	1,47E-07	1,74E-07	1,38E-07	1,02E-06
XE-131M	3,49E-07	3,49E-07	1,75E-06	3,14E-06	3,14E-06	2,62E-05
XE-133M	2,72E-07	2,72E-07	1,36E-06	2,45E-06	2,45E-06	2,04E-05
XE-133	4,98E-07	4,98E-07	2,49E-06	4,48E-06	4,48E-06	3,73E-05
XE-135	6,37E-06	6,37E-06	3,18E-05	5,73E-05	5,73E-05	4,77E-04
CS-134	1,83E-07	1,82E-07	9,18E-07	1,66E-06	1,71E-06	1,86E-05
CS-137	8,92E-07	8,86E-07	4,47E-06	8,12E-06	8,36E-06	7,88E-05
BA-140	1,95E-10	2,44E-10	1,32E-09	2,40E-09	2,51E-09	1,84E-08
CE-141	7,43E-10	7,71E-10	3,95E-09	7,06E-09	7,32E-09	5,67E-08
CE-144	1,34E-08	1,64E-08	8,69E-08	1,43E-07	1,38E-07	1,06E-06
HF-181	2,75E-09	2,86E-09	1,46E-08	2,65E-08	2,71E-08	2,19E-07
PU-238	3,73E-09	6,95E-09	5,42E-08	1,12E-07	1,44E-07	1,28E-06
PU-239	2,89E-09	5,45E-09	4,38E-08	9,22E-08	1,19E-07	1,05E-06
PU-240	2,92E-09	5,48E-09	4,40E-08	9,25E-08	1,19E-07	1,05E-06
AM-241	4,22E-08	7,59E-08	5,73E-07	1,18E-06	1,54E-06	1,34E-05
Súčet	5,71E-05	5,58E-05	2,79E-04	4,98E-04	4,95E-04	4,16E-03

Tab. 4.8: 50(70)-year bonds of collective effective and equivalent doses in zone 64, age category - adults

Expozičná cesta		Telový orgán						Efektívna dávka	
		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	4,31E-08	4,86E-08	4,41E-08	2,85E-08	4,14E-08	6,64E-08	4,42E-08	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	8,99E-05	1,01E-04	8,97E-05	3,34E-05	8,46E-05	1,15E-04	8,94E-05	2,1
Expozícia z pobytu na zavlaž. pôde	[Sv]	3,05E-12	3,43E-12	3,05E-12	1,46E-12	2,88E-12	3,93E-12	3,06E-12	0,0
Expozícia z ingescie kontamin. vody	[Sv]	9,22E-05	3,62E-07	9,20E-05	9,97E-05	9,24E-05	9,17E-05	9,79E-05	2,4
Expozícia z ingescie kontamin. rýb	[Sv]	1,86E-05	1,55E-05	1,55E-05	1,64E-05	1,58E-05	5,13E-07	1,71E-05	0,4
Expozícia z potravín kontam. zavlaž.	[Sv]	8,46E-06	5,56E-06	4,64E-06	4,60E-06	1,27E-05	9,07E-07	8,35E-06	0,2
Hydrosféra	[Sv]	2,09E-04	1,23E-04	2,02E-04	1,54E-04	2,06E-04	2,08E-04	2,13E-04	
Hydrosféra	[%]	5,1	2,8	4,9	4,4	5,3	3,1		5,1
Expozícia z oblaku	[Sv]	2,47E-03	2,64E-03	2,28E-03	1,90E-03	2,17E-03	4,62E-03	2,42E-03	58,0
Expozícia z depozitu	[Sv]	1,39E-03	1,63E-03	1,50E-03	1,27E-03	1,47E-03	1,89E-03	1,49E-03	35,8
Expozícia z inhalácie	[Sv]	5,25E-06	1,86E-05	1,10E-04	1,49E-04	1,40E-07	4,08E-08	2,70E-05	0,6
Expozícia z potravín kontam. spadom	[Sv]	1,77E-05	1,34E-05	1,01E-05	7,36E-06	2,64E-05	2,00E-07	1,75E-05	0,4
Atmosféra	[Sv]	3,88E-03	4,30E-03	3,90E-03	3,32E-03	3,67E-03	6,51E-03	3,95E-03	
Atmosféra	[%]	94,9	97,2	95,1	95,6	94,7	96,9		94,9
SUMA	[Sv]	4,09E-03	4,42E-03	4,11E-03	3,47E-03	3,88E-03	6,72E-03	4,16E-03	100,0

Expozícia – exposition
... z kúpania ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 4.9: 50(70)-year bonds of CED for all zones

Veková kategória	[rok]	0-1	1-2	2-7	7-12	12-17	Dospelí	suma
KD	[manmSv]	4,78	4,69	23,43	41,78	41,56	349,0	465,3
KD	[%]	1,03	1,01	5,04	8,98	8,93	75,02	100,00

Tab. 4.10: Share of individual radio nuclides on 50(70)-year CED bonds from atmosphere for age category “adults” for all zones

Rádionuklid	KED [Sv]	[%]
CO 60	9,42E-02	28,407
KR 88	8,09E-02	24,393
AG 110M	7,03E-02	21,185
XE 135	4,02E-02	12,106
KR 87	2,08E-02	6,255
MN 54	4,35E-03	1,31
XE 133	3,76E-03	1,133
XE 131M	2,66E-03	0,802
CS 137	2,65E-03	0,799
KR 85M	2,41E-03	0,726
XE 133M	2,01E-03	0,606
AM 241	1,71E-03	0,514
CO 58	1,52E-03	0,459
CS 134	6,82E-04	0,205
C 14	5,96E-04	0,18
SB 124	5,09E-04	0,153
I 131E	4,42E-04	0,133
ZN 65	2,61E-04	0,079
ZR 95	2,59E-04	0,078
AR 41	1,99E-04	0,06
FE 59	1,96E-04	0,059
PU 238	1,63E-04	0,049
PU 240	1,34E-04	0,04
PU 239	1,34E-04	0,04
NB 95	1,15E-04	0,035
CE 144	1,10E-04	0,033
I 131O	1,03E-04	0,031
KR 85	1,01E-04	0,031
SE 75	7,93E-05	0,024
I 131A	6,77E-05	0,02
SR 90	4,81E-05	0,015
H 3	4,15E-05	0,012
HF 181	2,58E-05	0,008
RU 103	2,33E-05	0,007
CR 51	1,97E-05	0,006
CO 57	1,38E-05	0,004
CE 141	4,37E-06	0,001
Súčet	3,32E-01	100,0

Tab. 4.11: Share of individual radio nuclides on 50(70)-year CED bonds from hydrosphere for age category "adults" for all zones

Rádionuklid	KED [Sv]	[%]
H 3	8,19E-03	47,307
CS 137	4,58E-03	26,497
CO 60	2,90E-03	16,747
CS 134	1,04E-03	6,031
MN 54	1,56E-04	0,899
AG 110M	1,26E-04	0,729
NB 95	9,09E-05	0,526
ZN 65	8,04E-05	0,465
I 131A	3,77E-05	0,218
CO 58	2,99E-05	0,173
ZR 95	2,50E-05	0,144
CE 144	1,49E-05	0,086
CO 57	8,90E-06	0,051
RU 103	8,20E-06	0,047
SR 90	5,58E-06	0,032
CR 51	3,59E-06	0,021
FE 59	2,14E-06	0,012
CE 141	1,72E-06	0,01
SB 124	5,44E-07	0,003
Súčet	1,73E-02	100,0

Tab. 4.12: 50(70)-year bonds of collective effective and equivalent doses for all zones

		Telový orgán						Efektívna dávka	
Expozičná cesta		Gonády	Kost. dreň	Pľúca	Štít. žľaza	GI-ULI	Koža	[Sv]	[%]
Expozícia z kúpania	[Sv]	4,77E-06	5,37E-06	4,88E-06	3,15E-06	4,58E-06	7,35E-06	4,89E-06	0,0
Expozícia z kontam. pobrež. naplavenín	[Sv]	9,96E-03	1,12E-02	9,94E-03	3,70E-03	9,38E-03	1,27E-02	9,91E-03	2,1
Expozícia z pobytu na zavlaž. pôde	[Sv]	3,38E-10	3,80E-10	3,37E-10	1,61E-10	3,20E-10	4,36E-10	3,39E-10	0,0
Expozícia z ingescie kontamin. vody	[Sv]	1,26E-02	4,88E-05	1,26E-02	1,36E-02	1,26E-02	1,25E-02	1,07E-02	2,3
Expozícia z ingescie kontamin. rýb	[Sv]	1,54E-03	1,29E-03	1,29E-03	1,36E-03	1,31E-03	4,26E-05	1,42E-03	0,3
Expozícia z potravín kontam. zavlaž.	[Sv]	6,25E-04	3,45E-04	4,28E-04	5,99E-04	8,26E-04	1,50E-04	4,97E-04	0,1
Hydrosféra	[Sv]	2,47E-02	1,29E-02	2,42E-02	1,93E-02	2,42E-02	2,54E-02	2,25E-02	
Hydrosféra	[%]	5,4	2,6	5,1	4,9	5,7	3,2		4,84
Expozícia z oblaku	[Sv]	2,14E-01	2,29E-01	1,90E-01	1,45E-01	1,63E-01	4,71E-01	2,04E-01	43,8
Expozícia z depozitu	[Sv]	2,15E-01	2,53E-01	2,33E-01	1,97E-01	2,28E-01	2,94E-01	2,31E-01	49,6
Expozícia z inhalácie	[Sv]	9,48E-04	3,28E-03	2,23E-02	2,95E-02	2,83E-05	8,25E-06	4,52E-03	1,0
Expozícia z potravín kontam. spadom	[Sv]	3,73E-03	2,55E-03	2,01E-03	1,38E-03	5,77E-03	4,18E-05	3,27E-03	0,7
Atmosféra	[Sv]	4,34E-01	4,88E-01	4,47E-01	3,72E-01	3,97E-01	7,65E-01	4,43E-01	
Atmosféra	[%]	94,6	97,4	94,9	95,1	94,3	96,8		95,14
SUMA	[Sv]	4,59E-01	5,01E-01	4,71E-01	3,92E-01	4,22E-01	7,90E-01	4,65E-01	100

Expozícia – exposition
... z kúpania ... - at swimming or sailing
... z kontaminovaných ... - by contaminated bank sediments
...z pobytu ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Tab. 5.1: Sum of calculated IED and CED values from operation of 4 reactors in NPP Mochovce on environment

Kategória obyvateľov	Normálna prevádzka		100 % limitných hodnôt	
	IED [µSv]	KED [manmSv]	IED [µSv]	KED [manmSv]
kojenci	0,215		4,47	
dospelí	0,131		4,30	
dospelí		0,097		4,16
celý región		10,7		465,3

Category of citizens	Standard operation	100 % of limit values
infants		
adults		
adults		
whole region		

Tab. 5.2: Average annual doses from natural sources

Table 1
Average radiation dose from natural sources

Source	*Worldwide average annual effective dose (mSv)*	*Typical range (mSv)*
External exposure		
Cosmic rays	0.4	0.3-1.0 [a]
Terrestrial gamma rays	0.5	0.3-0.6 [b]
Internal exposure		
Inhalation (mainly radon)	1.2	0.2-10 [c]
Ingestion	0.3	0.2-0.8 [d]
Total	2.4	1-10

a Range from sea level to high ground elevation.
b Depending on radionuclide composition of soil and building materials.
c Depending on indoor accumulation of radon gas.
d Depending on radionuclide composition of foods and drinking water.

Fig. 3.1: Numbering of zones

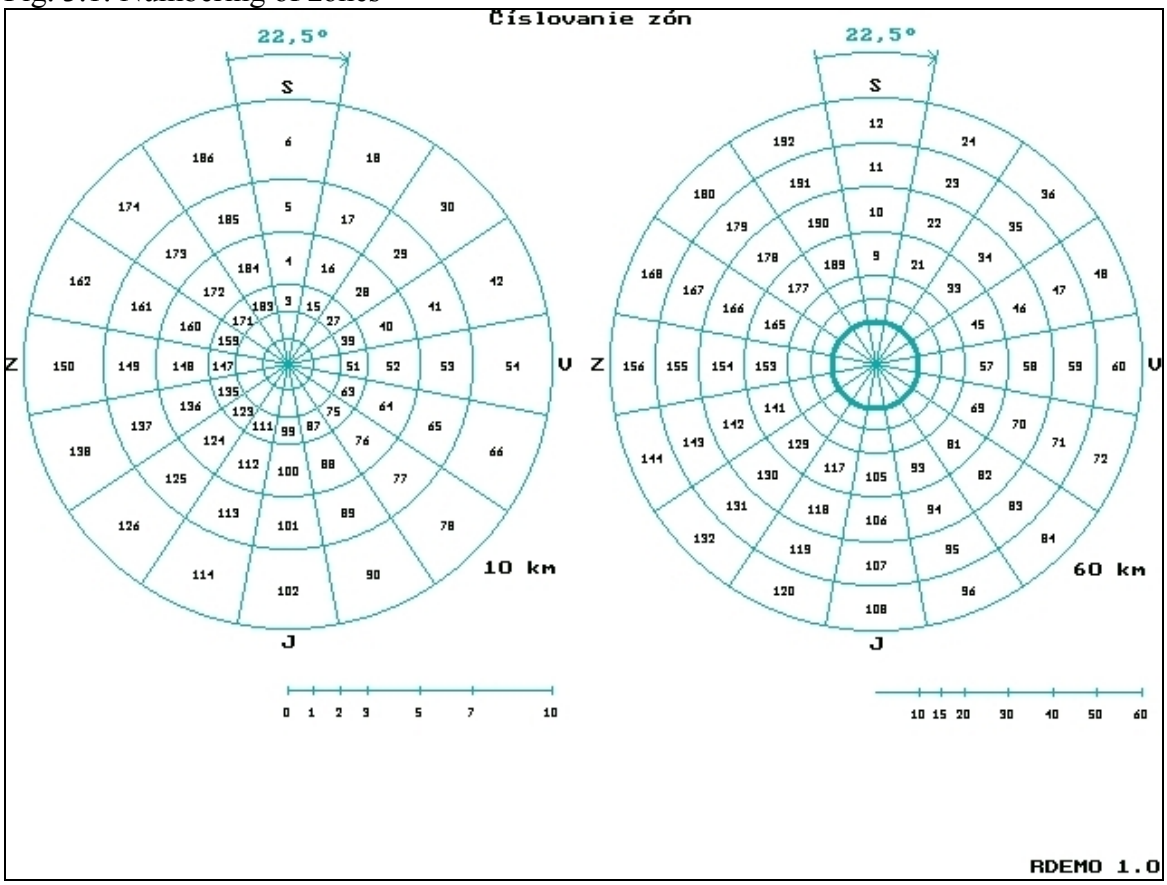
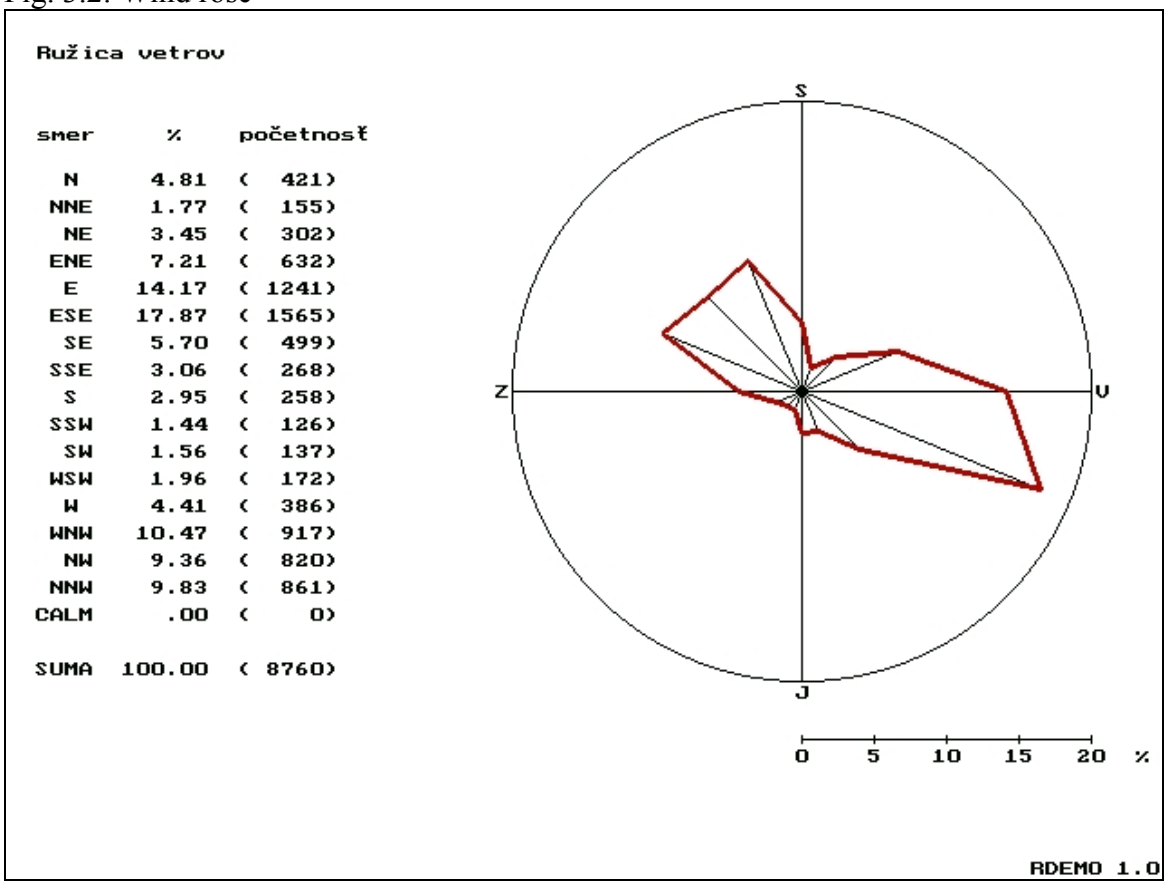


Fig. 3.2: Wind rose



smer	%	početnosť
N	4.81	(421)
NNE	1.77	(155)
NE	3.45	(302)
ENE	7.21	(632)
E	14.17	(1241)
ESE	17.87	(1565)
SE	5.70	(499)
SSE	3.06	(268)
S	2.95	(258)
SSW	1.44	(126)
SW	1.56	(137)
WSW	1.96	(172)
W	4.41	(386)
WNW	10.47	(917)
NW	9.36	(820)
NNW	9.83	(861)
CALM	.00	(0)
SUMA	100.00	(8760)

Fig. 3.3: Flowchart of radiation pathways from atmosphere

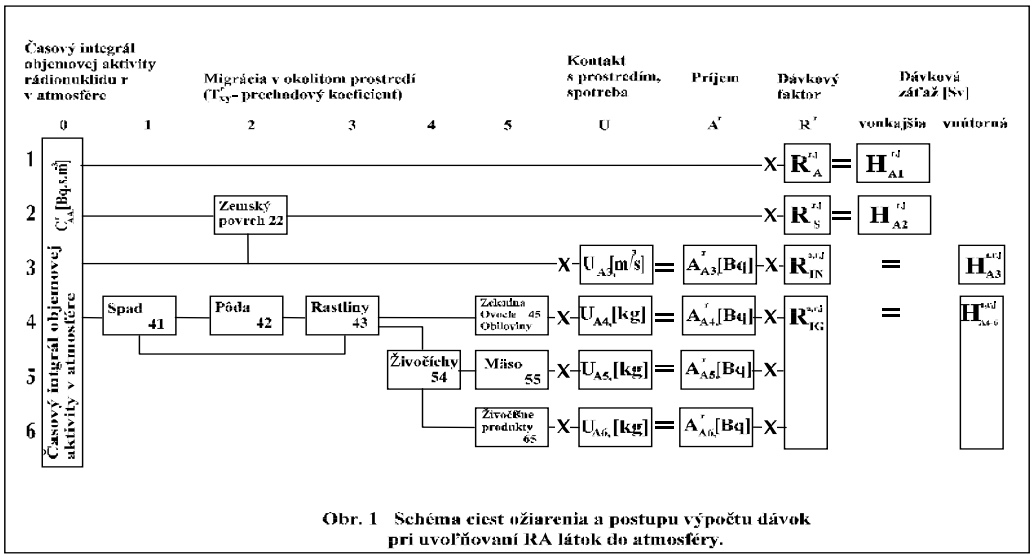


Fig. 3.4: Flowchart of radiation pathways from hydrosphere

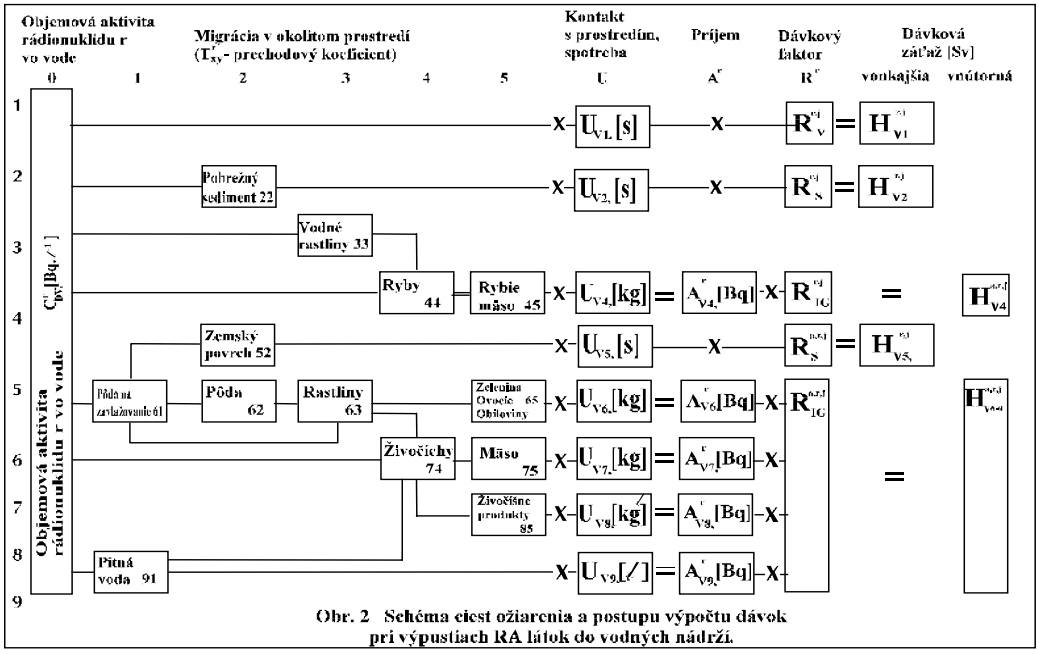


Fig. 3.5: Transport model flowchart

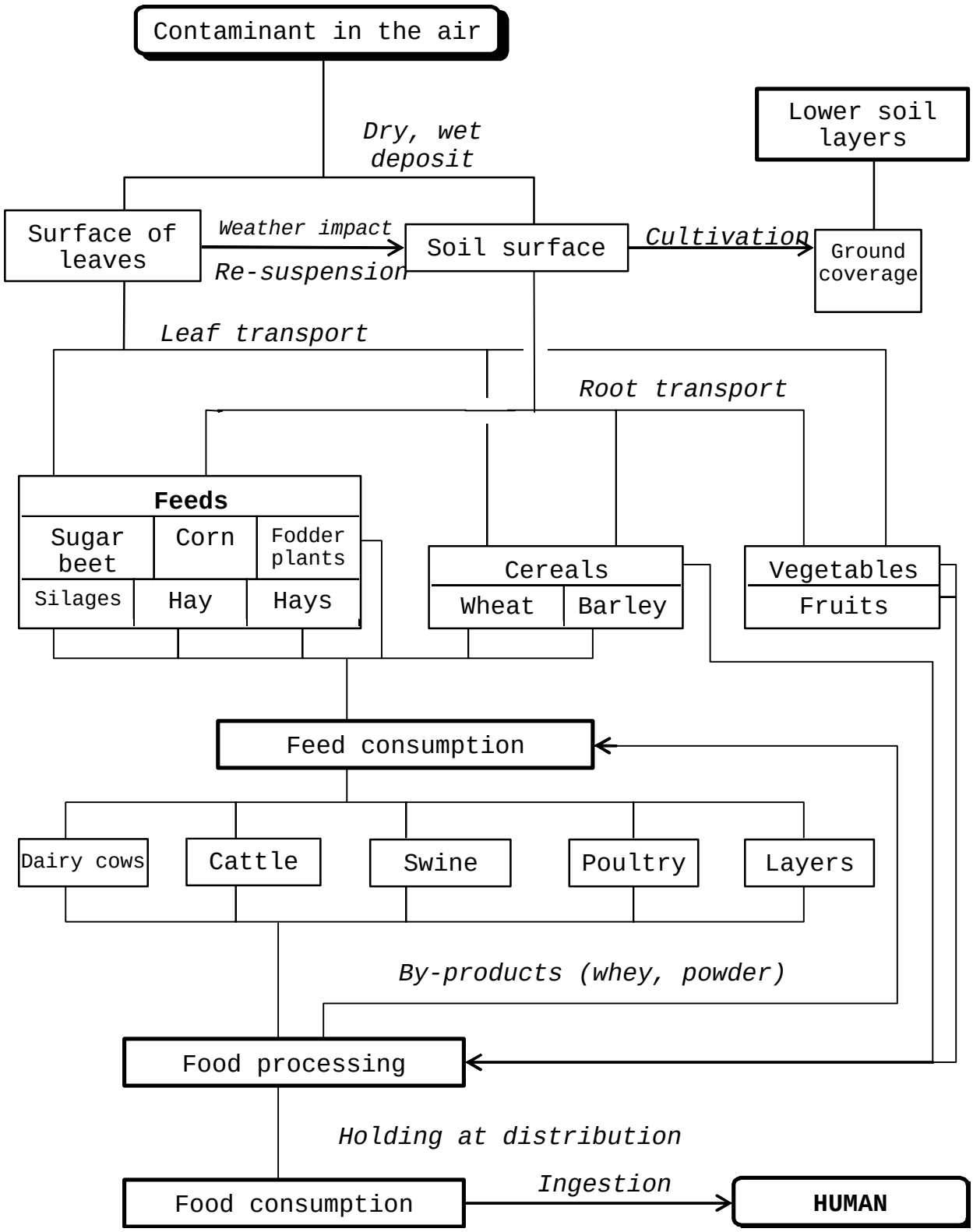


Fig. 3.6: Annual IED for all zones (radius 10km)

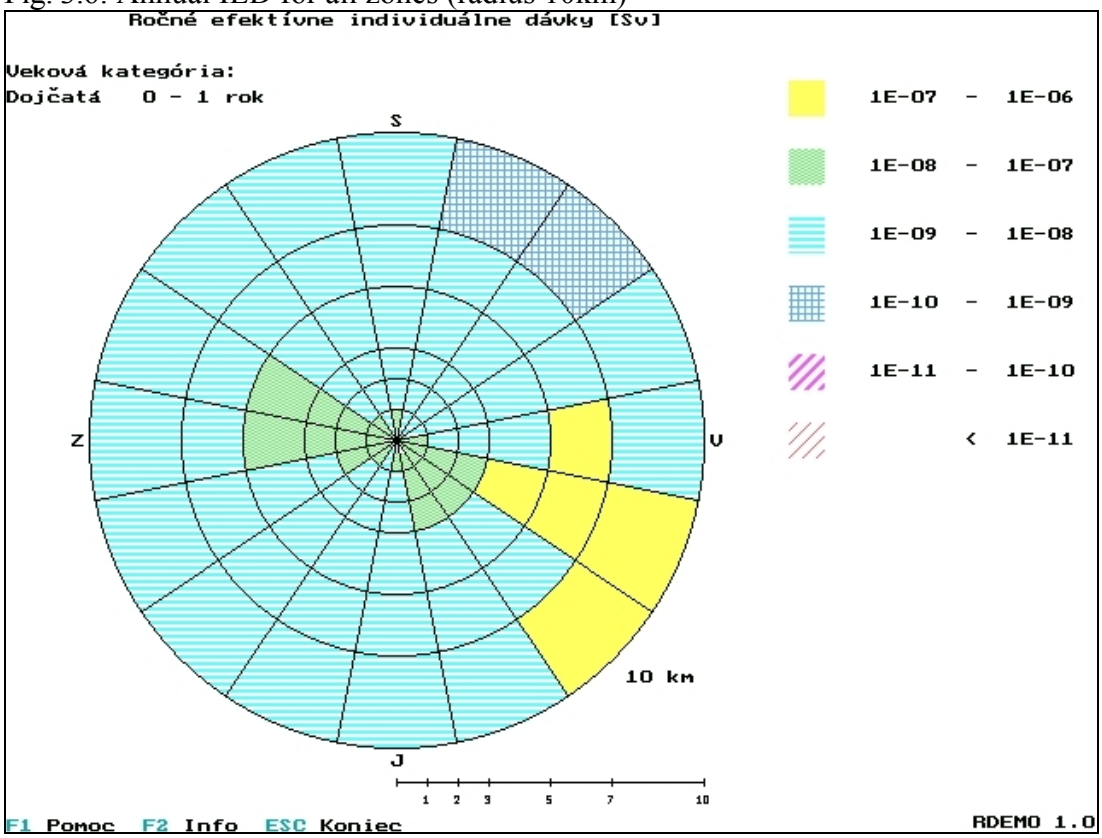


Fig. 3.7: Annual IED for all zones (radius 60km)

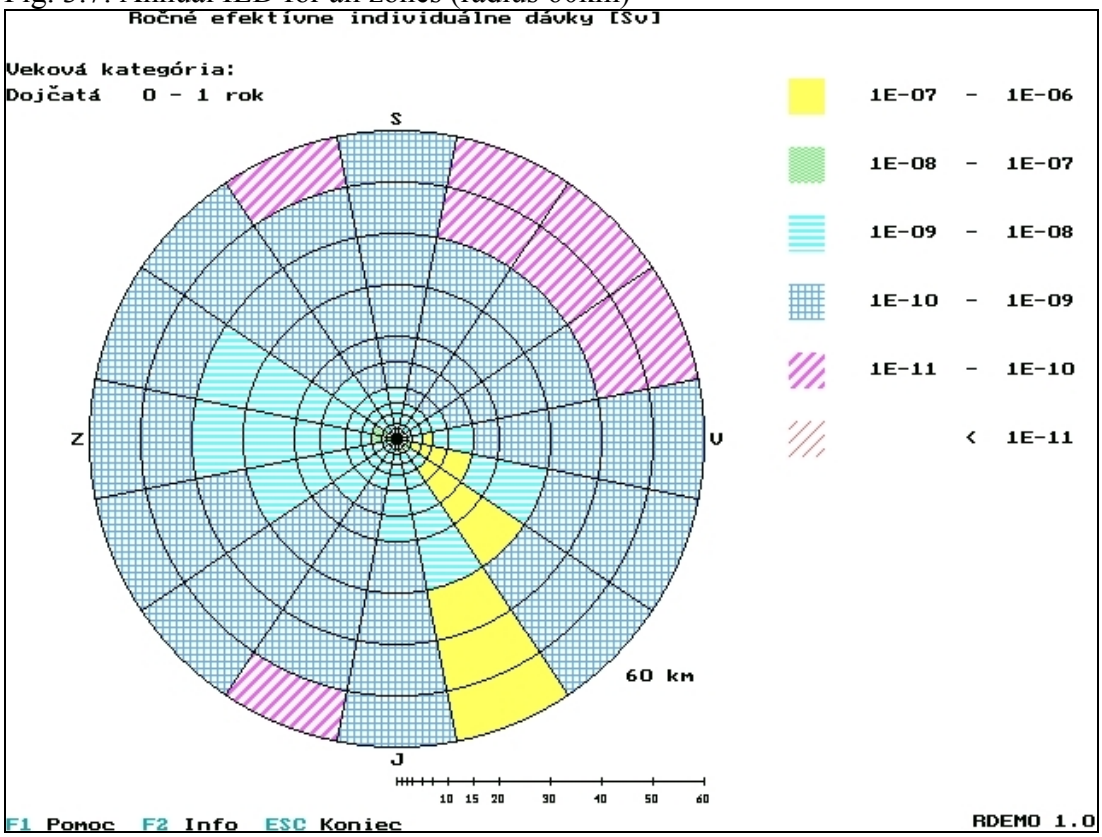


Fig. 3.8: 50(70)-year CED bonds for all zones (radius 10km)

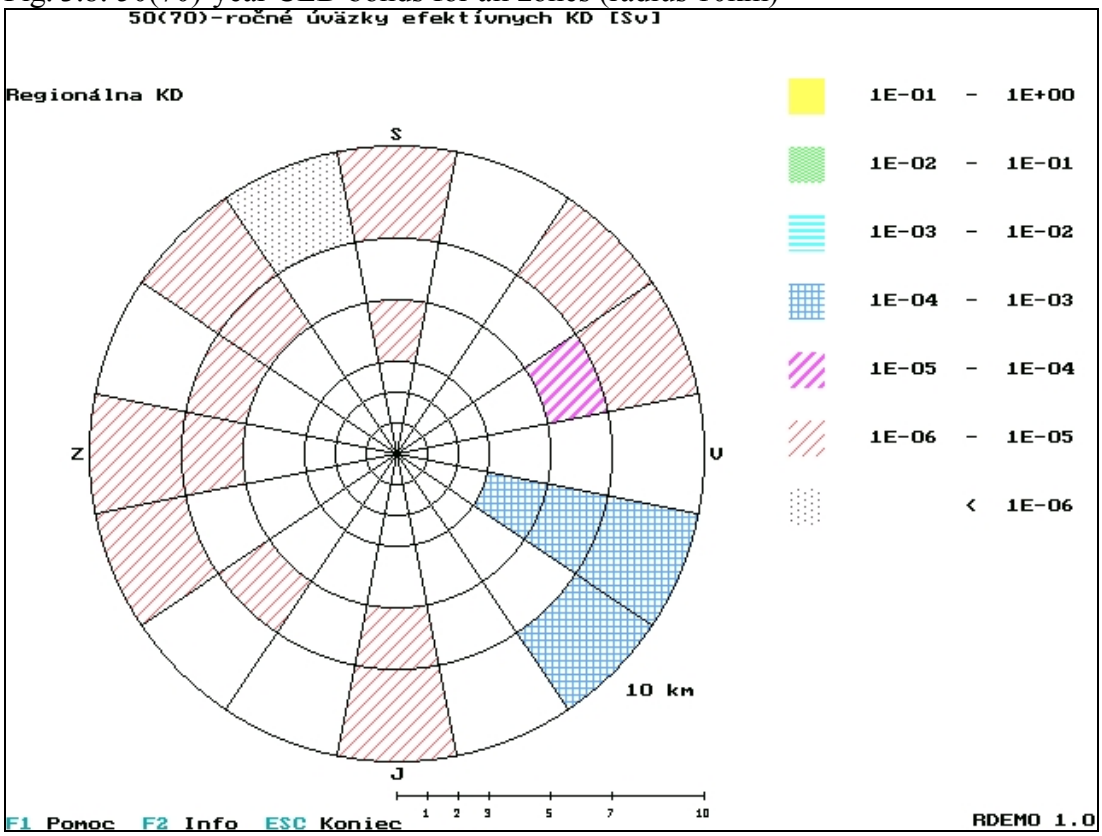


Fig. 3. 9: 50(70)- year CED bonds for all zones (radius 60km)

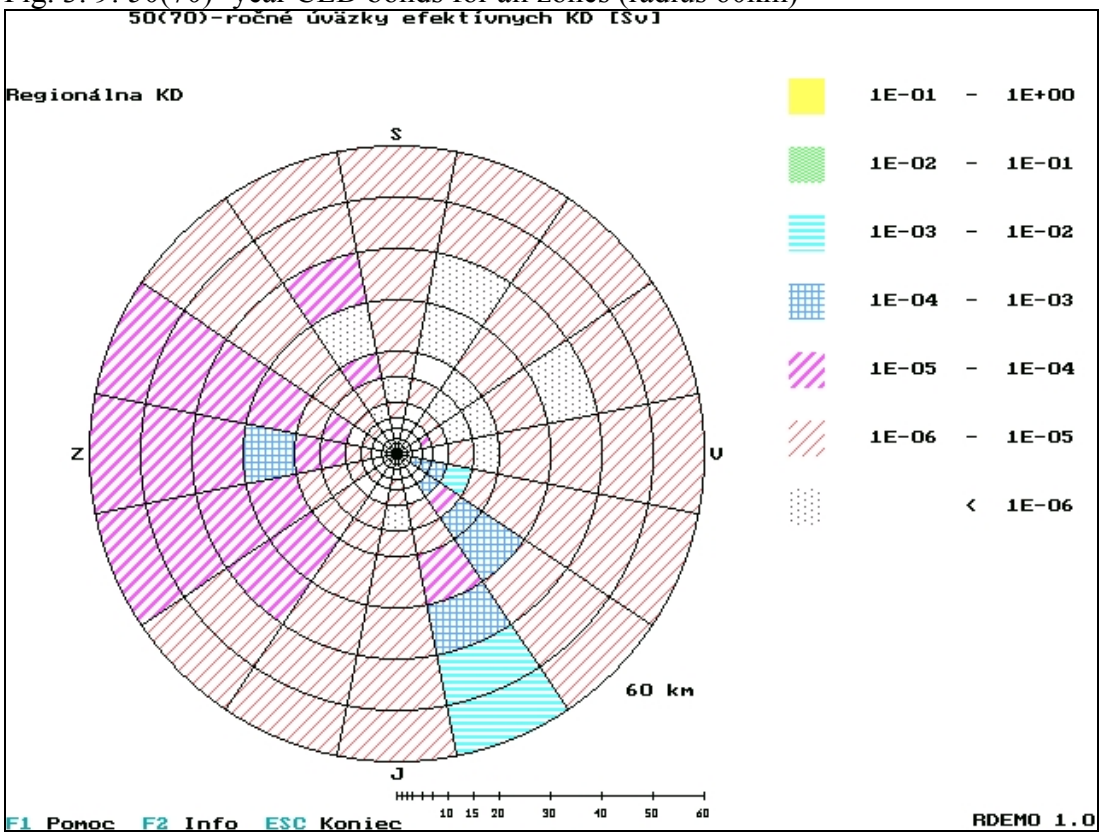
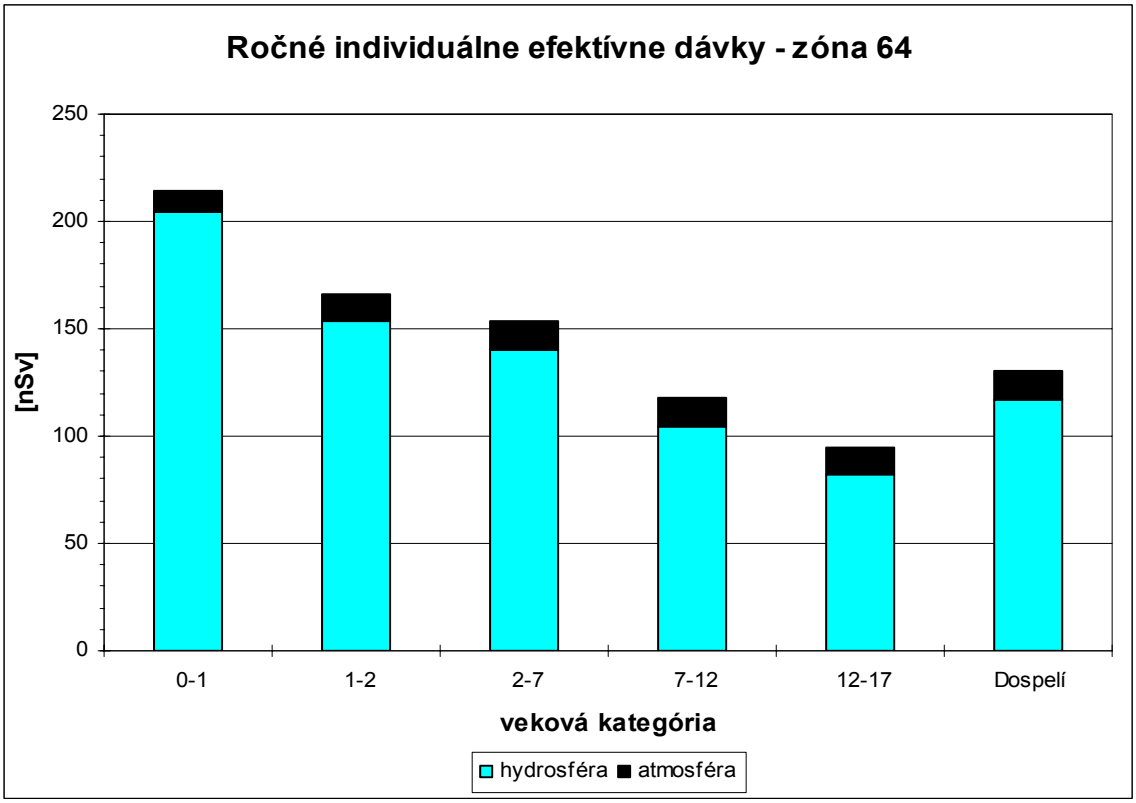
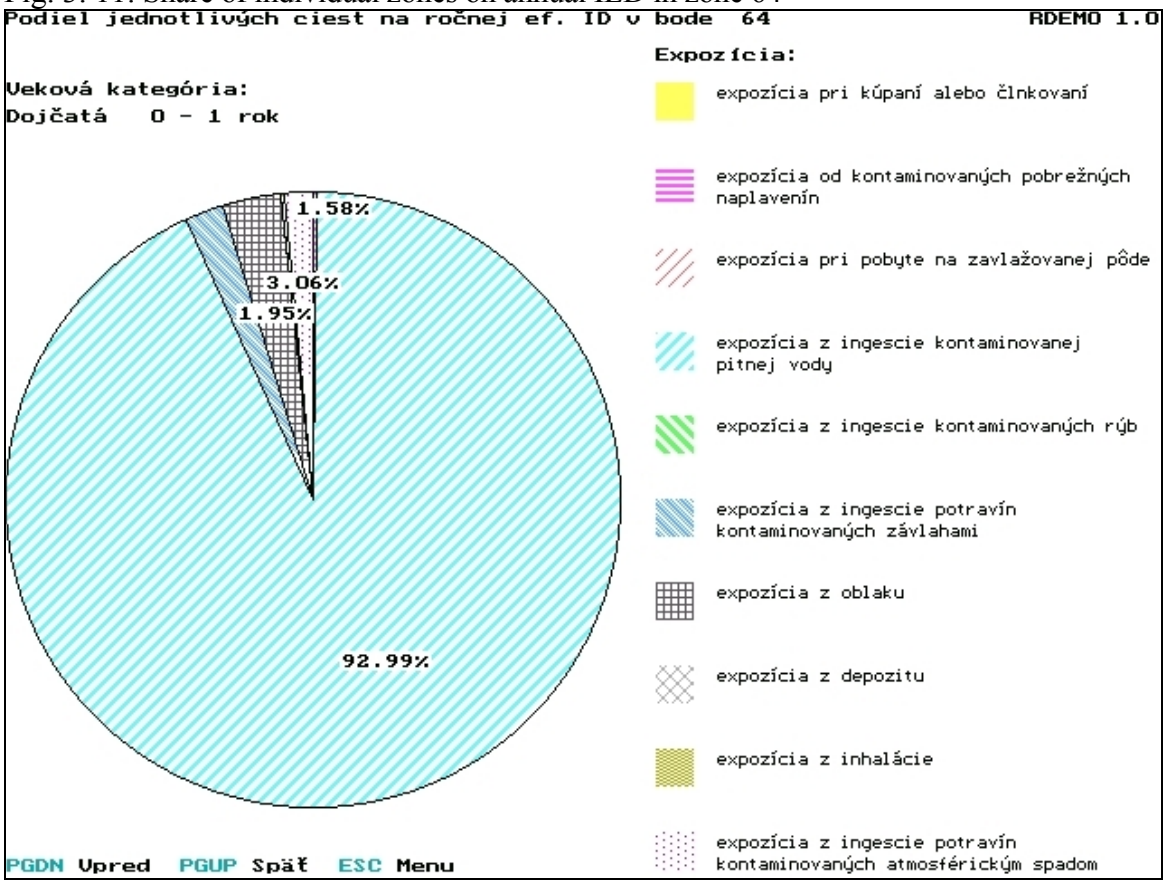


Fig. 3.10: Annual individual effective doses in zone 64



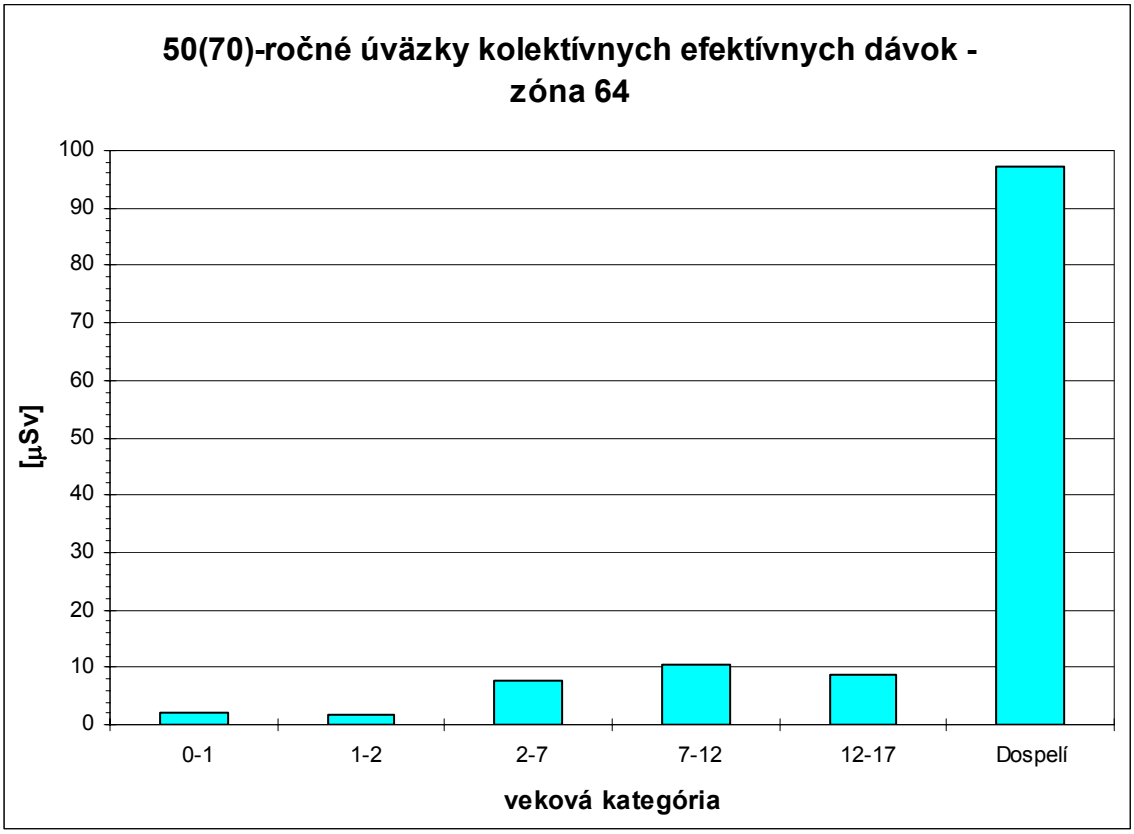
Veková ... - age category
Hydrosféra - hydrosphere
Atmosféra - atmosphere

Fig. 3. 11: Share of individual zones on annual IED in zone 64



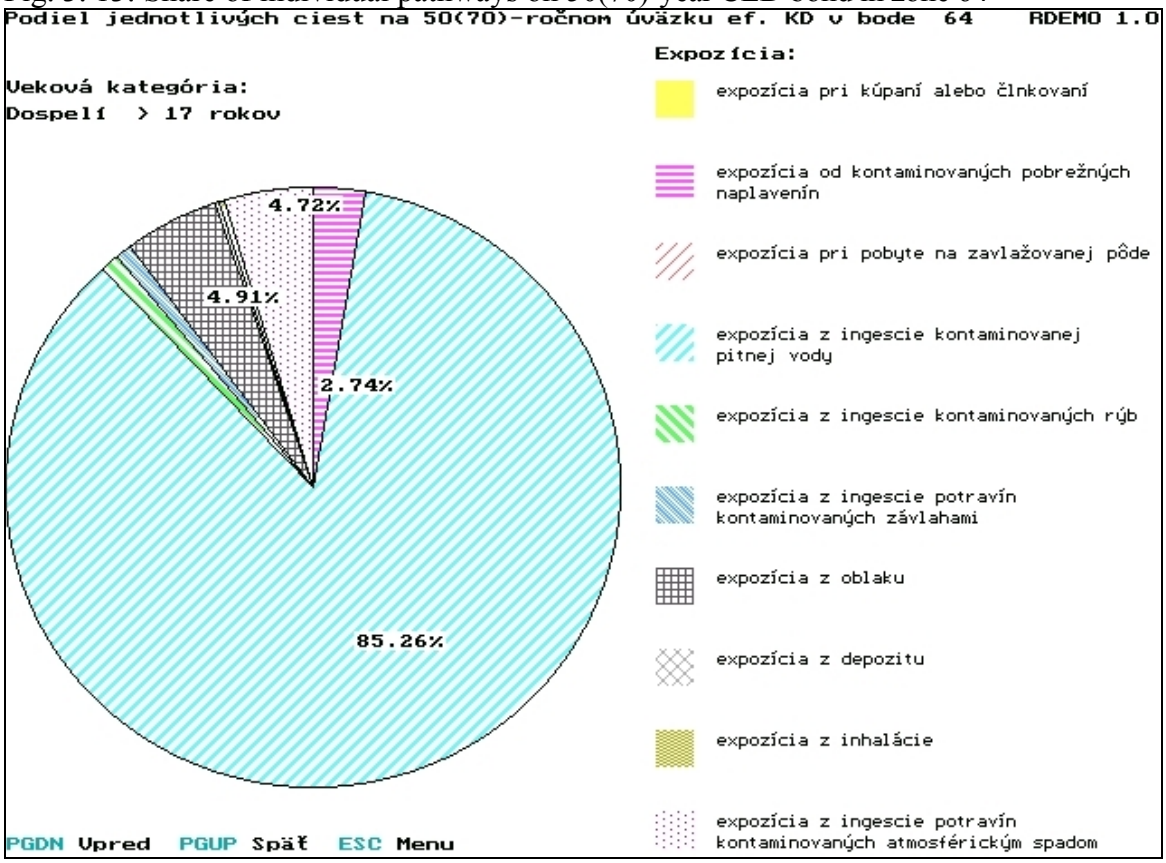
Expozícia – exposition
... pri kúpaní ... - at swimming or sailing
... od kontaminovaných ... - by contaminated bank sediments
... pri pobyte ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 3.12: 50(70)-year CED bonds in zone 64



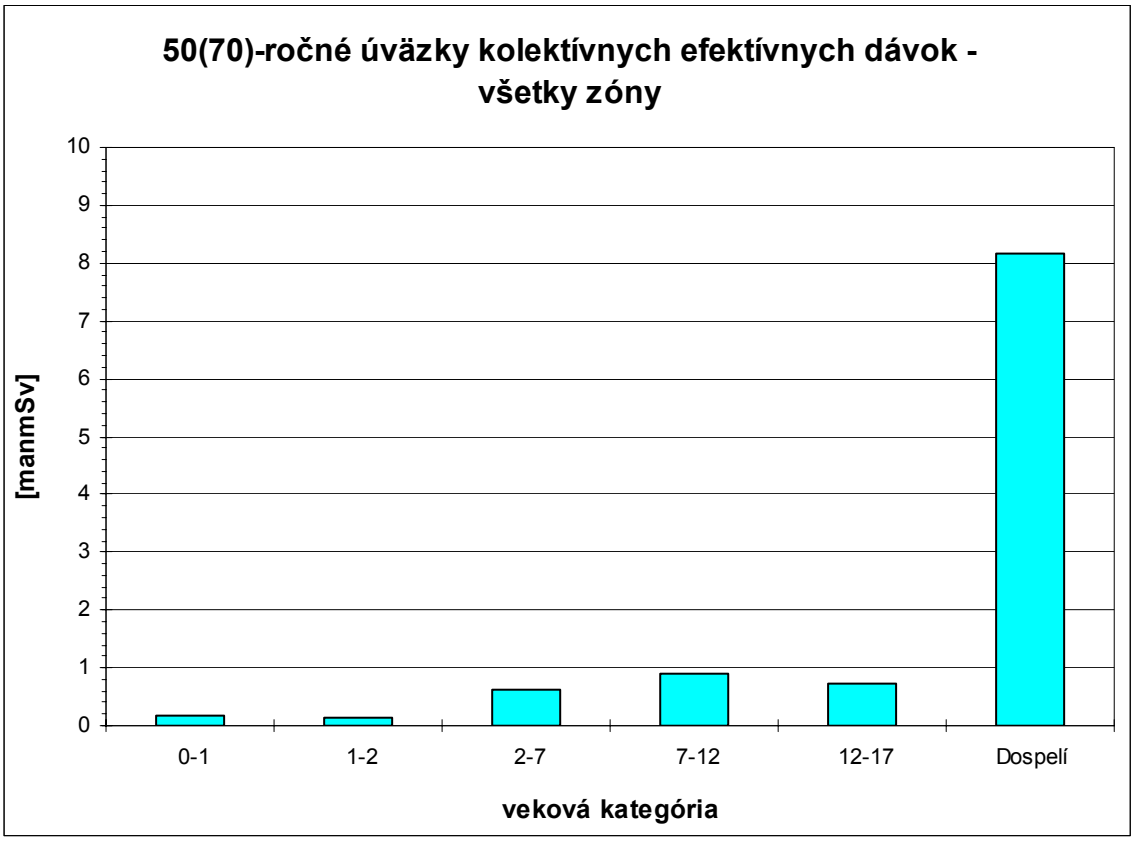
Veková ... - age category

Fig. 3. 13: Share of individual pathways on 50(70)-year CED bond in zone 64



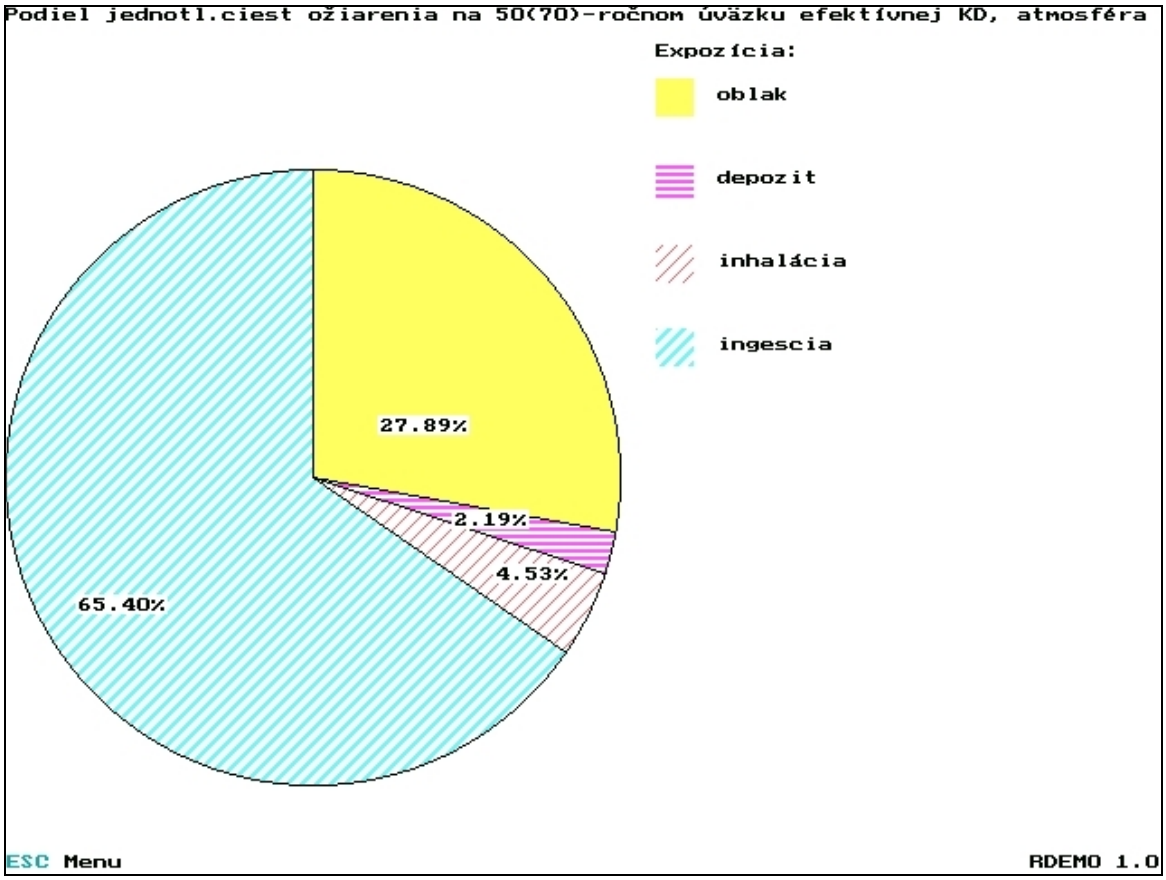
Expozícia – exposition
... pri kúpaní ... - at swimming or sailing
... od kontaminovaných ... - by contaminated bank sediments
... pri pobyte ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 3. 14: 50(70)-year CED bonds for all zones



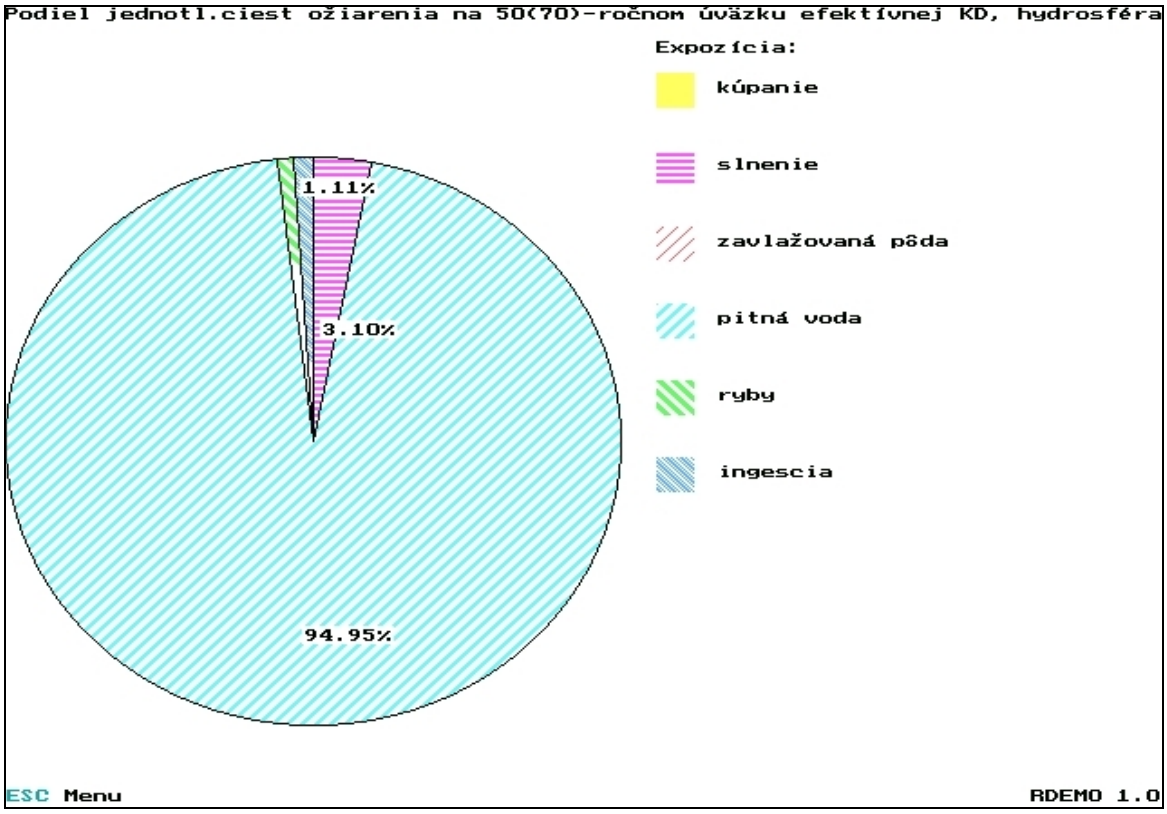
Veková … - age category

Fig. 3.15: Share of individual pathways on 50(70)-year CED bond from atmosphere, for all zones



Oblak – cloud
Deposit – deposit
Inhalácia – inhalation
Ingescia – ingestion

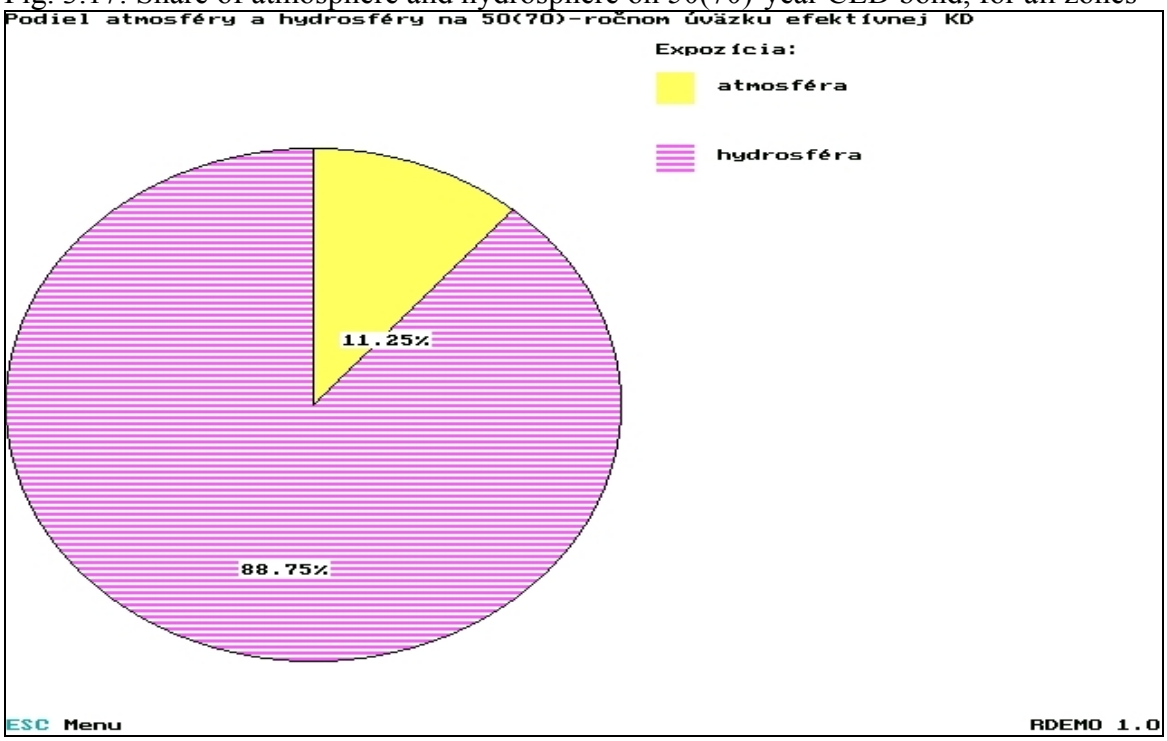
Fig. 3.16: Share of individual pathways on 50(70)-year CED bond from hydrosphere, for all zones



Kúpanie – swimming

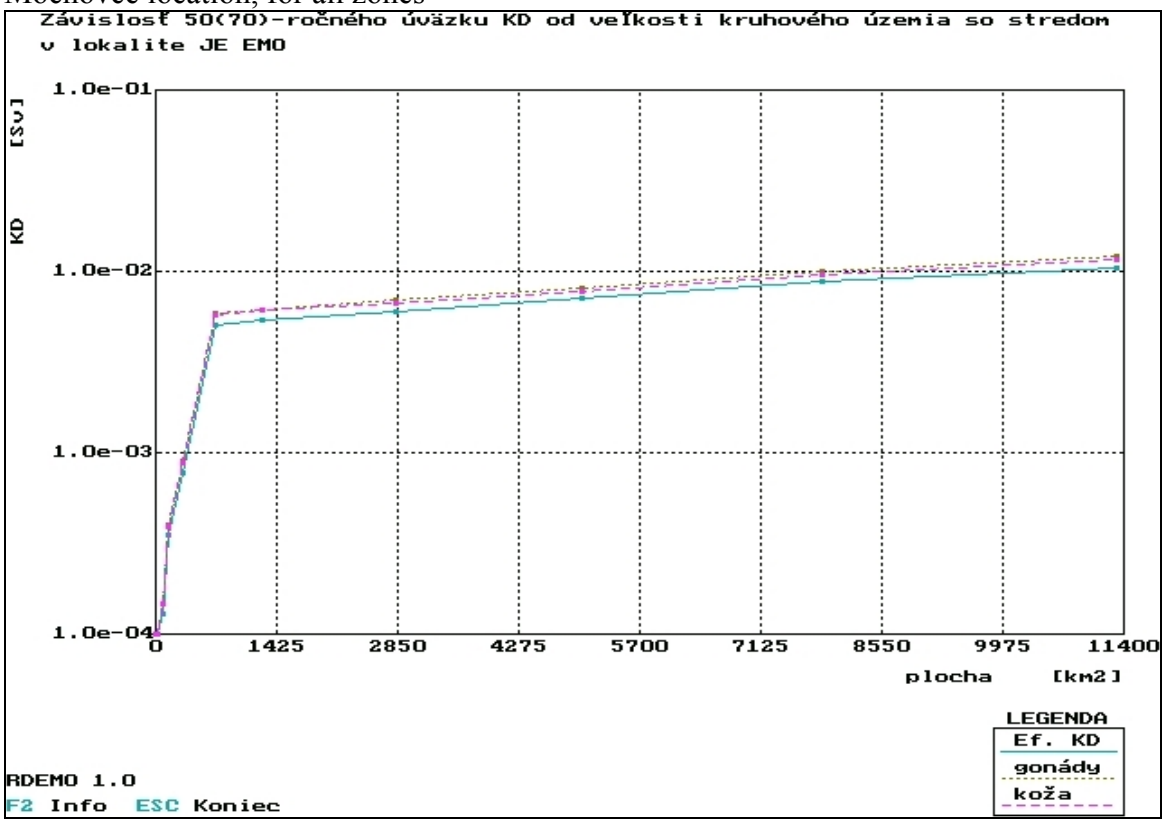
Slnenie – sunbathing
Zavlažovaná pôda – irrigated land
Pitná voda – potable water
Ryby – fish
Ingescia - ingestion

Fig. 3.17: Share of atmosphere and hydrosphere on 50(70)-year CED bond, for all zones



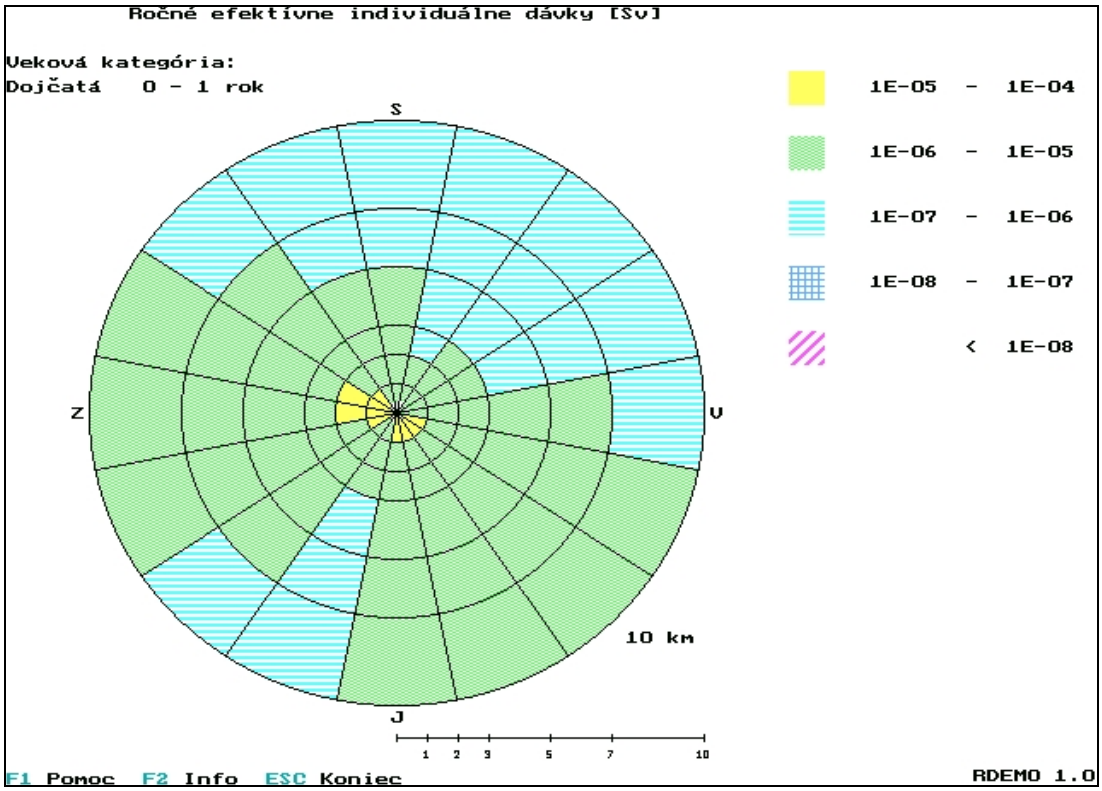
Atmosféra - atmosphere
Hydrosféra - hydrosphere

Fig. 3.18: Dependence of 50(70)-year CED bond on the circular territory size in center in NPP Mochovce location, for all zones



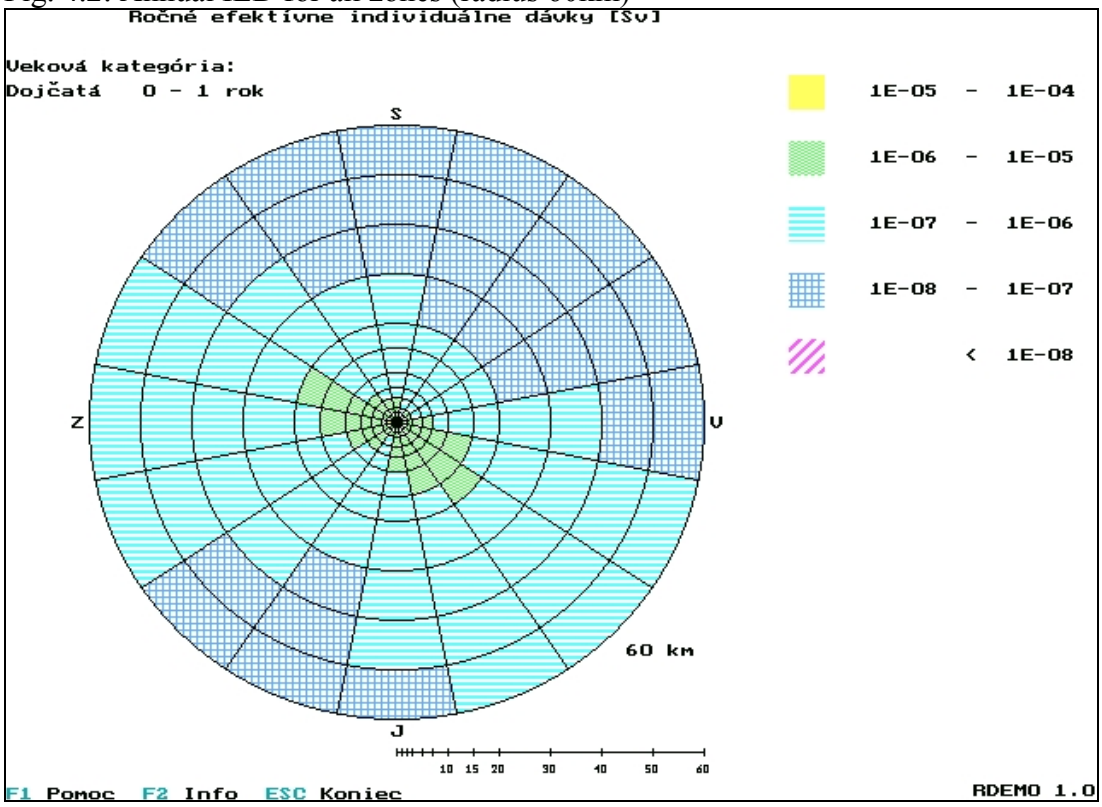
Legend:
Ef. KD – effective collective dose
Gonády – gonads
Koža - skin

Fig. 4.1: Annual IED for all zones (radius 10km)



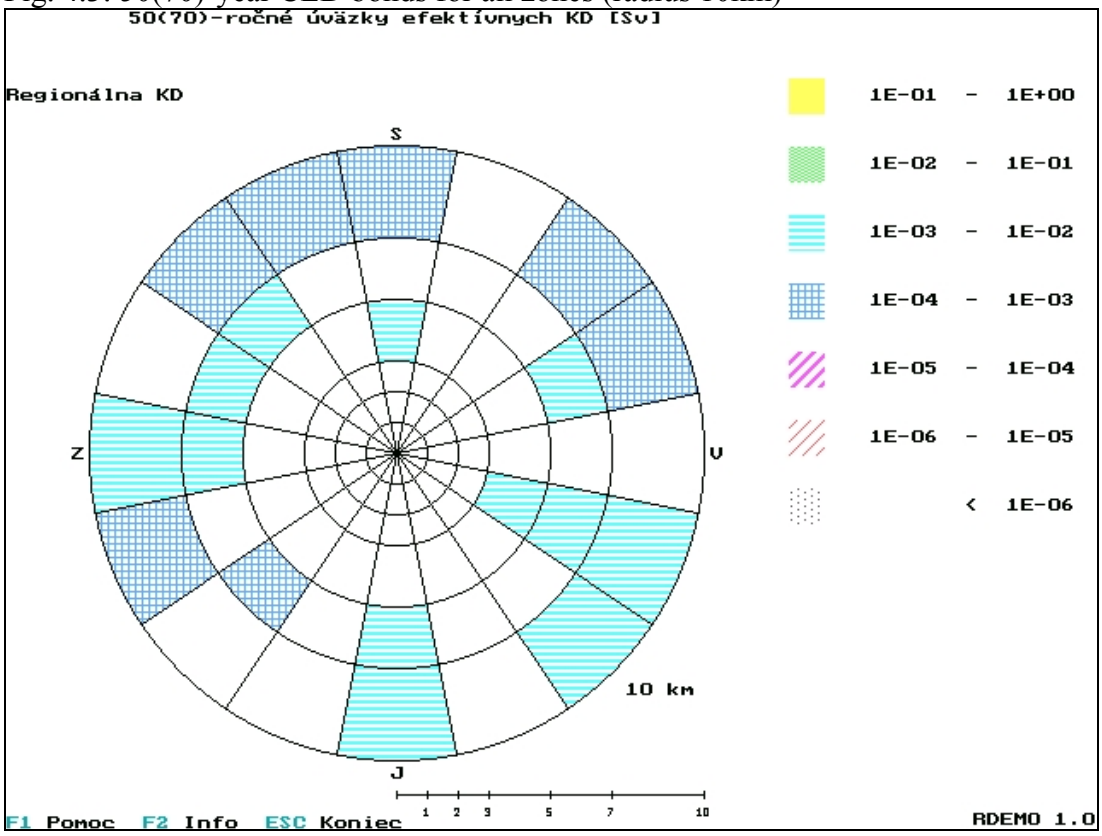
Veková … - age category
Dojčatá … - infants 0 – 1 year old

Fig. 4.2: Annual IED for all zones (radius 60km)



Veková … - age category
Dojčatá … - infants 0 – 1 year old

Fig. 4.3: 50(70)-year CED bonds for all zones (radius 10km)



Regionálna KD – regional CD

Fig. 4.4: 50(70)-year CED bonds for all zones (radius 60km)

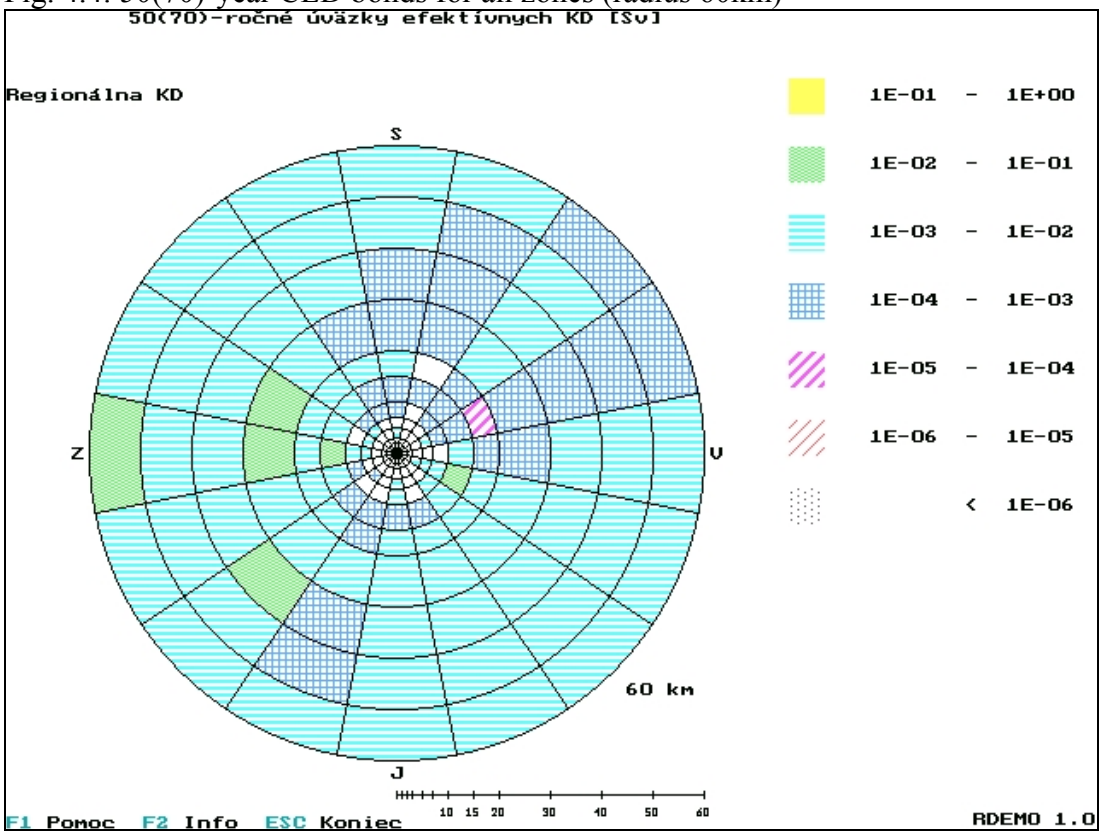
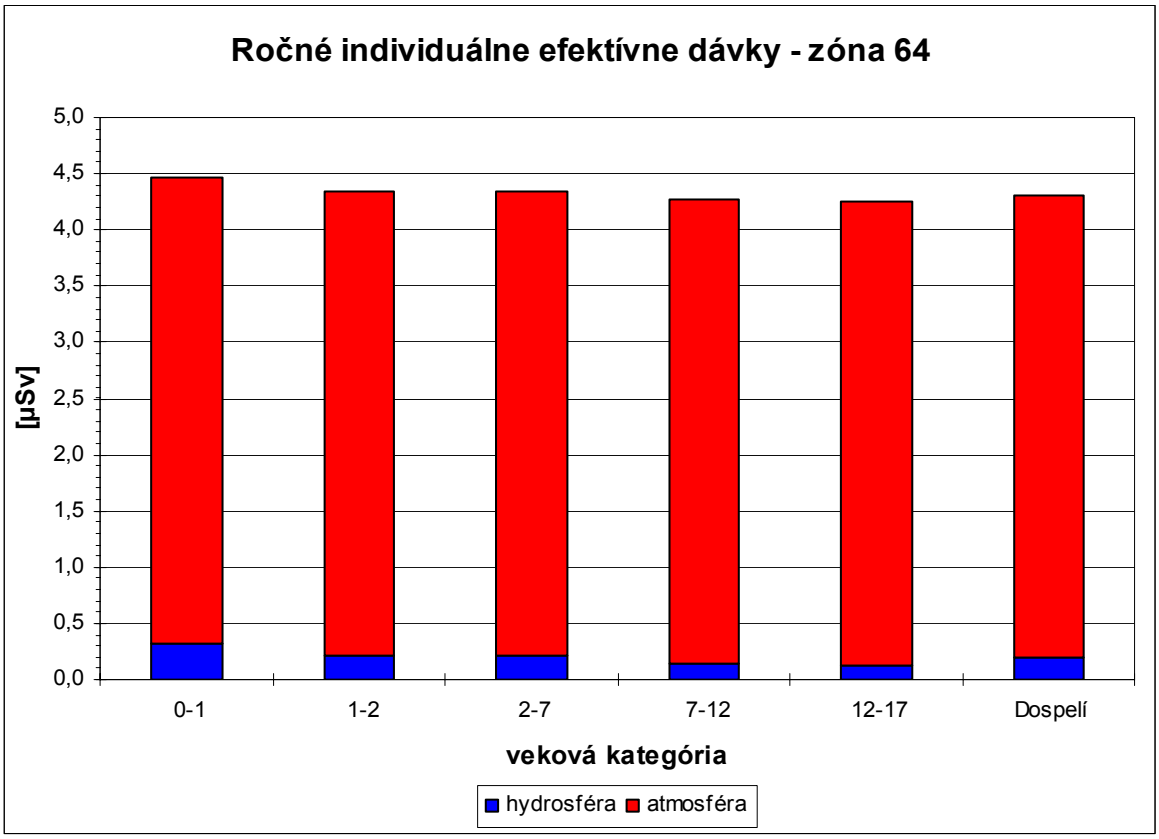
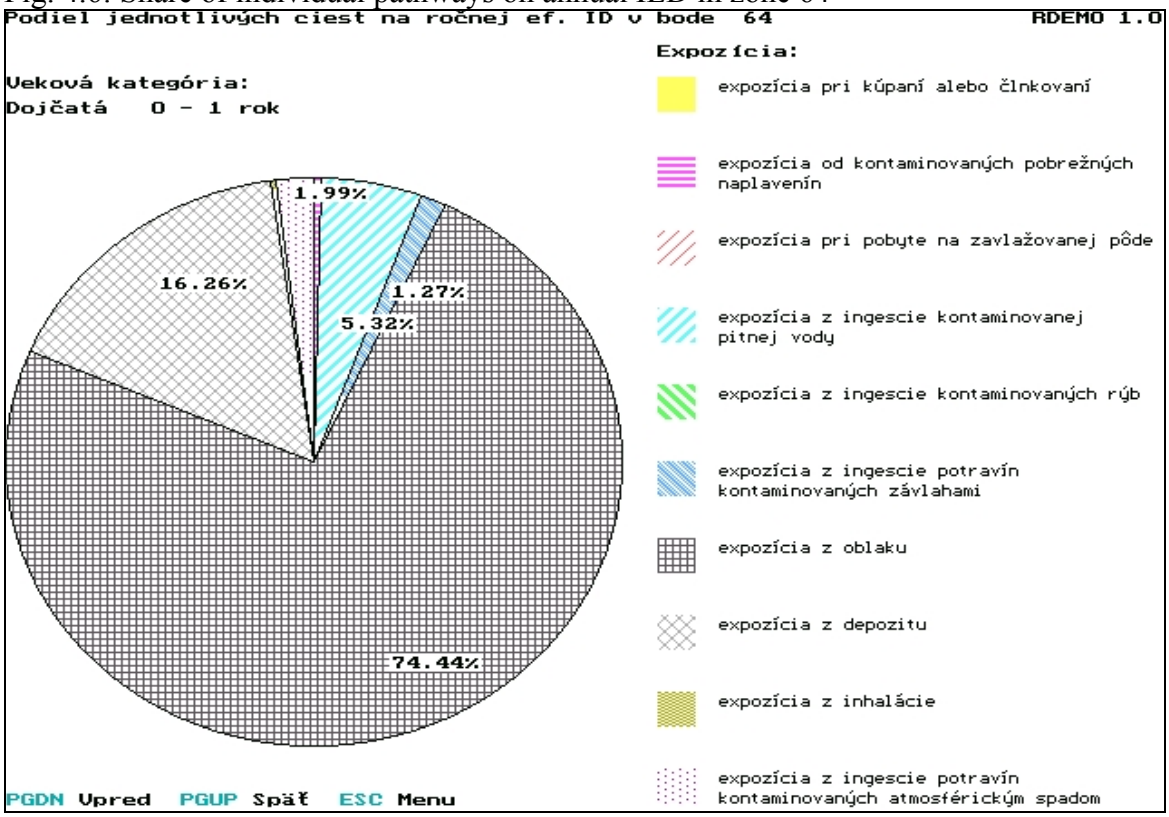


Fig. 4.5: Annual individual effective doses in zone



Axis x: age category
Dospelí – adults
Hydrosféra – hydrosphere
Atmosféra - atmosphere

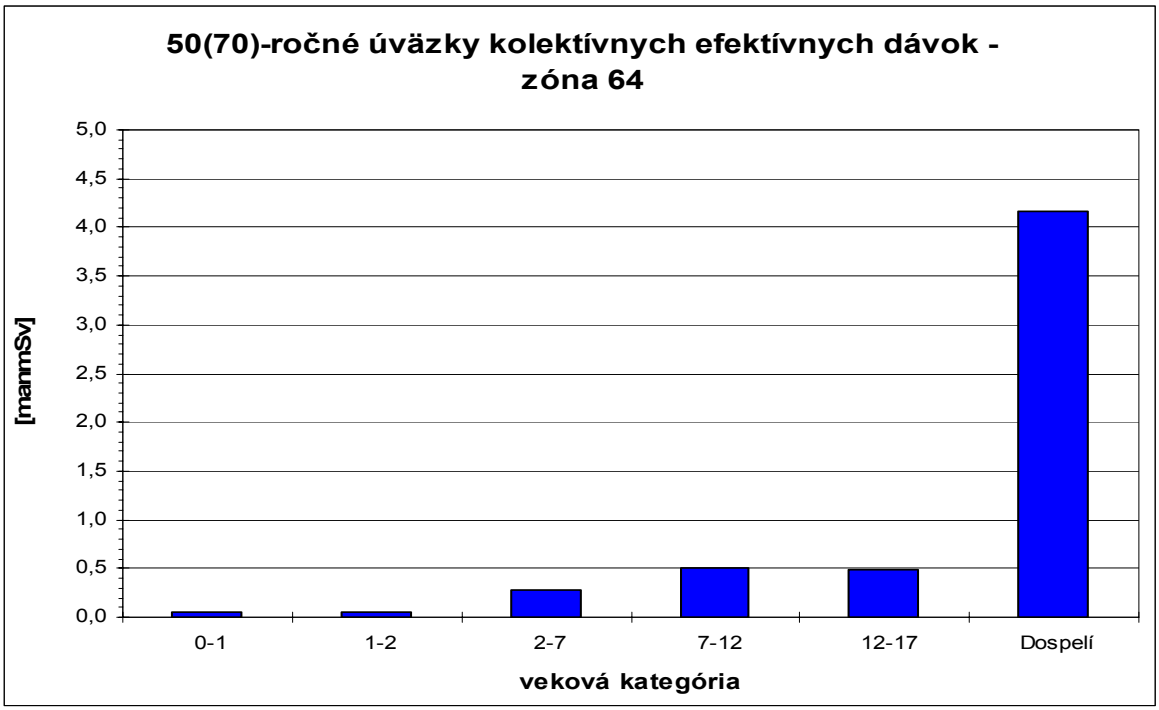
Fig. 4.6: Share of individual pathways on annual IED in zone 64



Expozícia – exposition

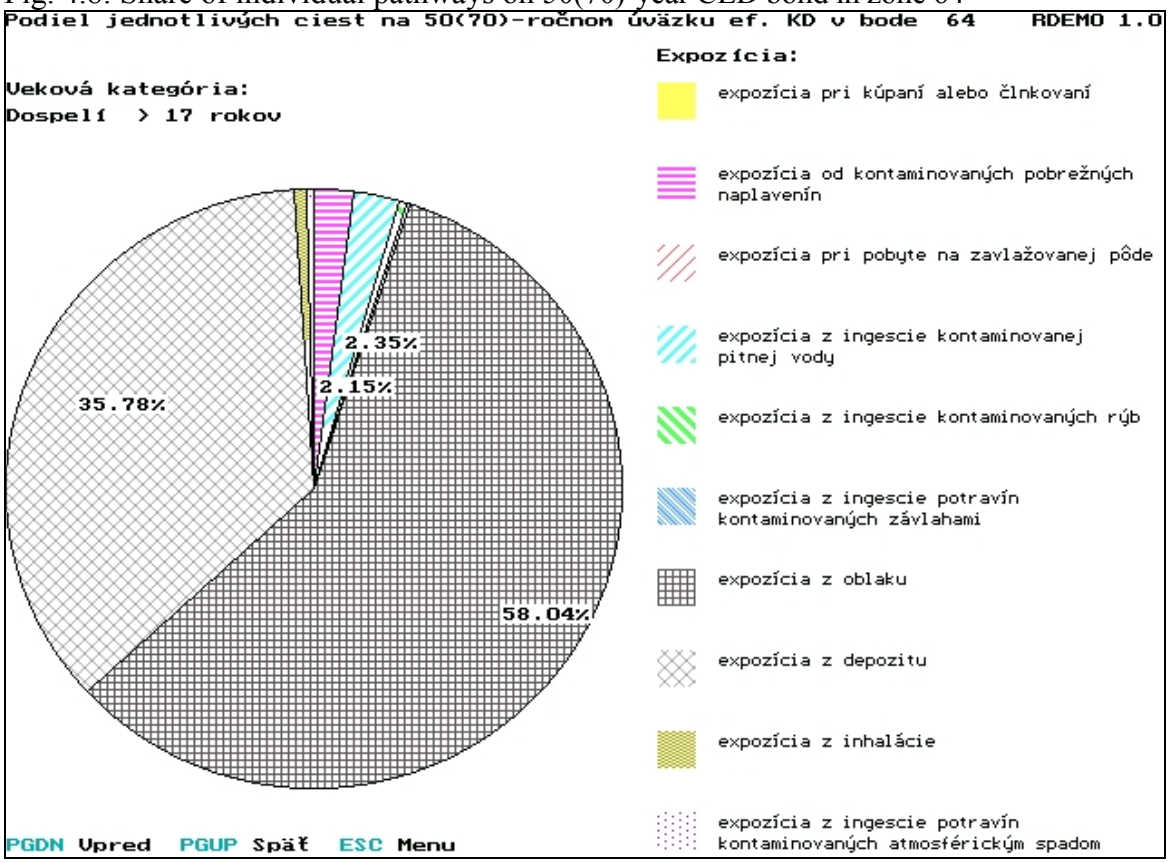
... pri kúpaní ... - at swimming or sailing
... od kontaminovaných ... - by contaminated bank sediments
... pri pobyte ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 4.7: 50(70)-year bonds of collective effective doses in zone 64



Axis x: age category
Dospelí - adults

Fig. 4.8: Share of individual pathways on 50(70)-year CED bond in zone 64

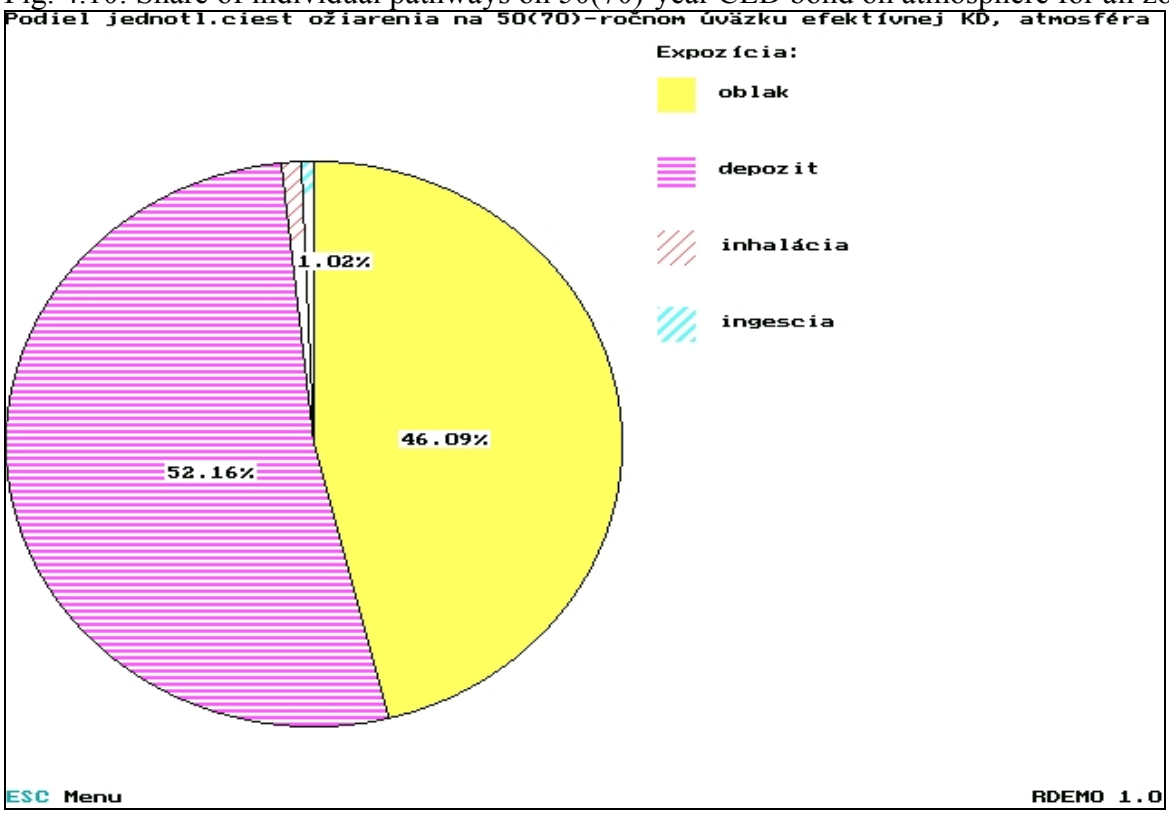


Expozícia – exposition
... pri kúpaní ... - at swimming or sailing
... od kontaminovaných ... - by contaminated bank sediments
... pri pobyte ... - from stay at irrigated land
... z ingescie kontaminovanej... - from ingestion of contaminated potable water
... z ingescie kontaminovaných rýb – from ingestion of contaminated fish
... z ingescie potravín... - from ingestion of food contaminated by irrigations
... z oblaku – from cloud
... z depozitu – from deposit
... z inhalácie – from inhalation
... z ingescie potravín ... - from ingestion of food contaminated by atmospheric fall-out

Fig. 4.9: 50(70)-year bonds of collective effective doses for all zones

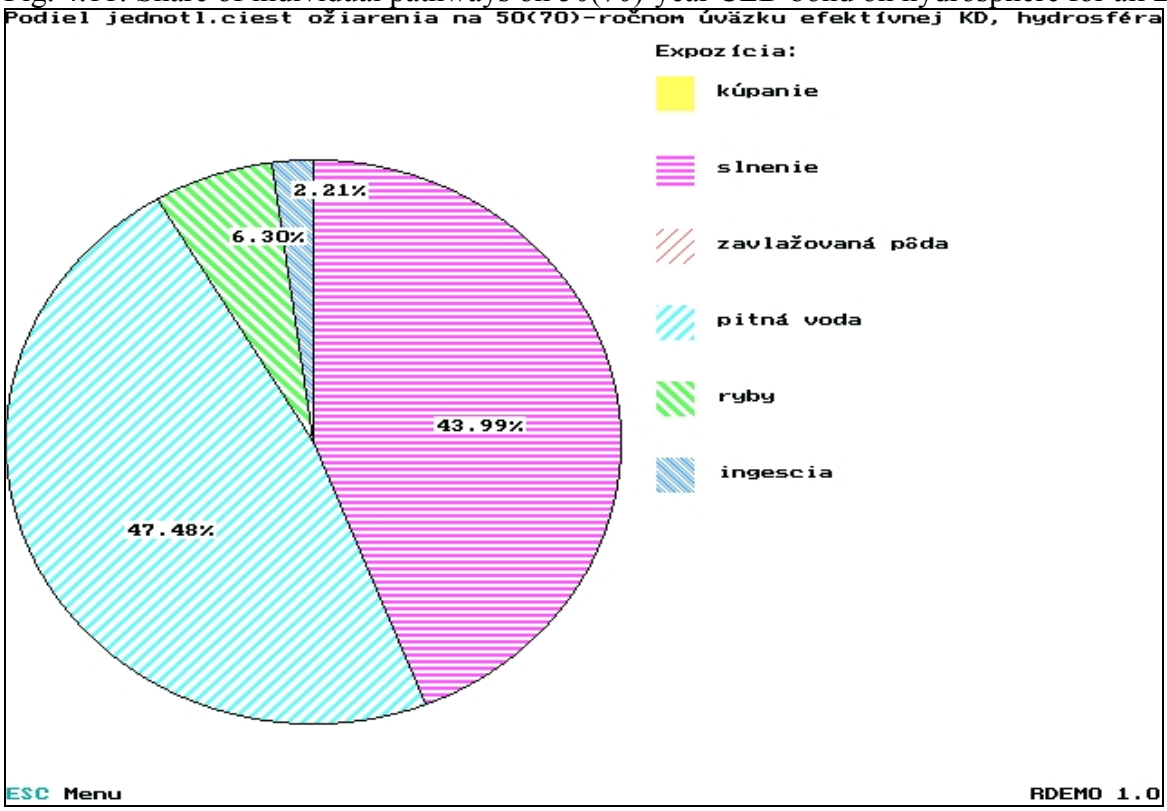
Axis x: age category
Dospelí - adults

Fig. 4.10: Share of individual pathways on 50(70)-year CED bond on atmosphere for all zones



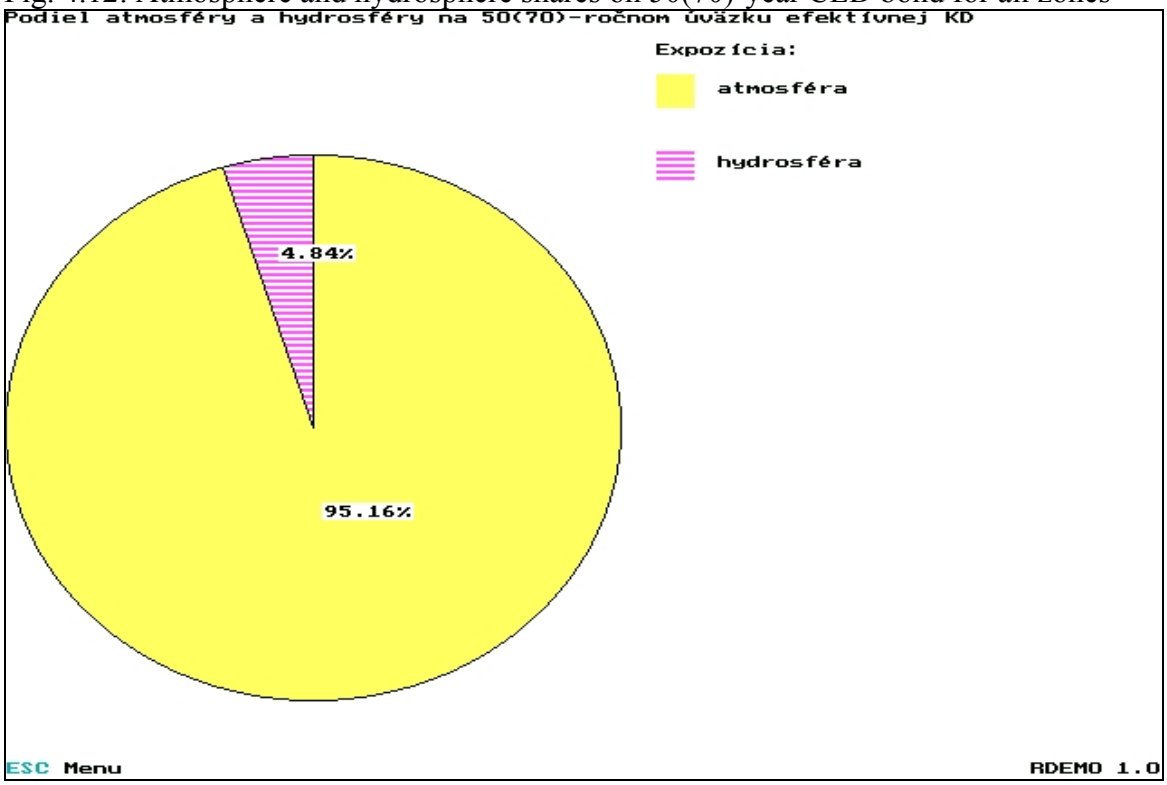
Oblak – cloud
Deposit – deposit
Inhalácia – inhalation
Ingescia – ingestion

Fig. 4.11: Share of individual pathways on 50(70)-year CED bond on hydrosphere for all zones



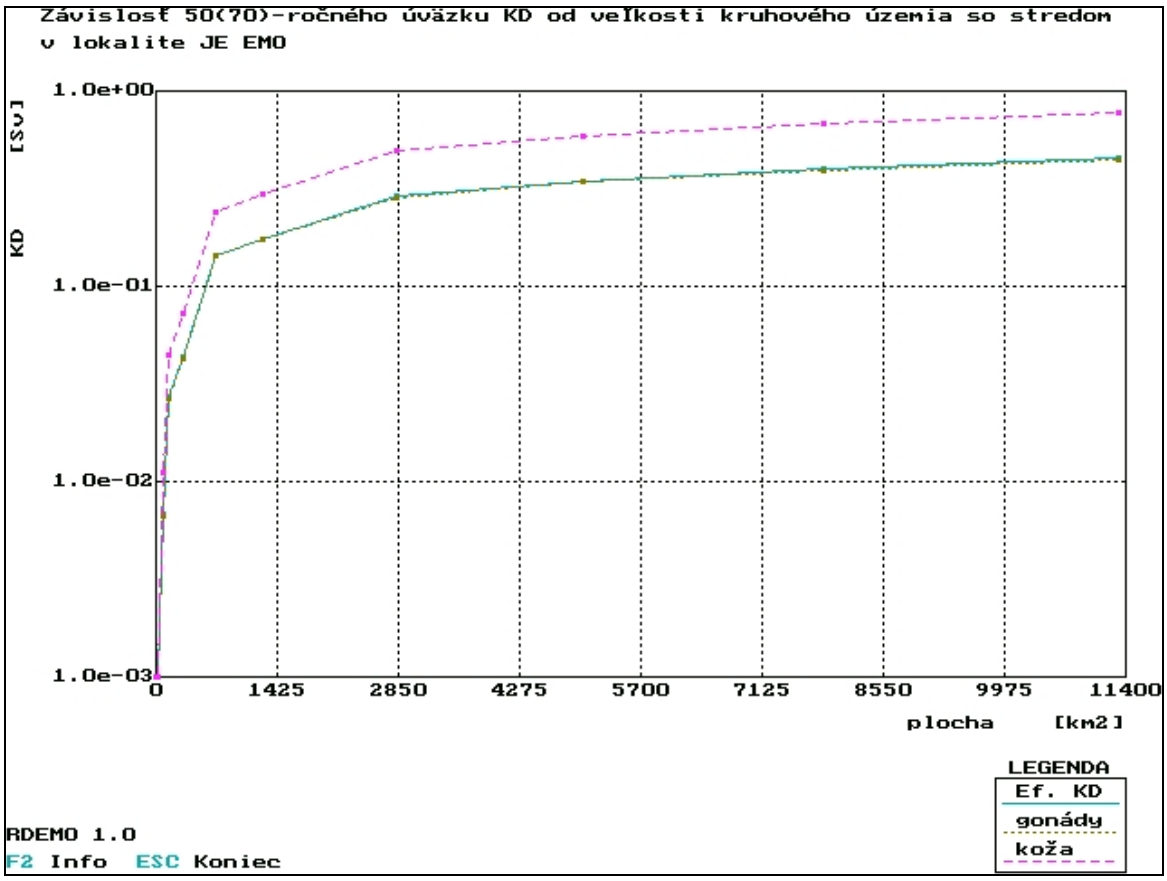
Kúpanie – swimming
Slnenie – sunbathing
Zavlažovaná pôda – irrigated land
Pitná voda – potable water
Ryby – fish
Ingescia - ingestion

Fig. 4.12: Atmosphere and hydrosphere shares on 50(70)-year CED bond for all zones



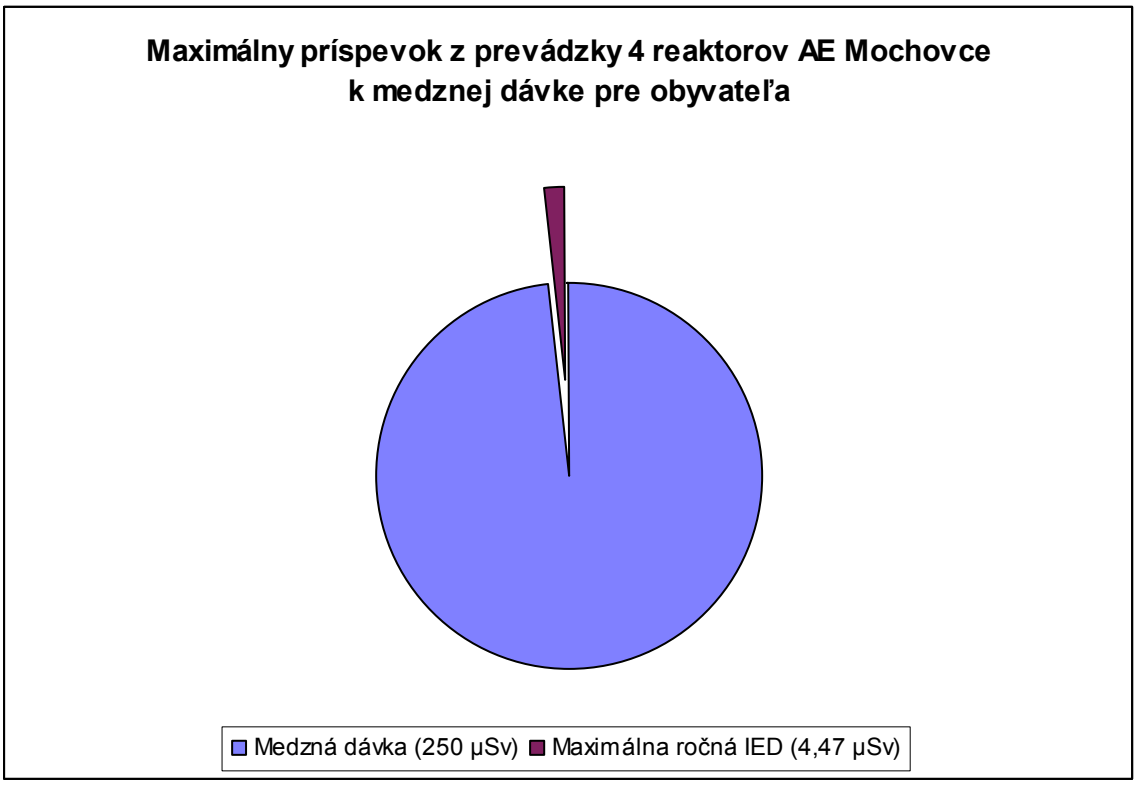
Hydrosféra – hydrosphere
Atmosféra - atmosphere

Fig. 4.13: Dependence of 50(70)-year CED bond on circular territory size with center in NPP Mochovce location for all zones



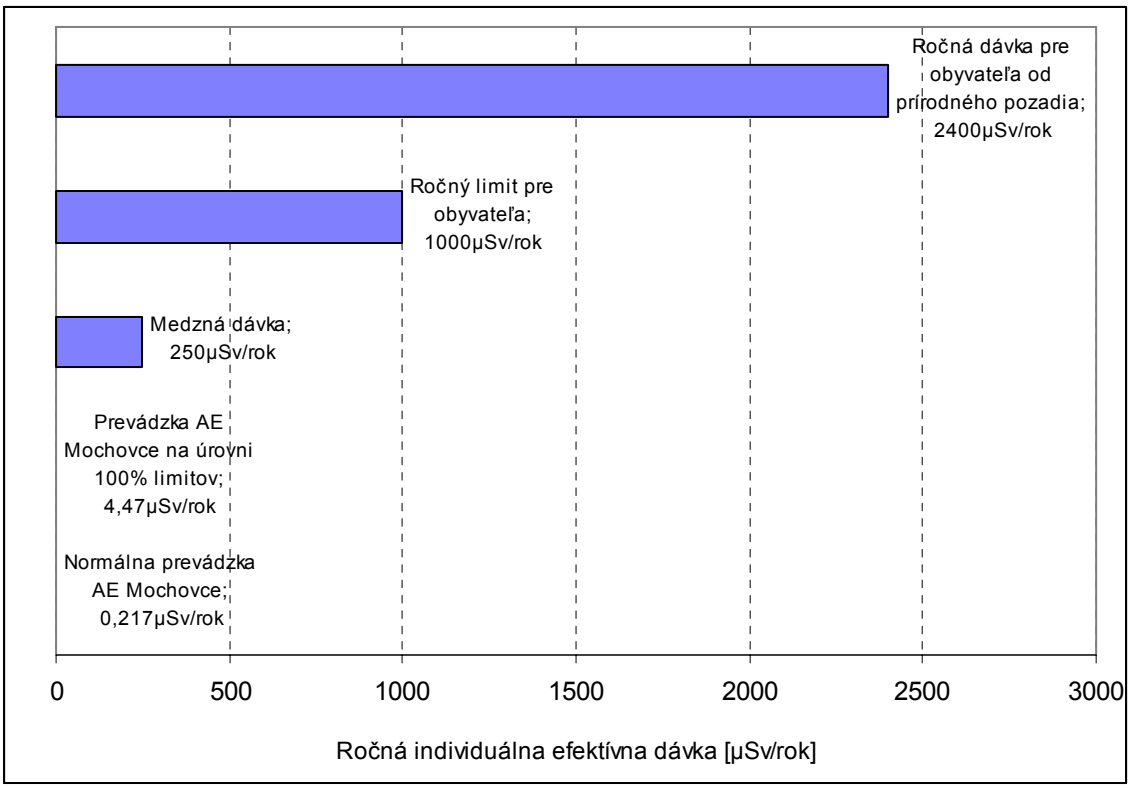
Legend:
Ef. KD – effective collective dose
Gonády – gonads
Koža - skin

Fig. 5.1: Maximal contribution from operation of four reactors in NPP Mochovce to limit value / inhabitant



Medzná dávka – limit dose
Maximálna ... - maximal annual IED

Fig. 5.2: Comparison between RAS discharge from NPP Mochovce and doses from natural background



July, 2009

Report of monitoring of radioactivity in the SE-EMO environment (years 2005 - 2008)

ANNEX 4.2

A world of capabilities delivered locally

Golder Associates

Slovenské elektrárne, a.s., NPP Mochovce

The Report on Monitoring of Radioactivity in the SE – EMO Environment

for the years 2005, 2006, 2007 and 2008

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Slovenské elektrárne, a.s., NPP Mochovce

The Report on Monitoring of Radioactivity in the SE – EMO Environment for 2005

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Levice, 27. 02. 2006

Notes to the results achieved in 2005

Monitoring of the SE – EMO environment is purposed on permanent obtaining of the data on SE – EMO environmental radioactivity and thus on ensuring environmental impacts of the operation of Atómové elektrárne Mochovce to be controlled.

This „Report on Monitoring of Radioactivity in the SE – EMO Environment“ is aimed at providing an overview of a complex group of results and data obtained on radioactivity of the NPP Mochovce environment.

There are located 15 stable dosimetric stations around Atómové elektrárne Mochovce and a station in the locality of RR RAW. The stations take off aerosole particles permanently by their absorption in the filter. Moreover, they contain a polyethylene tank for fallout collection (wet and dry together) and there are located cartridges equipped with TL dosimeters at arms installed at the stations. The environmental radiation monitoring covers an area of circa 15 km from the power plant.

This report specifies results of the operation monitoring in the form required by „the Program of Radiation Monitoring of the SE-EMO environment, QA-07-01“.

Table: An overview of operation monitoring for 2005.

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2005	Real status in 2005
Ionization chamber	Input dose from γ radiation in the air	14	monthly	168	180
Ionization chamber (Hať V.Kozmálovce)	Input dose from γ radiation in the air	1	semestrial	2	2
TLD	Input dose from γ radiation in the air	15	monthly	180	252
Aerosols	Gamma	15	weekly	780	777
	Total beta activity	15	weekly	780	777
Fallout SDS	Gamma	15	quarterly	60	60
	Gross beta activity	15	quarterly	60	60
Soils (6x SDS)	Gamma	6	semestrial	12	12
	Strontium	6	annually	6	6
Sediments	Gamma	4	quarterly	16	16
	Strontium	4	annually	4	4
Surface water	Gamma	8	quarterly	32	32
	Strontium, tritium	8	quarterly	32	32
	Gross alfa, beta	2	quarterly	8	8
Drinking water	Gamma	5	quarterly	20	20
	Strontium, tritium	5	quarterly	20	20
Underground water (discharge pipes)	Gamma	4	semestrial	8	7
	Strontium, tritium	4	semestrial	8	7
Drills RK (SE - EMO)	Gamma	17	semestrial	12	12
	Strontium, tritium	17	semestrial	12	12
Components of the food chain	Gamma	16	annually	32	59
	Strontium	16	annually	16	16
	Tritium	1, 2	annually	1, 2	0
Milk	Gamma	1, 2	weekly	52 - 104	48
	Strontium	1	Čifáre monthly	12	12
Fish	Gamma	1	annually	1	6
	Strontium	1	annually	1	1
Meat	Gamma	1	annually	1	1
	Strontium	1	annually	1	1
Snow	Gamma	1	when it occurs	-	9
	Strontium, tritium	1	3 times per year	-	3
IN SITU Measurement	Gamma	5 localities	semestrial	10	10
Soils IN SITU	Gama	5 localities	semestrial	30	30
	Strontium	5	annually	5	5
Grass	Gama	5 localities	semestrial	10	9

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2005	Real status in 2005
IN SITU					
TLD (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Ionizačná komora (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Fallout SDS (RÚ RaO)	Gamma	1	quarterly	4	4
	Gross beta activity	1	quarterly	4	4
Underground water (vrty RÚ RaO)	Gamma	6	quarterly	24	24
	Strontium, tritium	6	quarterly	24	24
Surface water (RÚ RaO)	Gamma	2	quarterly	8	8
	Strontium, tritium	2	quarterly	8	8
Sediments (RÚ RaO)	Gamma	2	quarterly	8	8
	Strontium	2	once a year	2	2
Soils (RÚ RaO)	Gamma	4	quarterly	16	16
	Strontium	4	once a year	4	4
Grass (RÚ RaO)	Gamma	4	semestrial	8	8
	Alphaspectrometry	-	-	-	6
	^{14}C	-	-	-	6

Note No 1: in addition to the monitoring plan, we perform measurements in the ionization chamber beside the cooling towers.
Note No 2: no sample of clover for tritium analysis was taken off. Clover was short and dry.

We monitor the dose rates and doses from TLD at locations distant up to 20 km from SE-EMO as well. These so called emergency dosimeters currently cover 50 locations. We have collected and evaluated them three times in 2005. Results from the dosimeters have not been included in our report.

A part of our report is focused on statistic processing of the data, which should help us in our better orientation during the data evaluation and verification, indicating the impacts of NPP Mochovce res. during visual checks of tables containing measured data.

All the results presented in the report are marked with „N“ – commonly usable data – in terms of QA-07-01. We have marked all the values exceeding the investigating level (3 sigma) with symbol „E“, while the values had been used in the statistic processing. No result was marked with „R“ – rejected.

Statistic processing of results and data analyses were performed through the STATGRAPHICS software (version 5), sometimes in Microsoft Excel. Results from these softwares have been inserted in our report. Regarding the incompatibility of the STATGRAPHICS software and the office information system, it seems to be very difficult to paste plots from STATGRAPHICS in Word documents. We had to deal with this fact through a complicated annexing.

Radionuclides in the environment, while their behavior investigated at the only off-take point and various time points or at several off-take points at the same time, represent normal res. lognormal distribution.

Lognormal distribution is similar to the normal one, just in this case, logarithms of investigated values shall be assigned to the Gauss's distribution law. This distribution is typical for the constants, whose absolute values are very low (close to zero) and are characterized by a significant (even of an order) dispersion. Usually it is going on the constants, whose investigated time or space dependence is complicated and affected by various environmental parameters that we don't exactly know.

Lognormal distribution is characterized by geometric mean estimation and geometric dispersion estimation. Accordingly to its definition, the geometric mean is a median value of the distribution, i.e. such a value divides the group of lognormally distributed values onto two identical parts regarding their quantity and it is called a half quantile Q(1/2); it means that 50 % of the data is lower and 50 % is higher than the geometric mean . Thus we also present the geometric mean in the overall statistics. STATGRAPHICS does not include in the literature so often recommended Shapiro-Wilk's test for lognormal dependence of environmental constants, thus we have omitted such investigation of measured values (Excel does not include it either).

The data analyzing procedure consisted of following steps:

We have defined the symetry degree by the Box and Whisker plot. Width of the Box is meaningless for us. Median of the sample is shown as a line across the box and the average may be shown as a + key. Deviating points are marked by * key. Ends of the box indicate the interquantile range (upper quartile F_H = 75.percentile and lower quartile F_D = 25 percentile). Start point of the upper line (Whisker) on plots represents the maximum value and start point of the lower line represents the minimum value.

In order to check assumptions for the data selection from the aspect of meeting the normal distribution, we have also presented the variation coefficient value in the overall statistics. If the variation coefficient > 1, then the values shall not fall within the normal distribution. This phase also includes the normal probability plot (quantile plot), while the values are ordered in accordance with the order statistics in this plot. This plot enables us to read the quantiles. If the values belong to the normal distribution, printed points should create an almost straight line.

The symetry can be also checked through a skewness res. kurtosis; these values are presented in the overall statistics by the samples. In the overall statistics, we have presented for example mean, dispersion, median etc. showing the diversion and shape positions. Negative values of the skewness coefficient are typical for an asymetric distribution skewed to the right (more frequent appearance of higher values). Positive values are typical for the distribution skewed to the left (more frequent appearance of lower values). Kurtosis coefficients compare the distribution with the normal distribution. Negative values indicate flatter distribution, positive values indicate more kurtosis distribution. The mode represents the most frequent value.

Through the testing of hypothesis from individual sections we have estimated, under a certain probability, whether the statements on parameters from the file are true or false. During the tests, we have also made large simplifications, whereas the group of data obtained from one location is very small and its analysis is too complicated.

In accordance with the Program of Radiation Monitoring of the SE-EMO Environment - QA-07-01, SE-EMO plant declares radiological impacts of the power plant operation on the environment and on inhabitants through the environmental radiation monitoring. Monitoring activities are aimed at documenting that radiological impacts, i.e. exposure of inhabitants and concentration of isotopes from emissions are below the limits presented in the Annex No 1 to the Decree No 12/2001 of the Ministry of Health of SR on Requirements for Ensuring the Radiation Protection (and L&P laid down by NRA SR) and that the impacts are as low as reasonably achievable – ALARA.

The report regarding the period of 2005 is based on the pre-operation (the section related to the statistic processing of results) and operation period from the past years. Monitoring results demonstrate that impacts of SE-EMO units 1 and 2 during standard operation are close to zero in spite of a high sensitivity of the equipment applied. Tritium and ^{90}Sr values measured in surface waters (the Hron River) comply with the SE-EMO project values and with the legal requirements (the Decree of the government of SR No 491/2002, by which the indicators of permissible pollution level of surface waters – tritium - are set forth) too. Results from monitoring of the air, soils, agricultural products, from thermoluminiscent dosimeters or ionization chambers did not reveal impacts of SE-EMO operation on the background values of radionuclides in the SE-EMO environment (consisting of terrestrial radionuclides, 2^{38}U, ^{232}Th, ^{40}K, ^{7}Be and antropogenic radionuclides - ^{137}Cs, ^{134}Cs, ^{90}Sr produced during nuclear tests in the air and during the Tchernobyl disaster) either. Traceability of ^{137}Cs according to its source of origin is currently very difficult; moreover, we have also detected a leakage of ^{137}Cs from Spanish metalworks in Algericas in 1998 (it was found in aerosols and in cow milk). The only exception is water plants (see the comment and the table on agricultural products) to be monitored further.

Results from monitoring of the SE-EMO environment in 2005 demonstrate that the radiological impacts of the SE-EMO operation on the environment in 2004 and exposure of inhabitants were not only below the limits specified, but they were practically undetectable. The way of operating the systems of gaseous and liquid emissions treatment and their permitting ensure the emissions maintained ALARA.

In spite of these conclusions, some values exceed the values of investigation levels. Investigation levels equal to three sigma were calculated in the last two years and they could be affected by off-take conditions (particularly the meteorological ones) of these years significantly. Values higher than five sigma have been only recorded in the gross beta activity at filters.

Dose rate measured by TLD

Dose res. dose rates of gamma radiation in the air in SDS locations are measured by HARSHAW 4500 equipment and TLD cards consisting of: 2x TLD 100 (LiF:Mg,Ti) characterized by low fading and being suitable to a long-term monitoring as for example emergency dosimeters up to 10 Gy, and 2x TLD 200 (CaF_2:Dy) characterized by high fading, higher sensitivity and being suitable to a monitoring with duration of circa 1 month. Our report contains results from both types of dosimeters. The results are evaluated in a ambient dose equivalent H*(10).

There are located six other TL dosimeters in the SE-EMO area purposed on measuring the operation and emergency radiation situation.

In terms of the monitoring program QA-07-01, we have also monitored exceeding the investigation levels at the locations. Investigation levels (3 σ) of dose rates of gamma radiation in the air measured by TLD have been exceeded at the following locations:

Location	*Investigation level (nSv/hour)*	*Month*	*Obtained value (nSv/hour)*	*Location*	*Investigation level (nSv/hour)*	*Month*	*Obtained value (nSv/hour)*
Levice	104	12	107	Kalná n/Hr	94	12	95
N. Tekov	118	12	121	V. Ďur	120	12	137
Č. Hrádok	111	12	125	SE EMO - metrológia	132	12	142

5 σ investigation levels have not been exceeded.

Regarding incompatibility of software tools Statgraphics and Office information system, the plot statistic data processing presented in the following annex was performed in a more complicated way.

The dosimeter at the location No 15 presented in plots is installed at the roof of ERML.

Following tables contain basic statistic data from following locations: all Mochovce locations – NPP location, Nový Tekov – a municipality in the sector 6 with prevailing wind streaming, Rybník – a municipality in the sector 4.

Tables: Basic statistic data

	All locations		SDS Mochovce	
	TLD 100	TLD 200	TLD 100	TLD 200
Variable:				
Sample size	180	180	12	12
Average	85.0111	82.9722	96.75	90.4167
Median	83.5	83	92	89
Mode	84	77	88	86
Geometric mean	83.6967	82.4135	96.133	90.0574
Variance	231.508	93.826	134.023	73.5379
Standard deviation	15.2154	9.68638	11.5768	8.57542
Standard error	1.13409	0.72198	3.34194	2.47551
Minimum	51	60	84	78
Maximum	137	108	115	108
Range	86	48	31	30
Lower quartile	74	76	88	86
Upper quartile	94	89.5	110	93
Interquartile range	20	13.5	22	7
Skewness	0.57911	0.271048	0.52261	0.86789
Standardized skewness	3.17192	1.48459	0.739082	1.22738
Kurtosis	0.387166	-0.241296	-1.54815	0.697779
Standardized kurtosis	1.0603	-0.660816	-1.0947	0.493405
Coeff. of variation	17.8981	11.6742	11.9657	9.48434
Sum	15302	14935	1161	1085

	SDS Nový Tekov		SDS Rybník	
	TLD 100	TLD 200	TLD 100	TLD 200
Variable:				
Sample size	12	12	12	12
Average	76.3333	83.6667	85.0833	87.25
Median	82	83	88	86.5
Mode	81	83	86	85
Geometric mean	69.3872	83.4408	83.9407	86.9834
Variance	528.788	41.8788	194.447	50.5682
Standard deviation	22.9954	6.47138	13.9444	7.11113
Standard error	6.6382	1.86813	4.02541	2.05281
Minimum	12	74	56	73
Maximum	96	95	109	102
Range	84	21	53	29
Lower quartile	74	79.5	77.5	84.5
Upper quartile	90.5	87.5	93.5	91.5
Interquartile range	16.5	8	16	7
Skewness	-2.26943	0.464161	-0.585627	0.125481
Standardized skewness	-3.20946	0.656423	-0.828201	0.177457
Kurtosis	5.89512	-0.454907	0.803369	1.66686
Standardized kurtosis	4.16848	-0.321668	0.568067	1.17865
Coeff. of variation	30.125	7.73472	16.3891	8.15029
Sum	916	1004	1021	1047

Conclusion: The variation coefficient is always lower than 1, i.e. the data distribution could be simulated by a normal curve. Skewness and kurtosis of the investigated situations achieve both positive and negative values.

Figures No 1 & 2: Box and Whisker plots for TLD 100 dosimeters – SDS locations (the order of locations is determined by the order of SDS in our report). Comparison of medians has shown their slight decrease againts 2004. The plot No 2 is only presented to demonstrate behavior of the locations during the year; as we can see, the locations are affected by their natural background only. There were detected some deviating points (both plots) at several locations during the monitored period.

Figures No 3, 4, 5: Box and Whisker plots for TLD 200 dosimeters – SDS locations (the order of locations is determined by the order of SDS in our report) and Box and Whisker plots for TLD 100 dosimeters – locations at the NPP location (the order of locations is determined by the order in our report). Comparing to the last year, dosimeters have proven slight decrease of median, as we can see at Figures 3 and 4.
The same for the location N. Tekov (Fig. No 5), where we can clearly see the data monitored since 1993. Similar characteristics would be obtained for other locations as well.
The old type of dosimeters was used at all locations until 1998 (July).
The significant increase in 1998 was caused by the replacement of the old equipment by a new one (Harshaw) and by its broken photomultiplier.

Figures No 6 & 7: Normal res. lognormal distribution for TLD 100 – all SDS locations

Figures No 8 & 9: Normal res. lognormal distribution for TLD 200 – all SDS locations

Conclusions - Figures 6, 7, 8, 9: Investigation of the SDS cannot confirm normality res. lognormality of such a small number of values (the only value a month, i.e. 12 in total). Thus we have shown the difference between these distributions at the previous figures, while we had considered all SDS as a whole; this approach is very inaccurate regarding various SDS floors, shieldings and so on.

Visual comparison could be significantly supported by quantile plots indicating differences at the total level of the evaluated data as well as differences at variability (differences of balance straight line slopes). The steeper balance straight line, the lower variability. The plots are based on displaying cummulative frequency of the group values at the vertical axis with a probability distribution against the group values at the horizontal axis.

Figures No 10, 11, 12: Quantile plots regarding the group of values for dosimeters TLD 100, 200 & TLD200 – Mochovce SDS location

In the next part of the analysis, we have compared several locations by the dispersion analysis (ANOVA – Excel's software, while results obtained by STATGRAPHICS were identical) in order to find out, whether average values measured at these locations were identical or whether they were very different from those measured in 2004. All populations (locations) were considered as normal ones with identical dispersion. We calculated the dispersion analysis even in the case, when the normality was not confirmed by tests, whereas its conclusions were still close to the truth in assumption that similar selection size had been used.

Mochovce TLD 200, 2005 vs. 2004

factor

selection	*Count*	*Sum*	*Average*	*Dispersion*
column 1	12	1085	90,41667	73,53788
column 2	12	1157	96,41667	51,17424

ANOVA

Source of variation	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
partial selection	216	1	216	3,463978	0,076136	4,300944
all selection	1371,833	22	62,35606			
total	1587,833	23				

Nový Tekov TLD 200, 2005 vs. 2004

factor

selection	*Count*	*Sum*	*Average*	*Dispersion*
column 1	12	1004	83,66667	41,87879
column 2	12	1076	89,66667	46,06061

ANOVA

Source of variation	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
partial selection	216	1	216	4,912474	0,037312	4,300944
all selection	967,3333	22	43,9697			
total	1183,333	23				

Rybník TLD 200, 2005 vs. 2004

factor

selection	*Count*	*Sum*	*Average*	*Dispersion*
column 1	12	1047	87,25	50,56818
column 2	12	1154	96,16667	40,15152

ANOVA

Source of variation	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
partial selection	477,0417	1	477,0417	10,51683	0,003734	4,300944
all selection	997,9167	22	45,35985			
total	1474,958	23				

TLD 200 locations: Mochovce-Nový Tekov-Rybník, 2005

factor

selection	*Count*	*Sum*	*Average*	*Dispersion*
column 1	12	1085	90,41667	73,53788
column 2	12	1004	83,66667	41,87879
column 3	12	1047	87,25	50,56818

ANOVA

Source of variation	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
partial selection	273,7222	2	136,8611	2,473619	0,099772	3,284924
all selection	1825,833	33	55,32828			
total	2099,556	35				

T*LD 200 locations of the Emergency Dosimeters distribution in SE-EMO, 2005*

factor

selection	*Count*	*Sum*	*Average*	*Dispersion*
column 1	12	1172	97,66667	42,06061
column 2	12	1227	102,25	80,38636
column 3	12	950	79,16667	52,15152
column 4	12	991	82,58333	36,81061
column 5	12	1025	85,41667	49,53788
column 6	12	1018	84,83333	59,24242

ANOVA

Source of variation	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
partial selection	5016,236	5	1003,247	18,79976	1,43E-11	2,353808
all selection	3522,083	66	53,3649			
total	8538,319	71				

Conclusions: We consider the difference in values and investigated locations as important in the case, when F (testing criterion) is higher than the quantile F_{crit} defined for respective degrees of width specified in the column 3 (Difference). Our investigation was made for a significance level $\alpha = 0.05$. P value is, in fact, the lowest significance level for rejecting the assumption that average values for the locations are identical. Regarding the values „$\alpha <$ P value“, we have adopted a hypothesis that average values for the locations were identical. Criterion $F > F_{krit.}$ is met in the only case, when different locations are compared.
Next analysis was aimed at detecting, whether the samples (in this case dosimeters TLD 100 & TLD 200) came from the same distribution with no regard of normal res. lognormal distribution confirmed. We have used the Kolmogorov-Smirnov Two-Sample Test.

Kolmogorov-Smirnov Two-Sample Test. SDS location	Kolmogorov-Smirnov Two-Sample Test: SE-EMO location
----------	----------
Sample 1: TLD.TLD_1_05 Sample 2: TLD.TLD_2_05	Sample 1: TLD.emo_1_05 Sample 2: TLD.emo_2_05
Estimated overall statistic DN = 0.144444 Approximate significance level = 0.0467743	Estimated overall statistic DN = 0.222222 Approximate significance level = 0.0571297

Figures No 13 & 14 : Distribution functionality of dosimeters TLD 100 & TLD 200 (2004, SDS and SE-EMO locations)

Conclusions: Test results as well as enclosed plots clearly show that the same distribution of values obtained from the both dosimeter sets is very identical; it is more obvious at the SE-EMO locations.

The dispersion analysis allows us to compare means of several basic files, however, in assumption that the basic files have at least approximately normal distribution. If the distribution is not normal, we can use distribution-free methods to compare several means. As a suitable method for such comparison seems to be the Friedman Test based on orders. If the count of compared files – in our case locations (number of agent's ranks) is „k“, then the zero and alternative hypotheses may be configured as follows:
- Distributions of „k“ basic files are identical (having the same values)
- Not all „k“ distributions are identical (having different values)

The summary configuration of this test contains average orders for each locality (in the same way as presented in the table of values), test statistic value and „p“ value. Results can be decided in accordance with the *„p“* value.

Friedman Analysis of TLD 100 dosimeters and the locations and TLD 200 dosimeters and the locations around SE EMO

Friedman analysis of TLD.TLD_1_05 by TLD.TLD_lokal

Level	Sample Size	Average Rank
1	12	4.50000
2	12	2.04167
3	12	13.0000
4	12	9.41667
5	12	7.58333
6	12	12.3750
7	12	6.50000
8	12	5.37500
9	12	8.08333
10	12	6.75000
11	12	11.2083
12	12	7.54167
13	12	13.4583
14	12	8.75000
15	12	3.41667

Test statistic = 100.453 Significance level = 3.88578E-15

Friedman analysis of TLD.TLD_2_05 by TLD.TLD_lokal

Level	Sample Size	Average Rank
1	12	3.29167
2	12	2.62500
3	12	12.6667
4	12	8.04167
5	12	11.5000
6	12	10.8333
7	12	3.08333
8	12	8.50000
9	12	7.54167
10	12	5.12500
11	12	12.8750
12	12	7.20833
13	12	13.6667
14	12	11.3333
15	12	1.70833

Test statistic = 141.253 Significance level = 0

Friedman Analysis of TLD 100 dosimeters and the SE EMO locations and TLD 200 dosimeters and the SE EMO locations

Friedman analysis of TLD.emo_1_05 by TLD.lokal_emo

Level	Sample Size	Average Rank
1	12	5.29167
2	12	1.54167
3	12	1.58333
4	12	4.37500
5	12	3.00000
6	12	5.20833

Test statistic = 50.7212 Significance level = 9.86436E-10

Friedman analysis of TLD.emo_2_05 by TLD.lokal_emo

Level	Sample Size	Average Rank
1	12	5.83333
2	12	1.08333
3	12	2.45833
4	12	3.41667
5	12	3.04167
6	12	5.16667

Test statistic = 53.1851 Significance level = 3.08153E-10

Conclusions: *„p“* values of all tested locations were very low and the zero hypothesis of identical files at the locations was thus rejected

Another distribution-free test paired with the single-factor ANOVA is Kruskal-Wallis test investigating shapes of the distributions of basic files. The zero hypothesis is that *„k“* basic files have identical distribution, the alternative hypothesis is that distributions of at least two files differ one from another (have different means). The test results in a size, average orders, calculated values of test statistics and *„p“* value.

Kruskal-Wallis Analysis of TLD 100 dosimeters and the locations and TLD 200 dosimeters and the locations around SE EMO

Kruskal-Wallis analysis of TLD.TLD_1_05 by TLD.TLD_lokal

Level	Sample Size	Average Rank
1	12	65.7083
2	12	42.1667
3	12	133.917
4	12	97.4583
5	12	80.2083
6	12	125.000
7	12	82.7500
8	12	69.4583
9	12	92.4583
10	12	83.6250
11	12	118.208
12	12	94.7917
13	12	131.375
14	12	97.4583
15	12	42.9167

Test statistic = 50.878 Significance level = 4.34902E-6

Kruskal-Wallis analysis of TLD.TLD_2_05 by TLD.TLD_lokal

Level	Sample Size	Average Rank
1	12	54.4167
2	12	42.7500
3	12	130.042
4	12	96.5000
5	12	117.333
6	12	114.958
7	12	52.2500
8	12	97.2917
9	12	91.7500
10	12	68.4583
11	12	129.208
12	12	90.8750
13	12	135.625
14	12	116.292
15	12	19.7500

Test statistic = 78.3417 Significance level = 5.73804E-11

Kruskal-Wallis Analysis of TLD 100 dosimeters and the SE EMO locations and TLD 200 dosimeters and the SE EMO locations

Kruskal-Wallis analysis of TLD.emo_1_05 by TLD.lokal_emo

Level	Sample Size	Average Rank
1	12	52.2917
2	12	21.0417
3	12	19.3333
4	12	42.7083
5	12	31.7083
6	12	51.9167

Test statistic = 29.6887 Significance level = 1.69822E-5

Kruskal-Wallis analysis of TLD.emo_2_05 by TLD.lokal_emo

Level	Sample Size	Average Rank
1	12	60.4583
2	12	17.5833
3	12	25.0417
4	12	30.9167
5	12	30.0000
6	12	55.0000

Test statistic = 40.5858 Significance level = 1.13757E-7

Kruskal-Wallis analysis of TLD 100 dosimeters and the RR RAW locations and TLD 200 dosimeters and the RR RAW locations

Kruskal-Wallis analysis of TLDRAO.hodn_1_05 by TLDRAO.LOKAL_RAO

Level	Sample Size	Average Rank
1	12	12.4583
2	12	29.0000
3	12	25.5833
4	12	30.9583

Test statistic = 12.786 Significance level = 5.12298E-3

Kruskal-Wallis analysis of TLDRAO.hodn_2_05 by TLDRAO.LOKAL_RAO

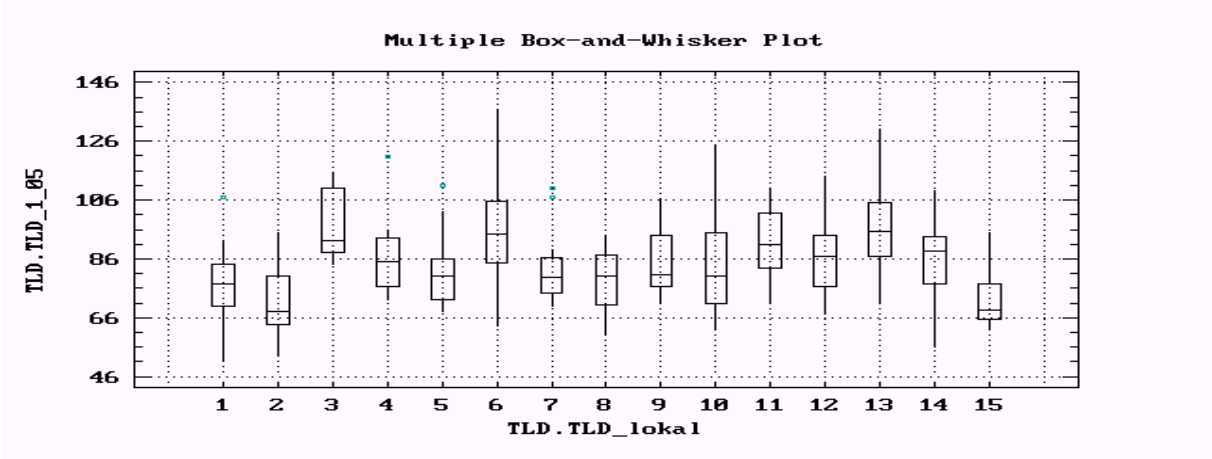
Level	Sample Size	Average Rank
1	12	13.1250
2	12	29.7500
3	12	22.9583
4	12	32.1667

Test statistic = 13.4132 Significance level = 3.8231E-3

<u>*Conclusions:*</u> the zero hypothesis saying that all files have identical distributions was rejected due to very low significance levels. In other words, the locations differ one from another significantly regarding the values of dose rates

The introductory table – an overview of operation monitoring activities in 2005 – contains in total 180 planned measurements of gamma radiation in the air to be performed by TLD; real number of measurements was 252. Regarding the monitoring program QA-07-01, the difference could be found in the fact that there were installed dosimeters in the SE-EMO location for monitoring of potential emergency situations.
In order to have a more detailed overview, the table section also contains doses and average dose rates for each location.

Figures No 1, 2



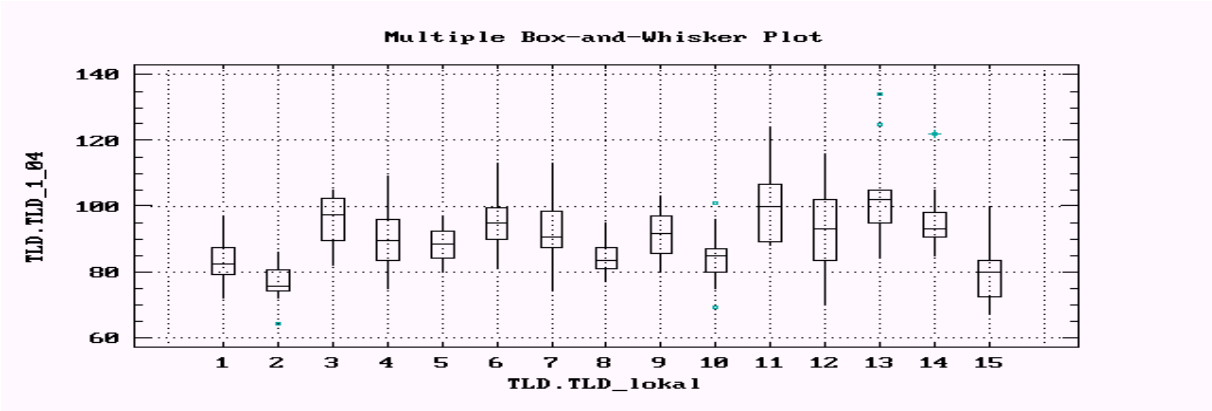


Figure No 3

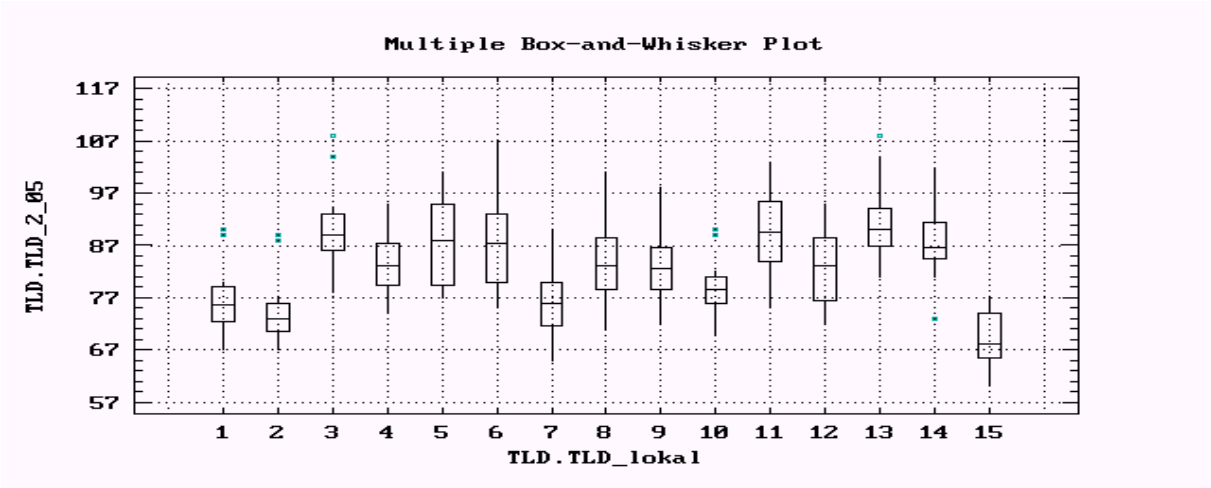


Figure No 4

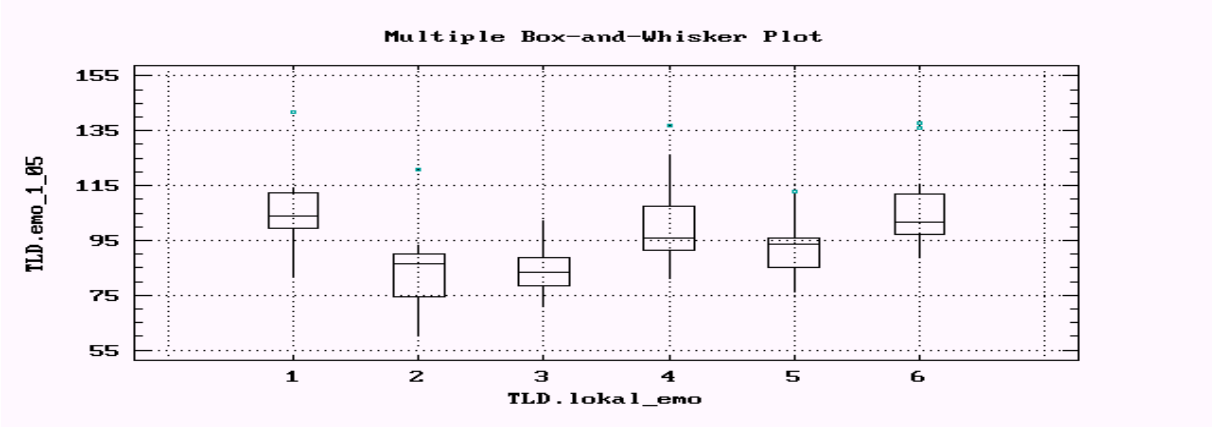
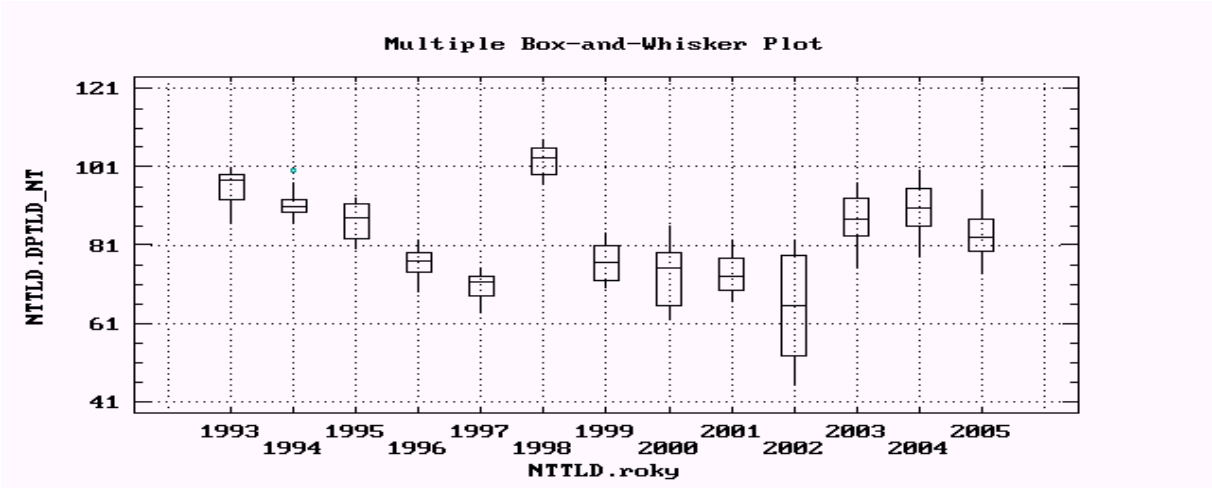
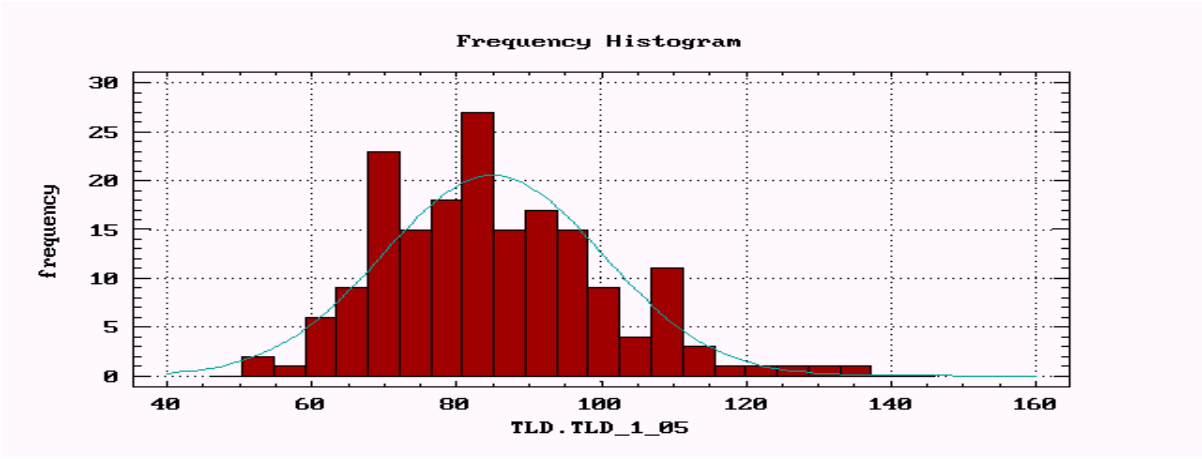
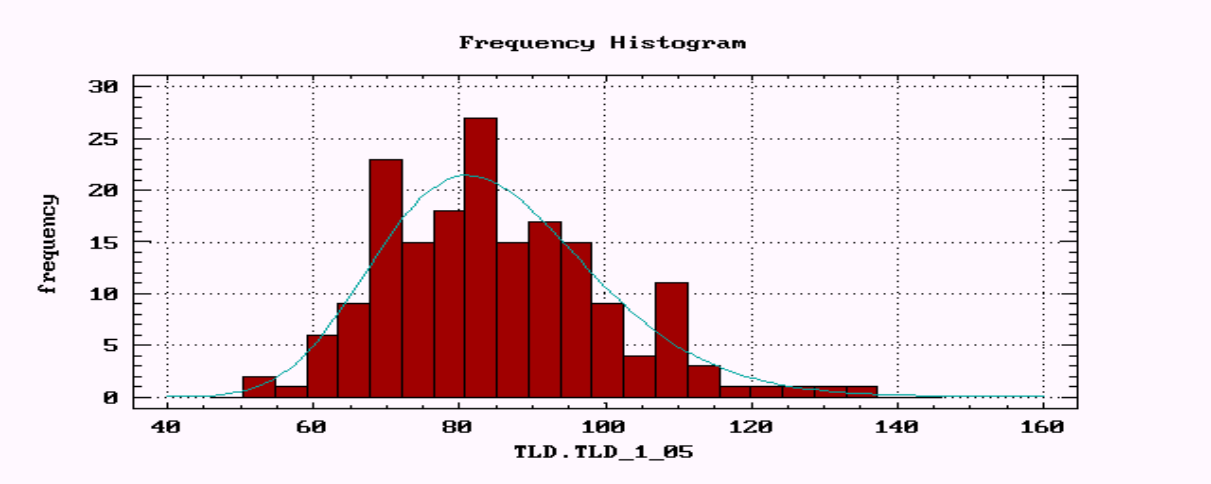


Figure No 5

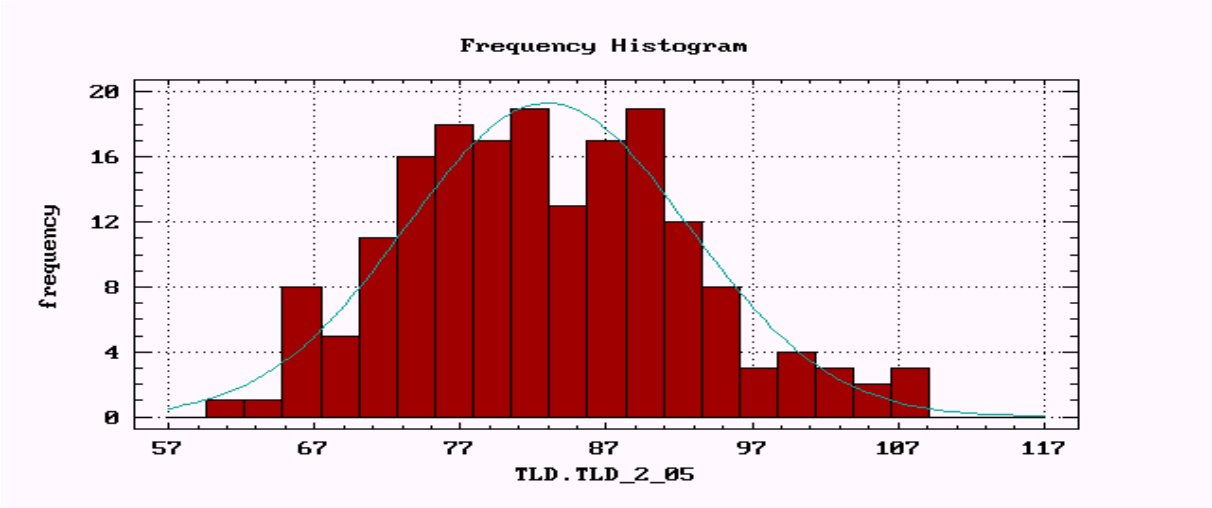


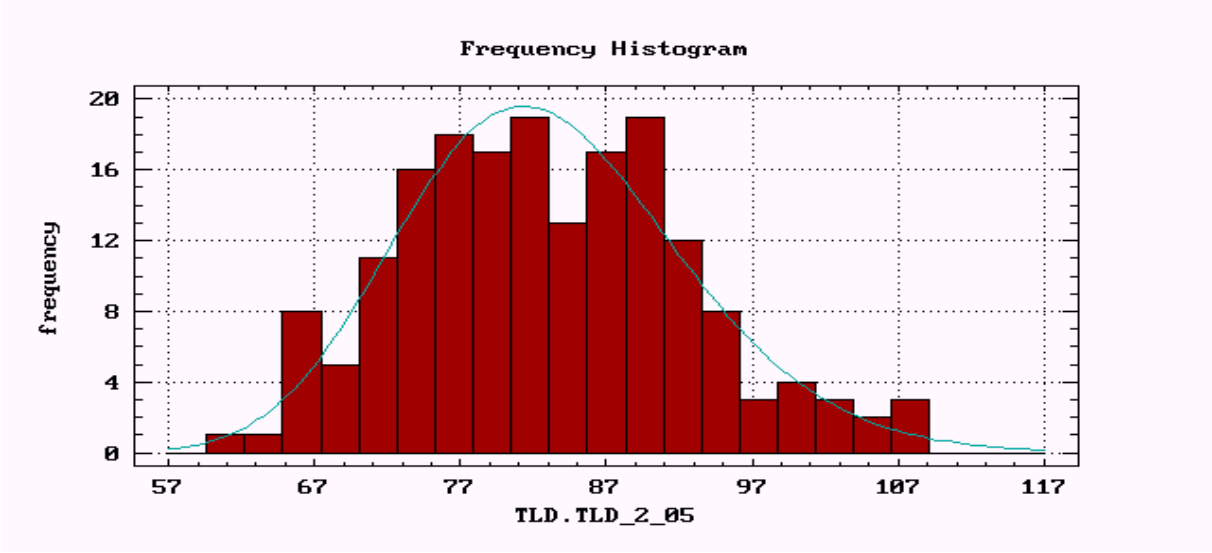
Figures No 6, 7



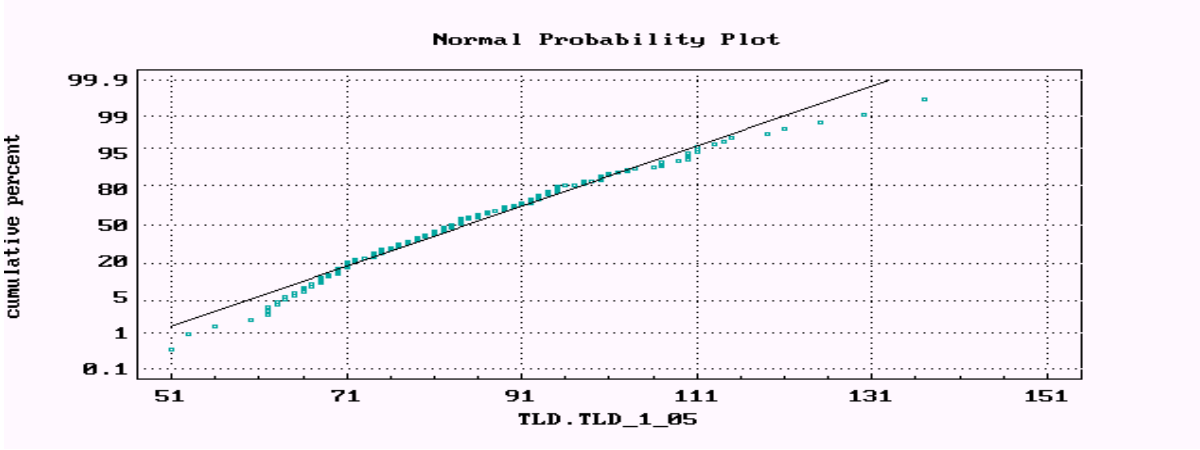


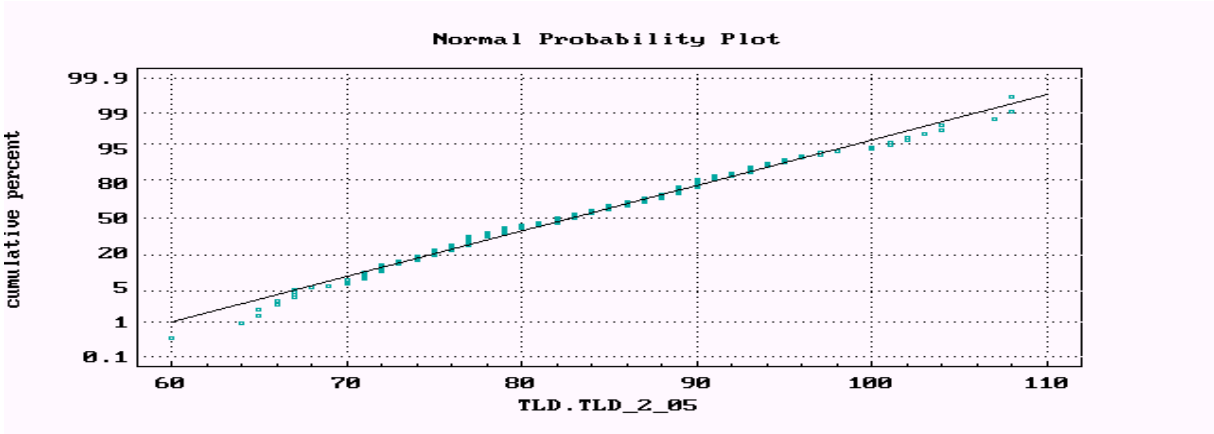
Figures No 8, 9

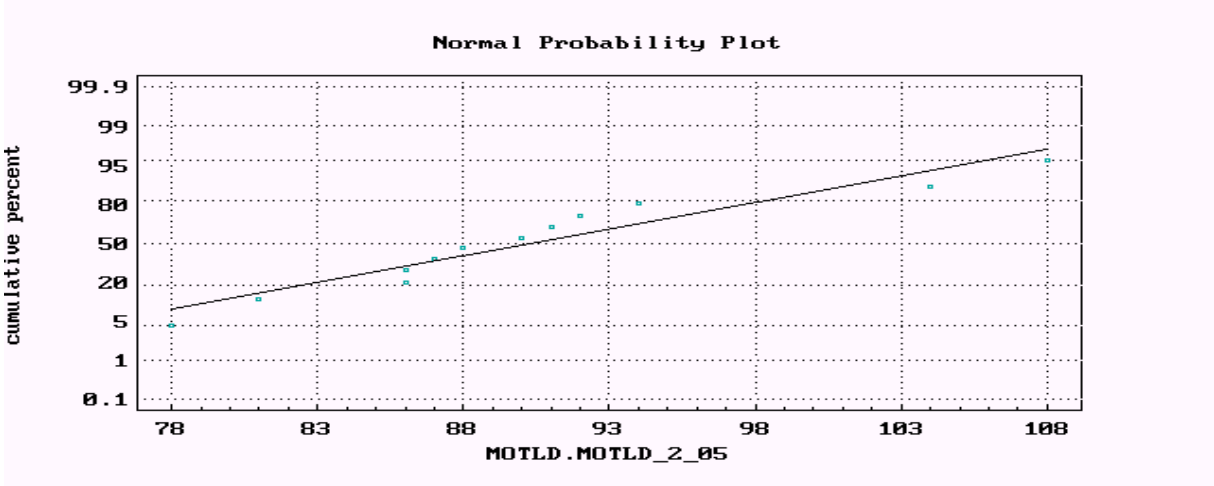




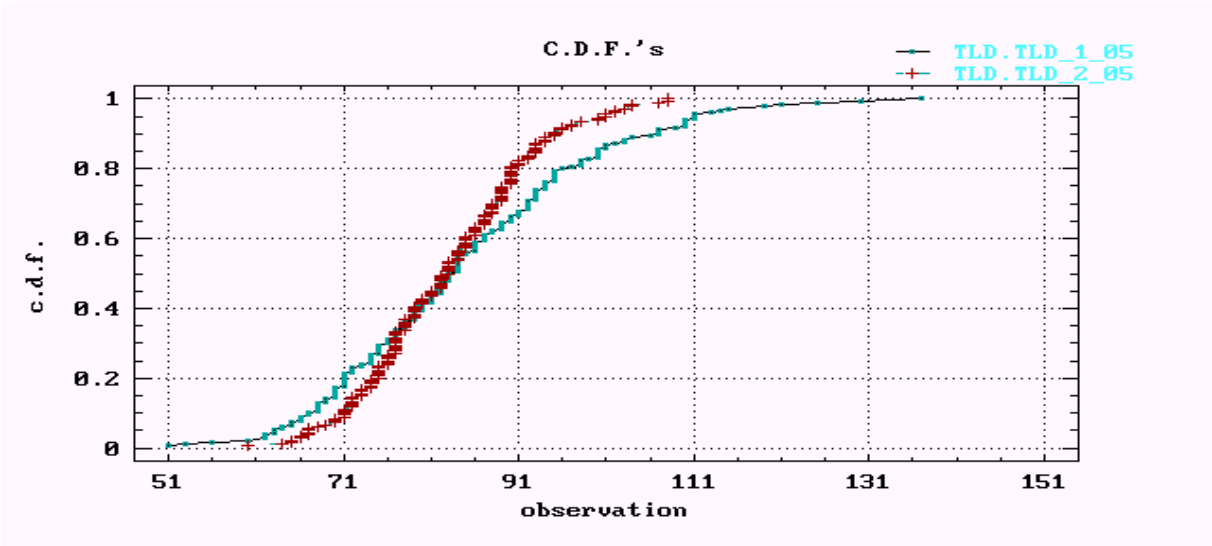
Figures No 10, 11, 12

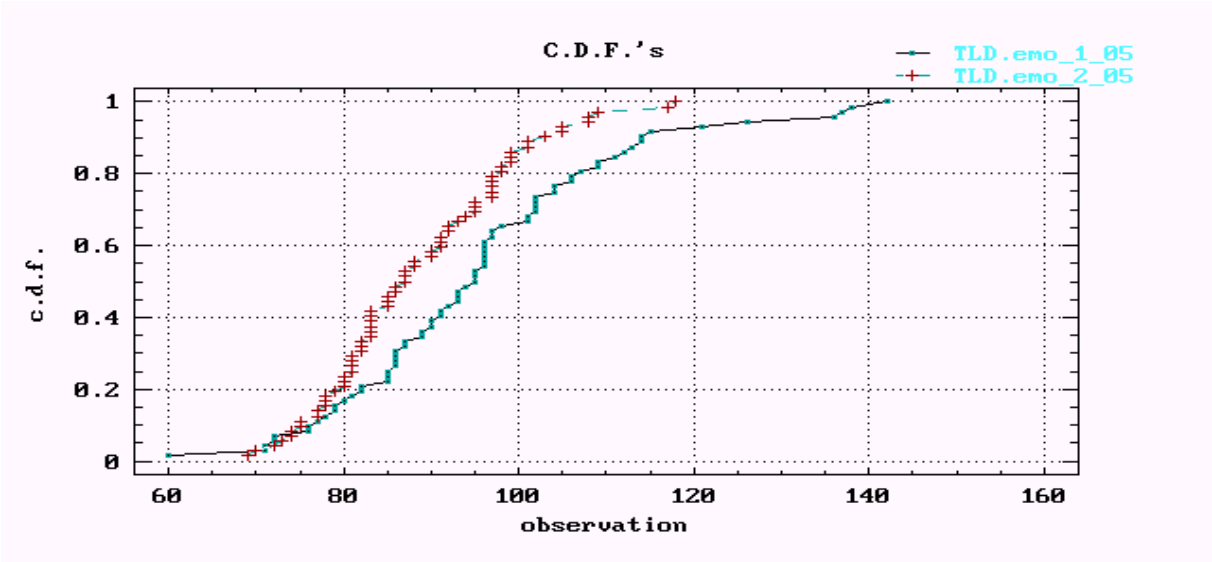






Figures No 13, 14





Dose rate measured by IC

Dose rates of gamma radiation in the air are measured in RSS ionization chamber manufactured by Reuter Stokes Company. Dose rates are presented without deduction of a cosmic radiation contribution and the air pressure value corresponds with the data from the Mochovce Weather Station. Results were evaluated under the rate of the ambient dose equivalent H*(10).

The cosmic radiation contribution was measured at „the Veľké Kozmálovce dam“ as follows:

Date of measurement	30.5.2005	28.9.2005
Place of measurement	Veľké Kozmálovce - Dam	Veľké Kozmálovce - Dam
Obtained value [nSv/h]	50 ± 3	39 ± 4

The minimum value of 68 nSv/hour was obtained at the location SDS Čifáre and the maximum value of 107 nSv/hour was obtained at the location SDS SE-EMO – cooling towers.

Investigation levels for instantaneous inputs of ambient dose equivalent rate have not been exceeded.

Above the scope of the monitoring program QA-07-01, we monitored the location of SE-EMO cooling towers too.

On the base of statistic analyses we can state that median of dose rates from all locations achieved the same level as in 2004. However, values of the instantaneous dose rate depend on the location monitored and on the weather impacts very much.

Table: basic statistic data - SDS Mochovce, SDS Nový Tekov a SDS Rybník

	SDS Mochovce	**SDS Nový Tekov**	SDS Rybník
Variable:			
Sample size	12	12	12
Average	95.5	96.5833	89
Median	97.5	97.5	95
Mode	98	99	95
Geometric mean	95.2846	96.4406	88.2287
Variance	41.1818	29.1742	139.455
Standard deviation	6.41731	5.40132	11.8091
Standard error	1.85252	1.55923	3.40899
Minimum	78	84	69
Maximum	102	106	101
Range	24	22	32
Lower quartile	94	94	77
Upper quartile	99.5	99.5	97
Interquartile range	5.5	5.5	20
Skewness	-2.06684	-0.825894	-0.838636
Standardized skewness	-2.92296	-1.16799	-1.18601
Kurtosis	5.03332	2.24129	-1.16912
Standardized kurtosis	3.55909	1.58483	-0.826689
Coeff. of variation	6.71969	5.59239	13.2686
Sum	1146	1159	1168

Conclusions: The variation coefficient in the locations monitored is lower than 1, i.e. the data distribution could be well substituted by a normal curve.

Figures No 1, 2: Box and Whisker plots (including deviating points for each location) – all SDS locations (their order is identical with the one used in the final section), deviating points not to be investigated further. For comparison purposes we have also presented the data for 2004.

Figures No 3, 4, 5: Box and Whisker plots – locations SDS Mochovce , Nový Tekov & Rybník (monitored in the period 1987-2005)

Conclusions: Since 1996 we have been using a new measuring equipment RSS 112; this replacement has invoked an increase of monitored values at all locations.

Figures No 6, 7: Normal and lognormal distribution – all SDS locations as a whole

Figure No 8: Quantile plot for the Mochovce location
Conclusions: Similar plots shall be constructed for other locations too

Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: IK.IK_04 Sample 2: IK.IK_05 Estimated overall statistic DN = 0.0888889 Approximate significance level = 0.475594	Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: NTIK.NT_2005 Sample 2: MOIK.MO_2005 Estimated overall statistic DN = 0.166667 Approximate significance level = 0.996255

Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: NTIK.NT_2005 Sample 2: RYIK.RY_2005 Estimated overall statistic DN = 0.333333 Approximate significance level = 0.517551	Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: MOIK.MO_2005 Sample 2: RYIK.RY_2005 Estimated overall statistic DN = 0.333333 Approximate significance level = 0.517551

Figures No 9, 10: Distribution functions – the description can be found in figures

Conclusions: The significance level of a distribution-free test is sufficient enough to prevent the hypothesis on the identical distribution of values from going rejected.

Kruskal-Wallis analysis of IK.IK_05 by IK.SDS

Level	Sample Size	Average Rank
1	12	30.2917
2	12	64.2500
3	12	122.958
4	12	127.083
5	12	128.583
6	12	116.000
7	12	41.8750
8	12	51.0833
9	12	49.0000
10	12	62.0000
11	12	98.8333
12	12	81.4167
13	12	126.250
14	12	88.5833
15	12	169.292

Test statistic = 101.45 Significance level = 2.55351E-15 15

Kruskal-Wallis analysis of IK.IK_04 by IK.SDS

Level	Sample Size	Average Rank
1	12	30.5833
2	12	76.4583
3	12	119.708
4	12	116.667
5	12	140.958
6	12	109.750
7	12	32.7500
8	12	45.6250
9	12	39.6250
10	12	61.2917
11	12	112.625
12	12	78.9167
13	12	130.000
14	12	97.5417
15	12	165.000

Test statistic = 109.934 Significance level = 1.11022E-16

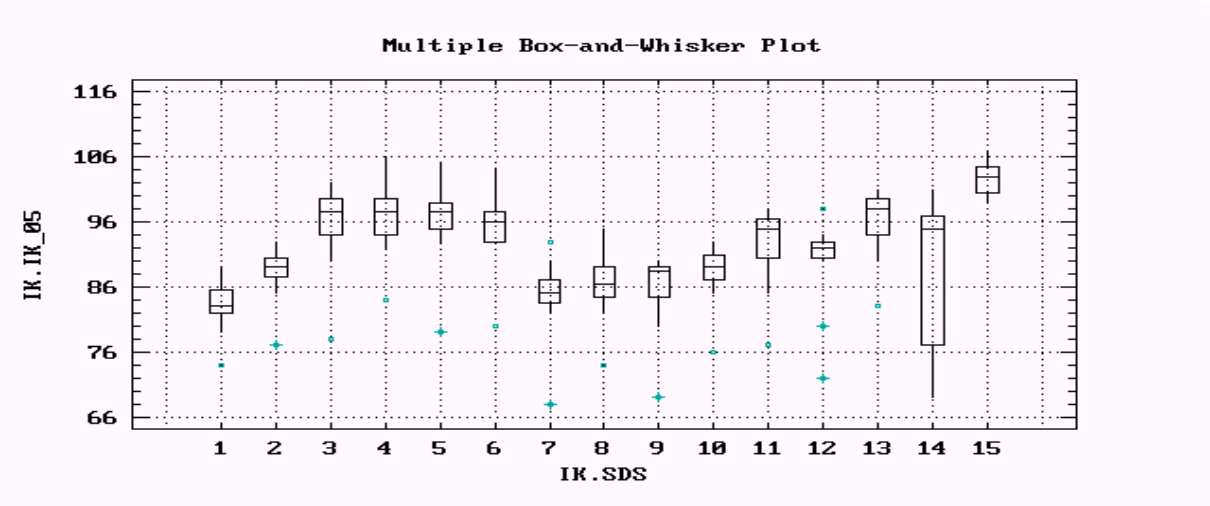
Friedman analysis of IK.IK_05 by IK.SDS

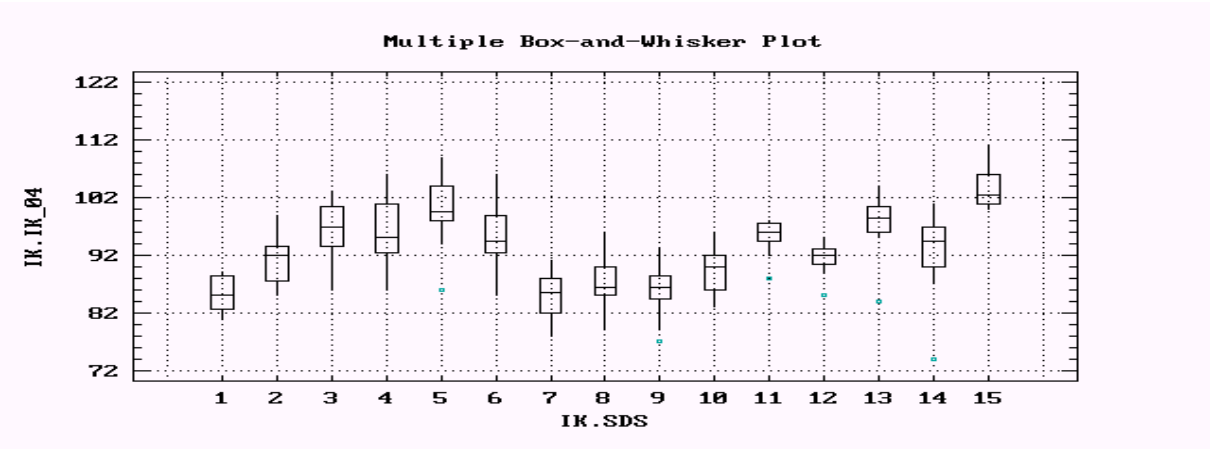
Level	Sample Size	Average Rank
1	12	2.04167
2	12	5.54167
3	12	11.2500
4	12	11.8750
5	12	12.2917
6	12	10.5417
7	12	3.08333
8	12	4.45833
9	12	3.66667
10	12	5.20833
11	12	8.95833
12	12	6.70833
13	12	11.8750
14	12	7.62500
15	12	14.8750

Test statistic = 133.35 Significance level = 0

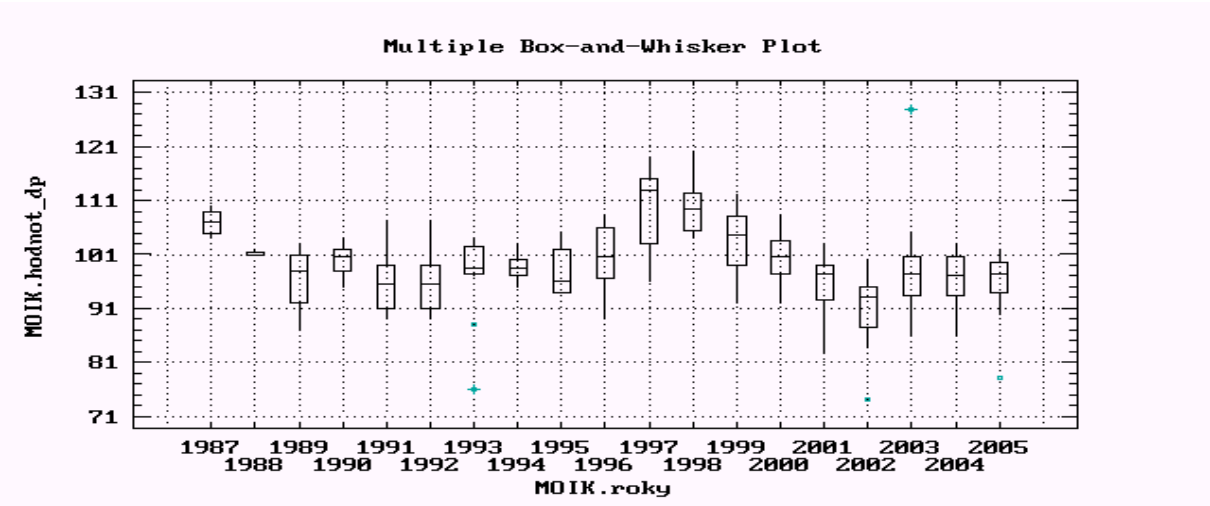
Conclusions: Both Kruskal-Wallis analysis and Friedman analysis have rejected equality and identity of investigated files (2005) due to too low significance levels.

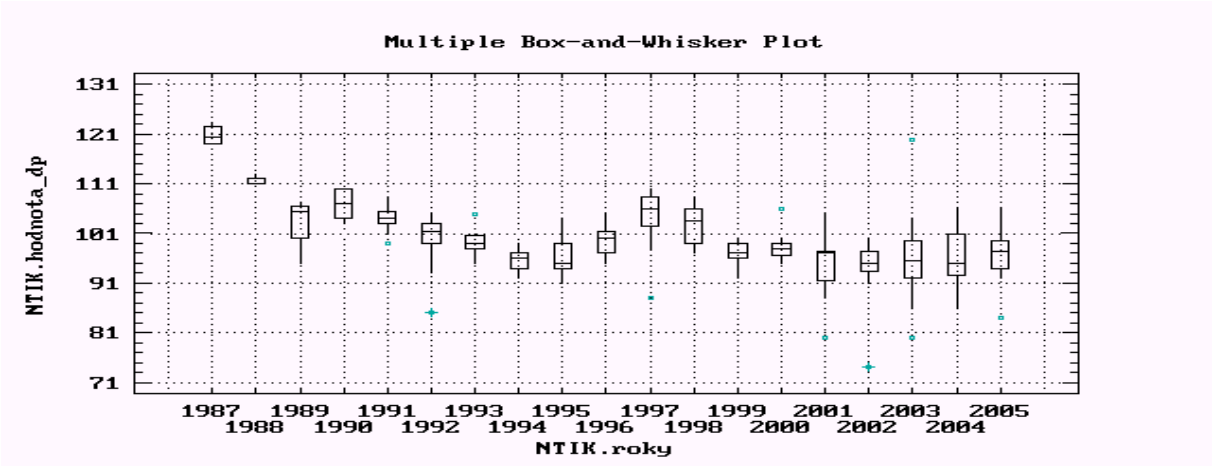
Figures No 1, 2

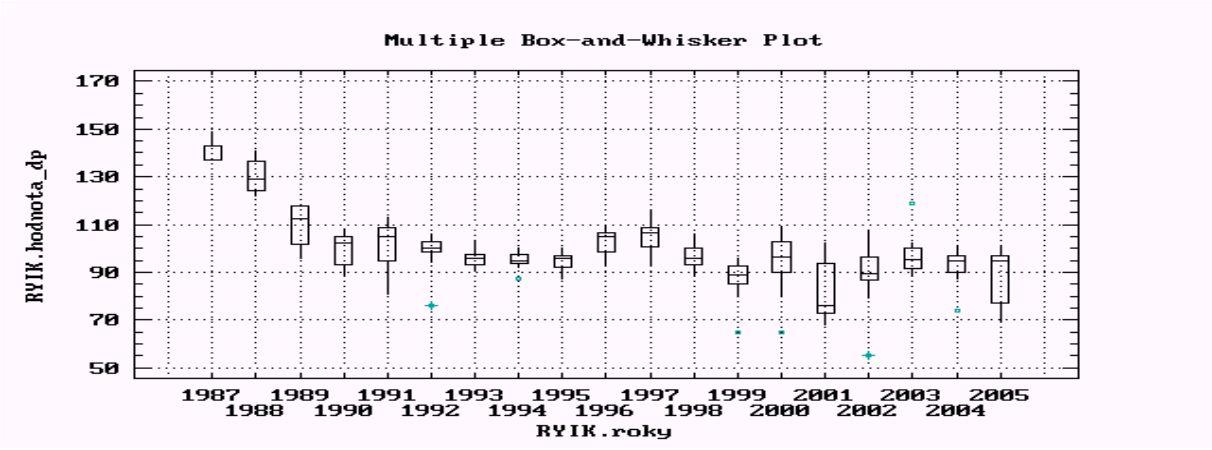




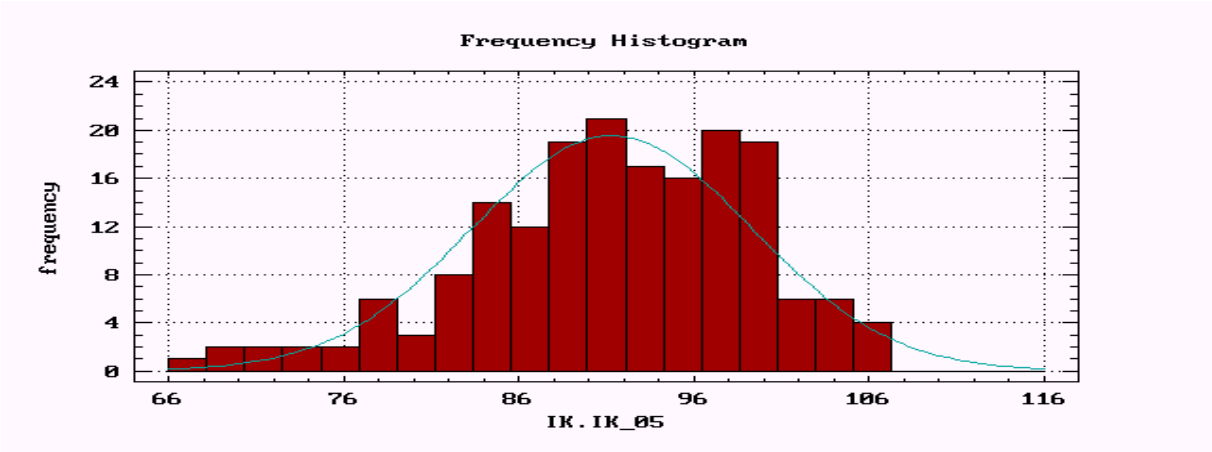
Figures No 3, 4, 5







Figures No 6, 7



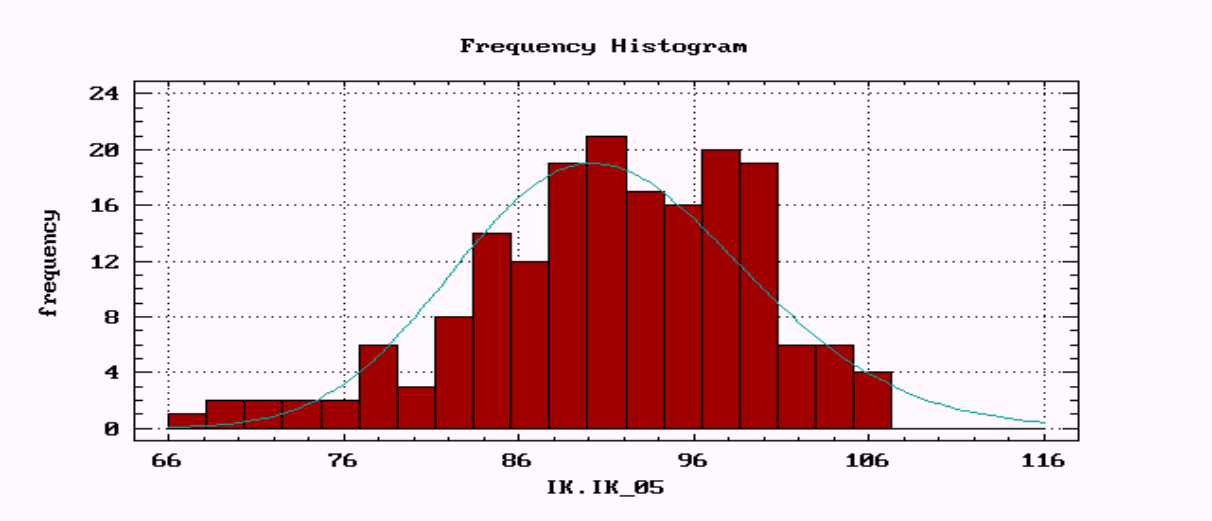
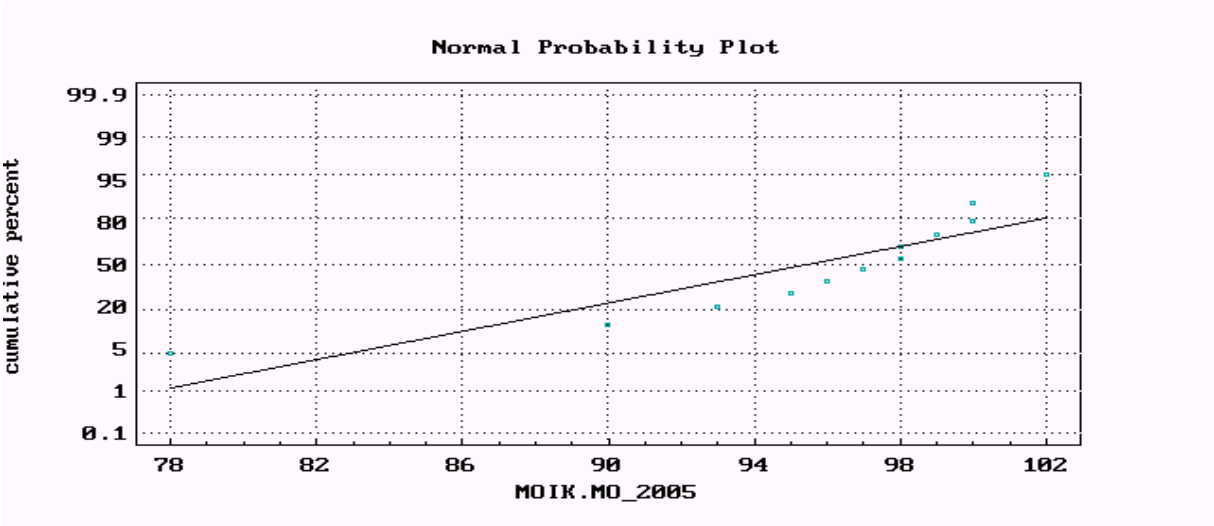
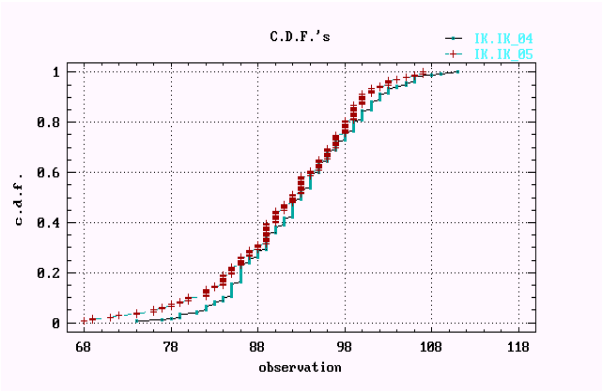
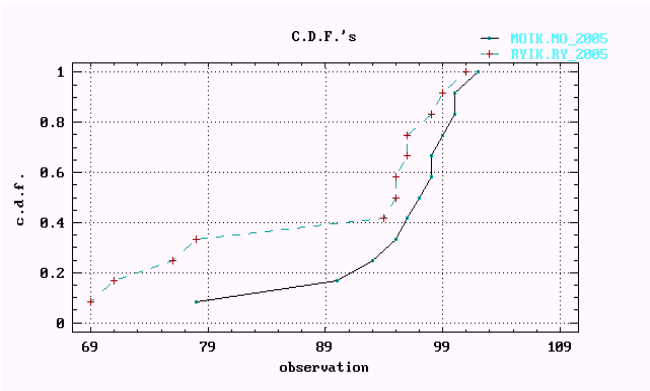


Figure No 8



Figures No 9, 10





Field gamma spectrometry

Results regarding radiochemical measurements of soils at the IN SITU locations are presented in the table Field gamma spectrometry – radiochemical measurements, section „Soil specific activity“.

There was recorded following exceeding of investigation levels during radiochemical measurements of ^{90}Sr:

Location	Investigation level (Bq/kg)	Obtained value (Bq/kg)
Tekovský Hrádok	3	3,7
Tesárske Mlyňany - arborétum	4	4,3
SE-EMO areál	3	3,9

Results obtained from the SE-EMO area clearly show that there were performed ground works there and that soil was transported from another location.

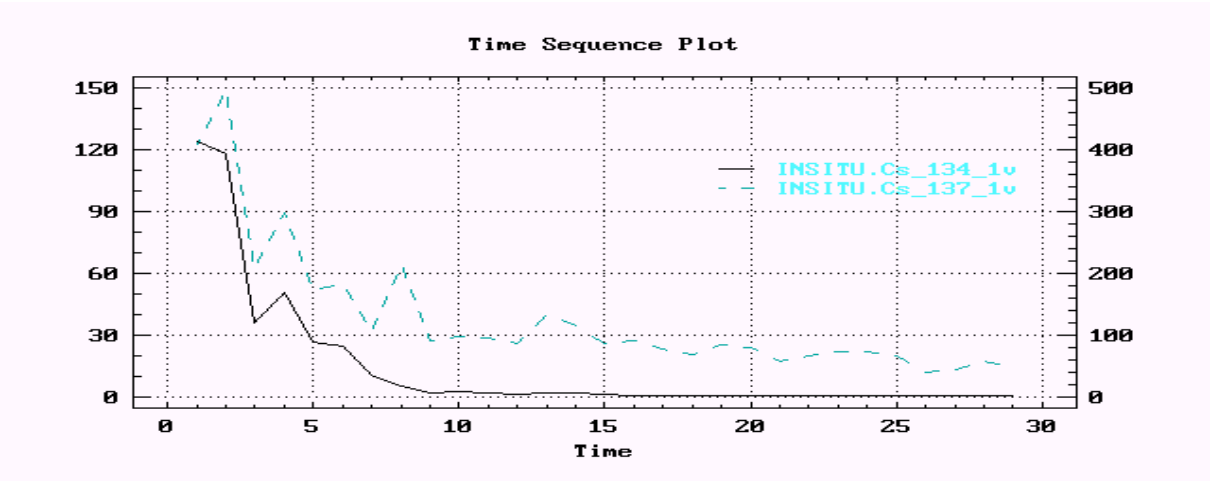
Dose rates presented in this section were converted onto kerma in the air; the only exception was applied to the measurements of dose rates in the IC – specified as the ambient dose equivalent rate.

Following field gamma spectrometry plots are related to the most typical IN SITU measuring location - Vráble location – dimensional unit Bq/kg. This unit was specified as Bq/m^2 in the previous years. It was defined as the laboratory activity divided by square units. Regarding the fact that we deal with specific activities in the laboratory, the surface activities were converted onto the specific ones. We have taken into account the average nominal weight of soil from the location specified. Comparison of plots from the previous period has proven the plots' character maintained.

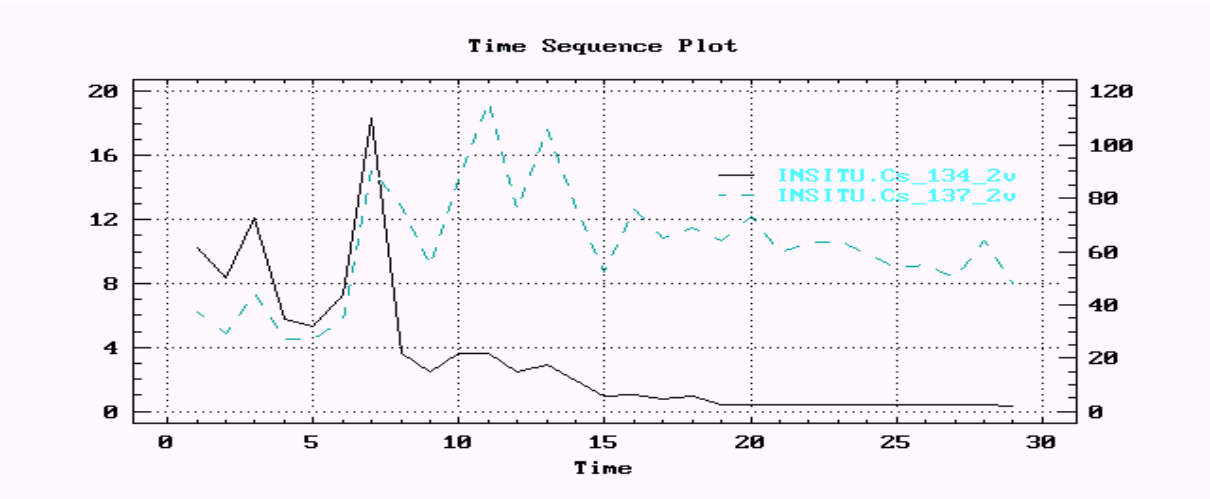
The rest of locations has been already changed due to impacts of human activities and the locations have been moved of certain distances from the original ones res. a whole location has been changed. Vráble location was moved of circa 100 m in the second half of 1997. Plots demonstrate the values monitored since 1988.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

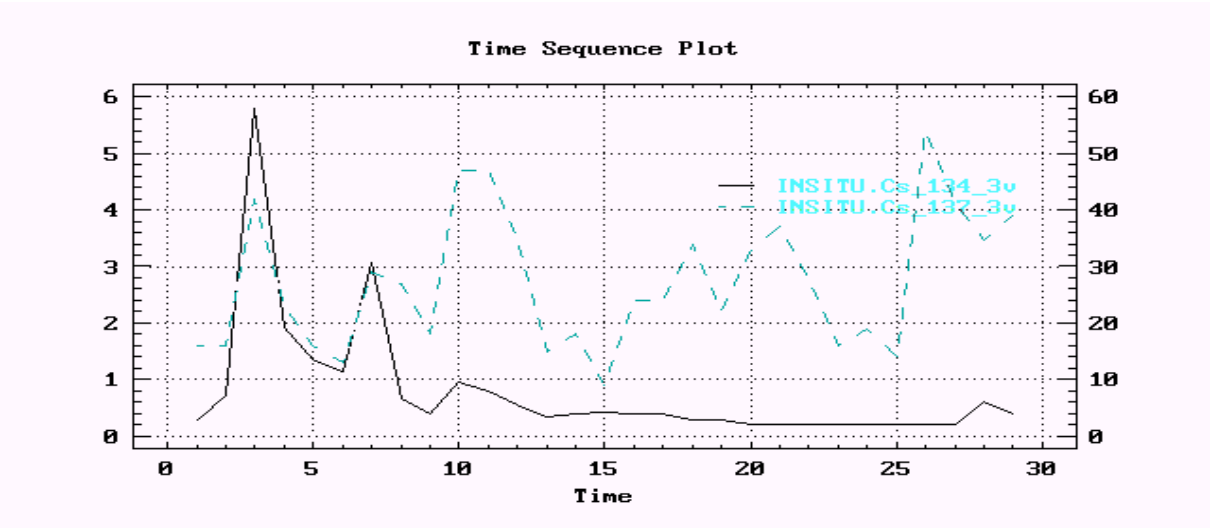
The sampling layer depth: 0-2 cm



The sampling layer depth: 2-5 cm



The sampling layer depth: 5-10 cm



Soil specific activity

There was used a unified soil sampling layer depth of 0-5 cm in the analysis.
We made no separate investigation of the locations, whereas soils were measured twice a year only; in the case of radiochemical analyses, soils of respective location are analyzed once a year only.
Regarding gamma spectrometry, this year we have not recorded the investigation rank having been exceeded.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: *Basic statistic data for ^{137}Cs – all the locations considered as a whole (2005)*

Variable:	**Soils** - locations of all 6 SDS
Sample size	12
Average	17.4675
Median	10.35
Mode	10
Geometric mean	12.5731
Variance	317.937
Standard deviation	17.8308
Standard error	5.14731
Minimum	4.76
Maximum	56.5
Range	51.74
Lower quartile	9.135
Upper quartile	14.75
Interquartile range	5.615
Skewness	1.92483
Standardized skewness	2.72213
Kurtosis	2.352
Standardized kurtosis	1.66311
Coeff. of variation	102.08
Sum	209.61

Figure No 1: time sequence of ^{134}Cs & ^{137}Cs related to the SDS location Nový Tekov for monitored years 1994-2005; the sampling layer depth was 0 - 5 cm (until 1996 we reported the activity related to the depth of 2-5 cm); freqeuncy of off-takes – twice a year.

Figure No 2: time sequence of ^{134}Cs & ^{137}Cs related to the SDS location Kalná for monitored years 1994-2005; the sampling layer depth was 0 - 5 cm (until 1996 we reported the activity related to the depth of 2-5 cm); freqeuncy of off-takes – twice a year.

Note: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample.

Figure No 1

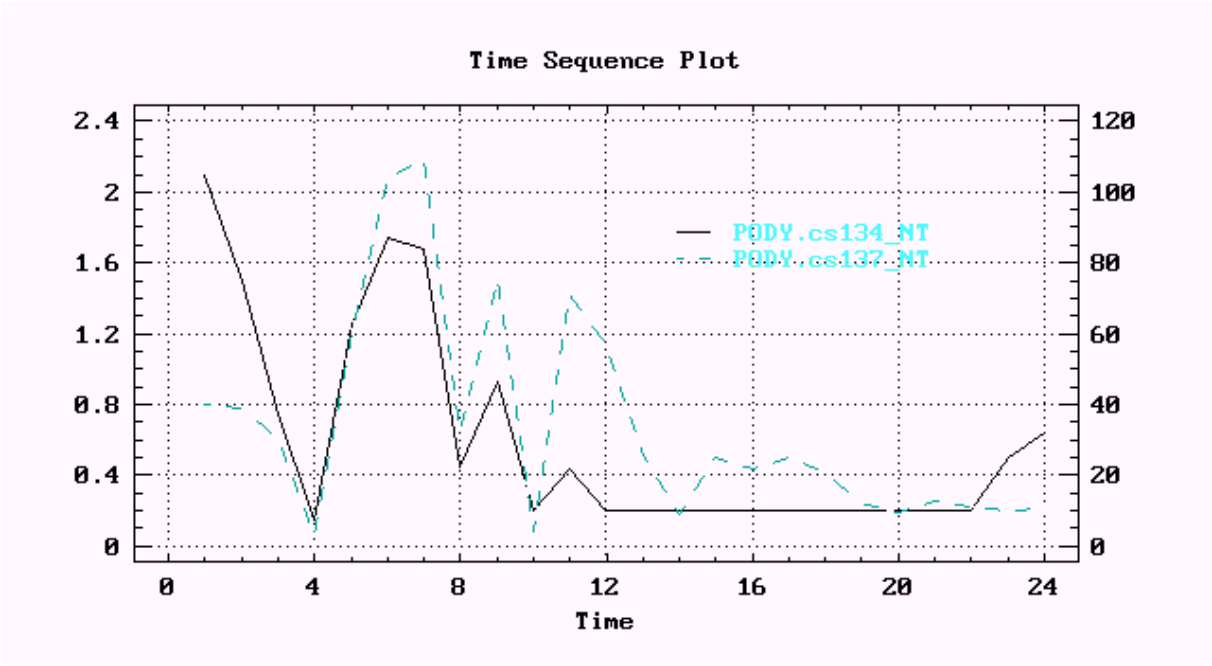
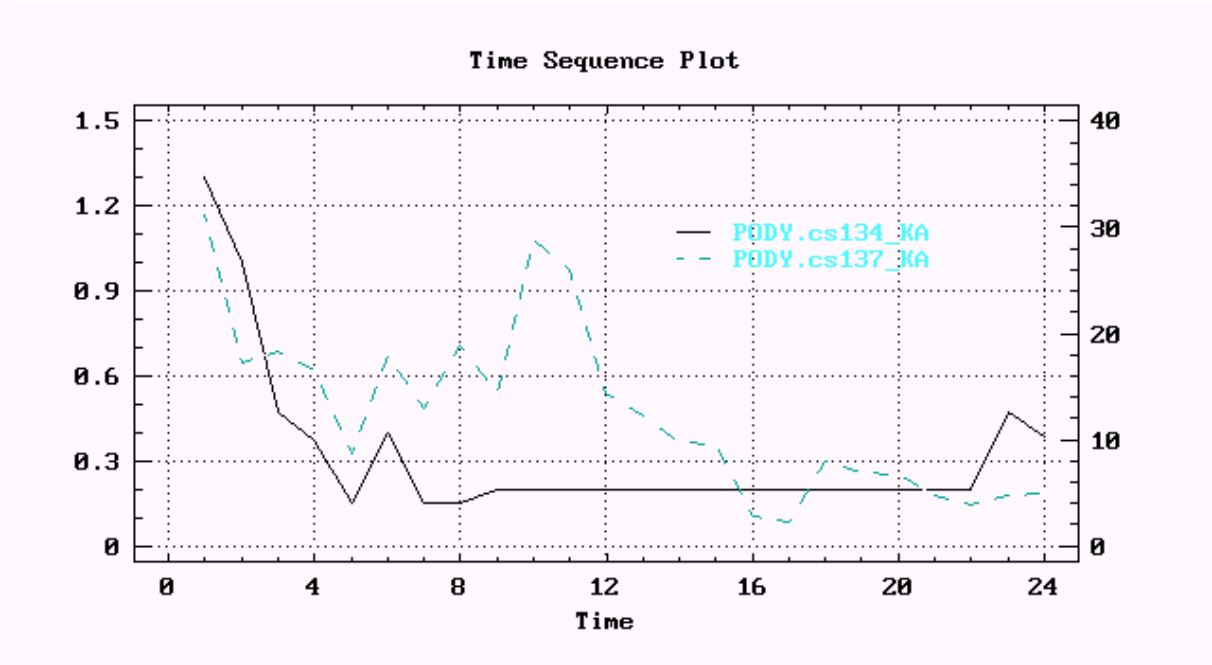


Figure No 2



Aerosol activity

The activity of monitored antropogenic radionuclides was lower than MDA, while we had recorded ^{137}Cs activity at following stations: Vráble in the week 41 and Zlaté Moravce in the week 14.

Investigation levels of the gross beta activity have been exceeded at following SDS:

Location	Period (week)	Location	Period (week)
ERML	37, 39, 40, 41, 45, 46	Červený Hrádok	39, 41, 45, 46
Levice	37, 41, 45, 46	Nemčiňany	39, 41, 45, 46
Kalná nad Hronom	39, 41, 45, 46	Malé Kozmálovce	6, 7, 39, 41, 45, 46
Mochovce	39, 41, 45, 46	Nový Tekov	39, 41, 45, 46
Čifáre	37, 39, 41, 45, 46	Kozárovce	39, 40, 41, 45, 46
Veľký Ďur	39, 40, 41, 45, 46	Zlaté Moravce	37, 39, 40, 41, 44, 45, 46
Vráble	7, 39, 41, 45, 46	Rybník	31, 39, 41, 45, 46
Tajná	6, 39, 41, 45, 46		

Within the given period, we have made a comparison with gamma spectrometric measurements at the locations specified. The measurements did not prove any elevation. The values monitored (in some cases the elevation exceeded 5 sigma) were perhaps affected by increased dustiness absorbed by the filter.

The overflow of flushing equipment is set on 60 m^3/hour with an exception for SDS SE-Mochovce with the overflow set on 80 m^3/hour. Some locations have suffered from a broken continuous flushing equipment - Mochovce, Kozárovce.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period.

Similarly to TLD, we have chosen three SDS for statistic comparison regarding the gross beta activity: Mochovce, Nový Tekov and Rybník.

Table: Basic statistic data

	SDS Mochovce	**SDS Nový Tekov**	SDS Rybník
	Gross beta acitivty		
Variable:			
Sample size	52	52	52
Average	342.75	397.385	380.635
Median	275	337.5	328
Mode	274	328	322
Geometric mean	303.543	354.776	332.591
Variance	35231.5	40276.9	44482.1
Standard deviation	187.701	200.691	210.908
Standard error	26.0294	27.8308	29.2476
Minimum	116	121	94
Maximum	934	1019	1047
Range	818	898	953
Lower quartile	237.5	267.5	244
Upper quartile	403	474.5	452
Interquartile range	165.5	207	208
Skewness	1.69248	1.32459	1.38628
Standardized skewness	4.98252	3.89948	4.08111
Kurtosis	2.90137	1.72312	1.80164
Standardized kurtosis	4.2707	2.53637	2.65194
Coeff. of variation	54.7631	50.503	55.4095
Sum	17823	20664	19793

Conclusions: The investigated locations had the variation coefficient lower than 1, i.e. the data distribution can be simulated by a normal distribution curve with assumption that other locations would have the similar values. Values for the Mochovce location related to the period of broken re-flushing equipment have been substituted by the average ones.

Figure No 1: Box and Whisker plots for three locations - SDS Mochovce, Nový Tekov & Rybník.

Conclusions: As we can see at the Box and Whisker plots, investigated values contain deviating points as well. Explanation for these deviating points was mentioned above.

Figure No 2: Quantile chart regarding the group of values of the gross beta activity for the Mochovce SDS

Conclusions: Quantile charts with similar characteristics shall be also constructed for other SDS locations

Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: AEROS05.MO_05_beta Sample 2: AEROS05.NT_05_beta Estimated overall statistic DN = 0.288462 Approximate significance level = 0.0264162	Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: AEROS05.MO_05_beta Sample 2: AEROS05.RY_05_beta Estimated overall statistic DN = 0.211538 Approximate significance level = 0.19501

Figure No 3: Distribution functionality for two locations

Conclusions: The significance level is sufficient enough for the hypothesis on identical distribution of values to be confirmed.

Kruskal-Wallis analysis of AEROS04.MO_NT_RY04 by AEROS04.SDS

Level	Sample Size	Average Rank
1	52	69.9615
2	52	85.9231
3	52	79.6154

Test statistic = 3.29324 Significance level = 0.1927

Friedman analysis of AEROS04.MO_NT_RY04 by AEROS04.SDS

Level	Sample Size	Average Rank
1	52	1.37500
2	52	2.52885
3	52	2.09615

Test statistic = 35.5072 Significance level = 1.9485E-8

Conclusions: Kruskal – Wallis Test did not reject the assumption that the data from three investigated locations were identical, but identity of files was not confirmed by Friedman Analysis.

At the *Figure No 4* we can see seasonal variations of ^{7}Be cosmogenic radionuclide at the Levice location since 1990. At the end of 2000, we had to shut down the operation of SDS at this location having been in operation from 1990 (it was operated irregularly before 1990). After shutting down this SDS, we have put SDS ERML in permanent operation in the week 6 (2001) by installing it at the roof of our building in the city centre. Values at this plot are related to the last four years (2001 to 2005) at the SDS ERML location and they cover 52 weeks of a year.

Figure No 1

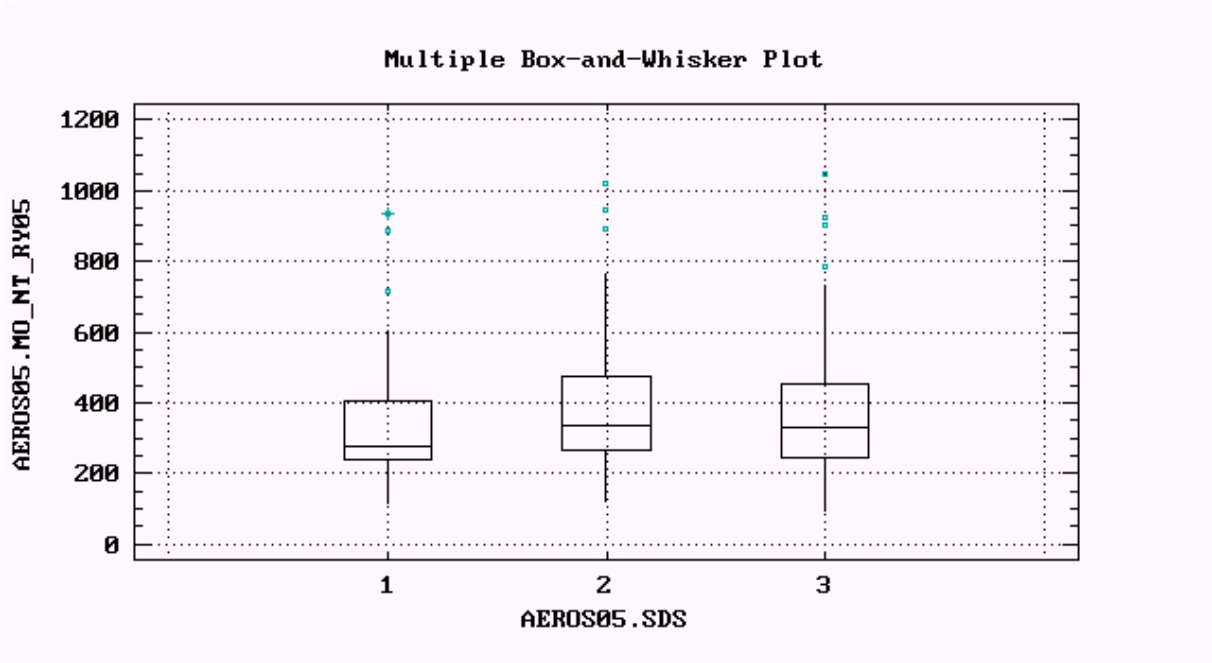


Figure No 2

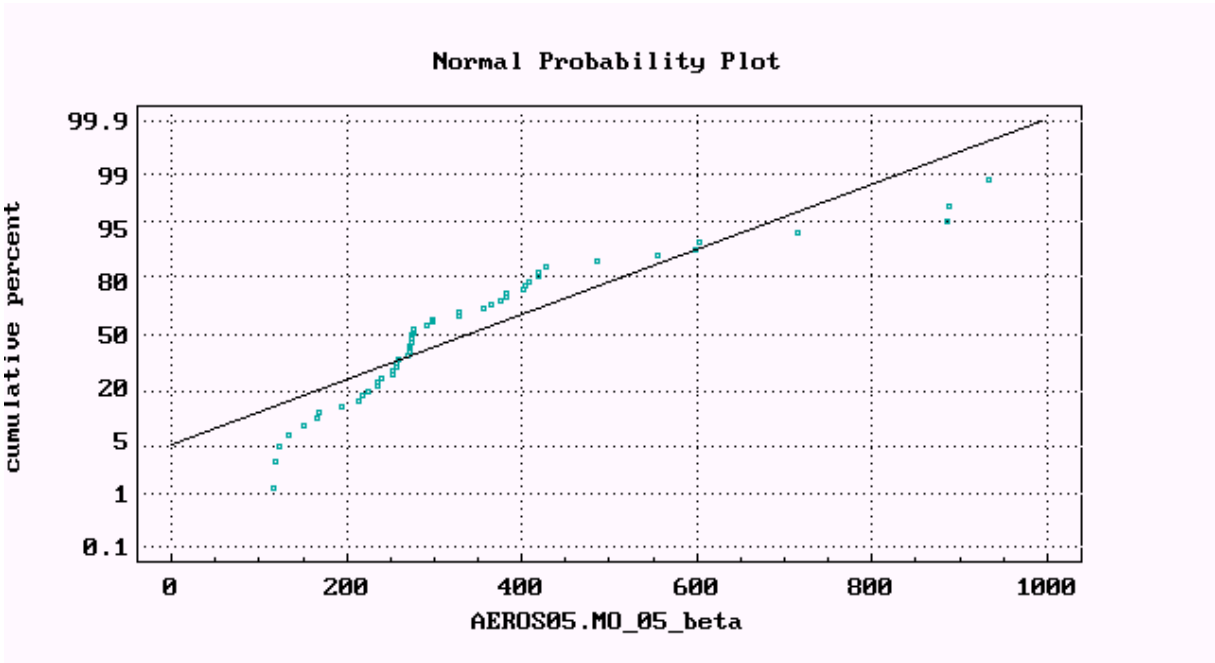


Figure No 3

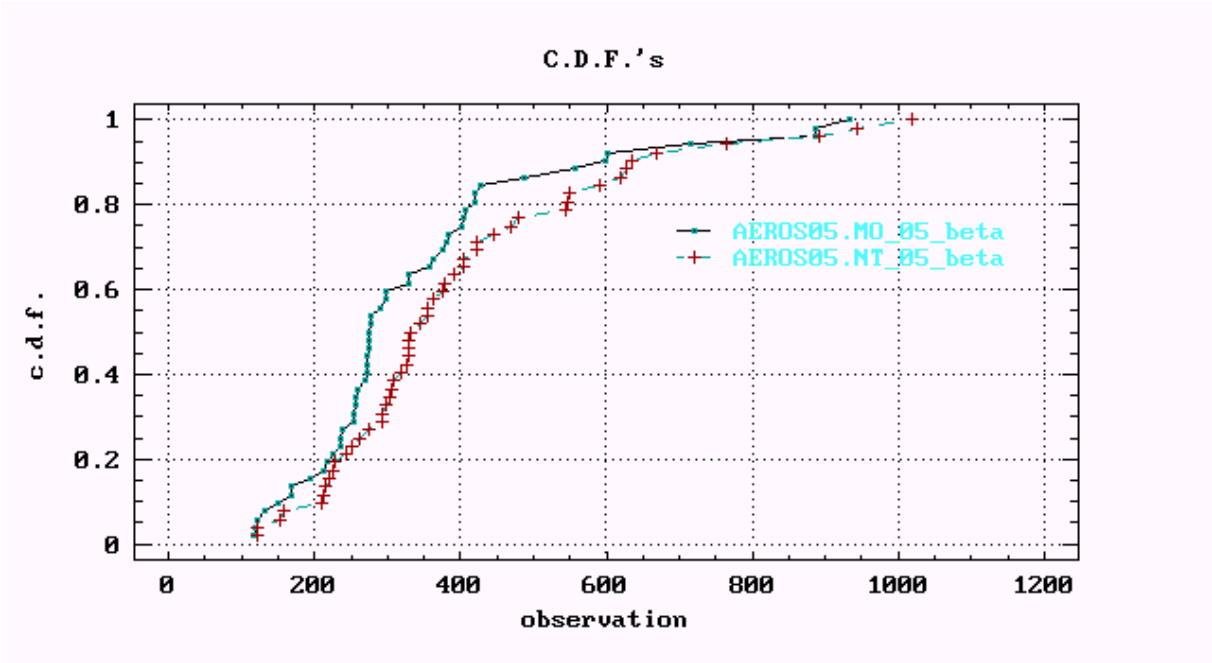
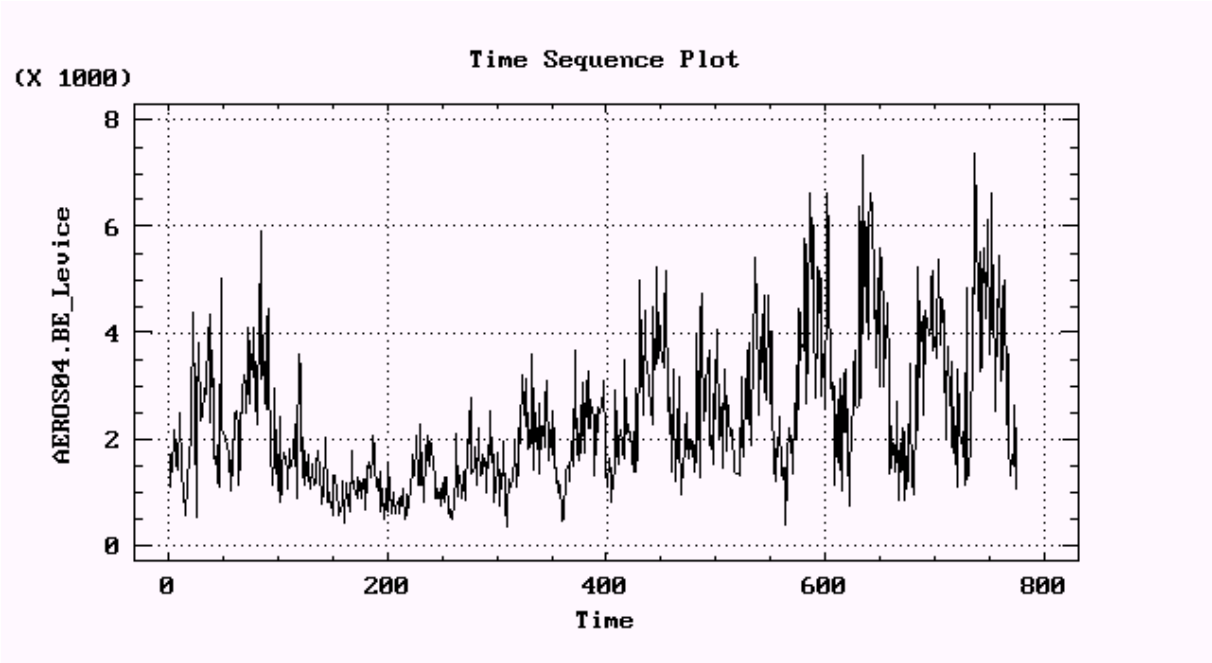


Figure No 4



Fallout activity

The activity of ^{134}Cs & ^{137}Cs radionuclides did not reach MDA in the most of measurements. We did not perform the basic statistic for 2004 at the locations, whereas the number of measurements was too low.

Investigation levels (3 sigma) under the gross beta activity were exceeded as follows:

Location	Period	Investigation level (Bq/m^2)	Obtained value (Bq/m^2)
SDS Vráble	II. quarter	10	33,6
SDS Malé Kozmálovce	IV. quarter	21	23,3

Note 1: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Note 2: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample. The graphic values could thus be slightly increased compared to average values from the previous years.

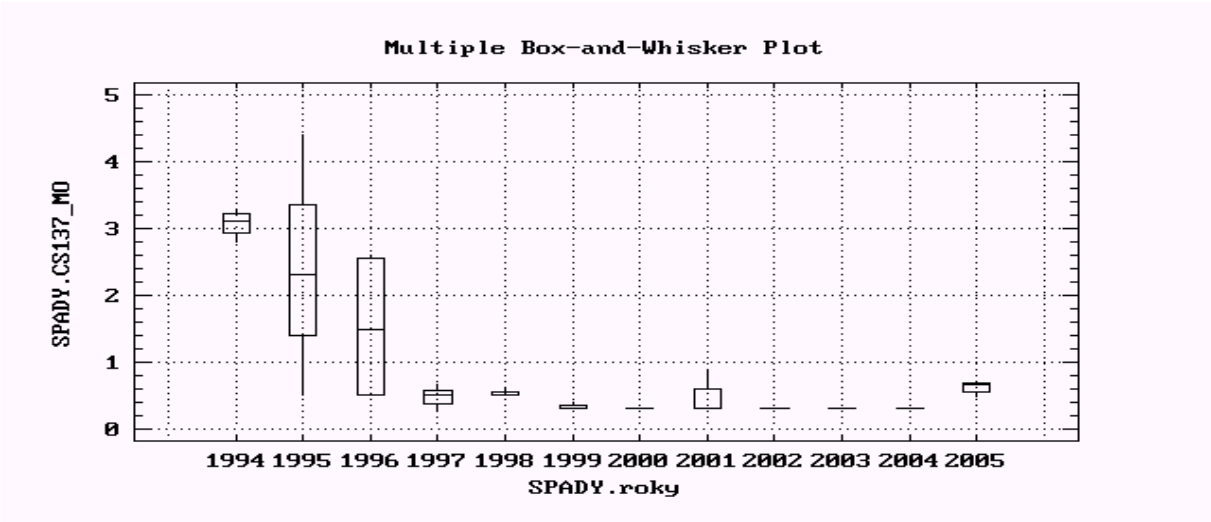
Figures No 1, 2: Box and Whisker plots for ^{137}Cs for each monitored year – Mochovce & Rybník locations (there were considered four measurements a year in the plots - quarterly off-takes).

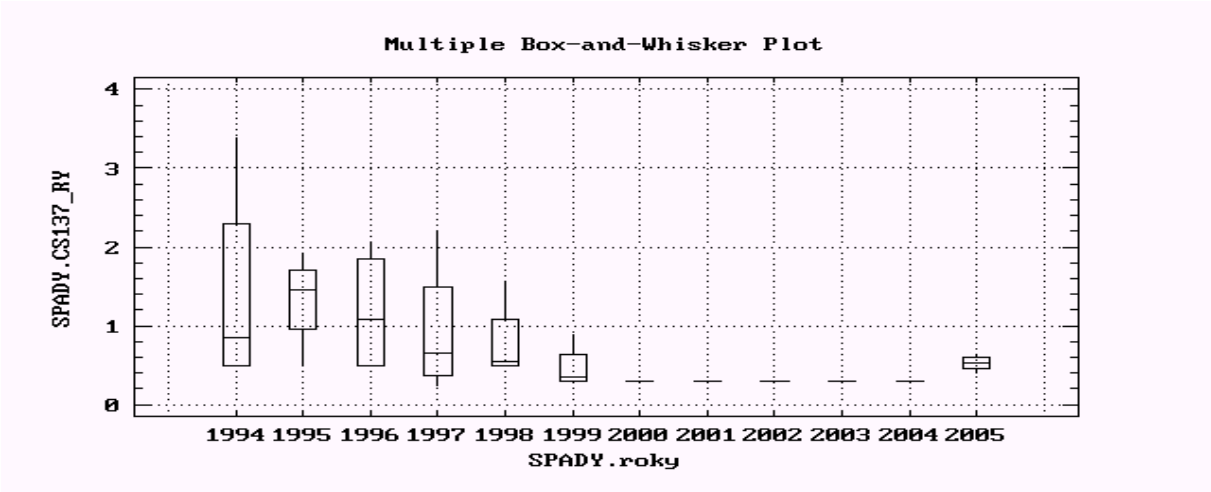
Figures No 3, 4: Box and Whisker plots for the gross beta activity for each monitored year – Mochovce & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

Figure No 5: time sequence of each measurement since 1994 - ^{137}Cs - Mochovce, Nový Tekov & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

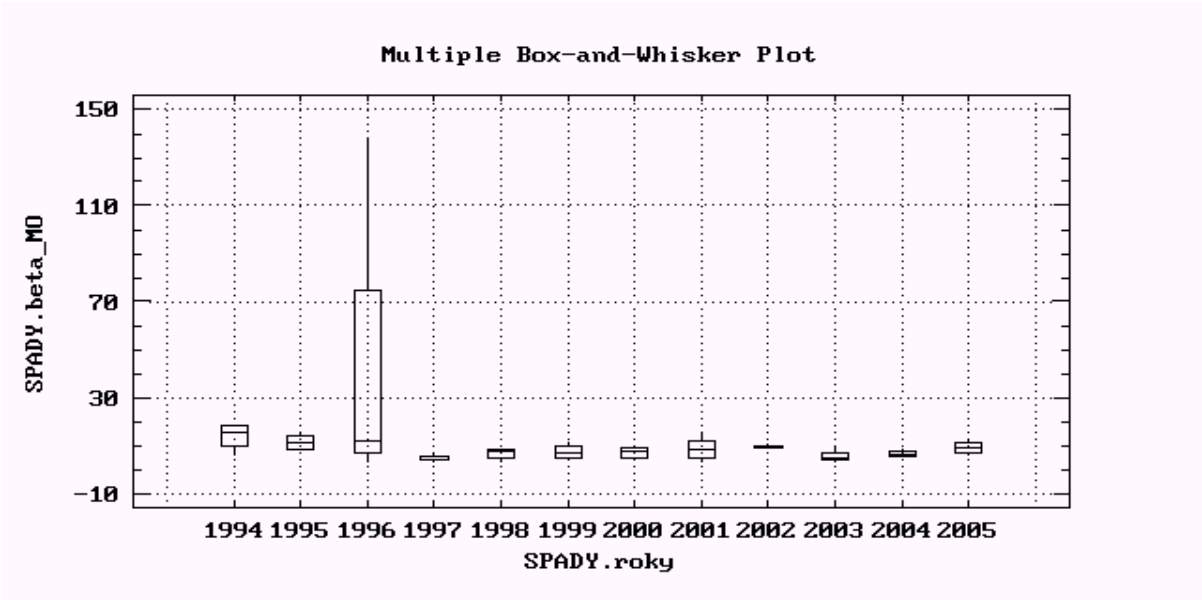
Figure No 6: time sequence of each measurement since 1994 – gross beta activity - Mochovce, Nový Tekov & Rybník locations (there were considered four measurements a year in the plots – quarterly off-takes)

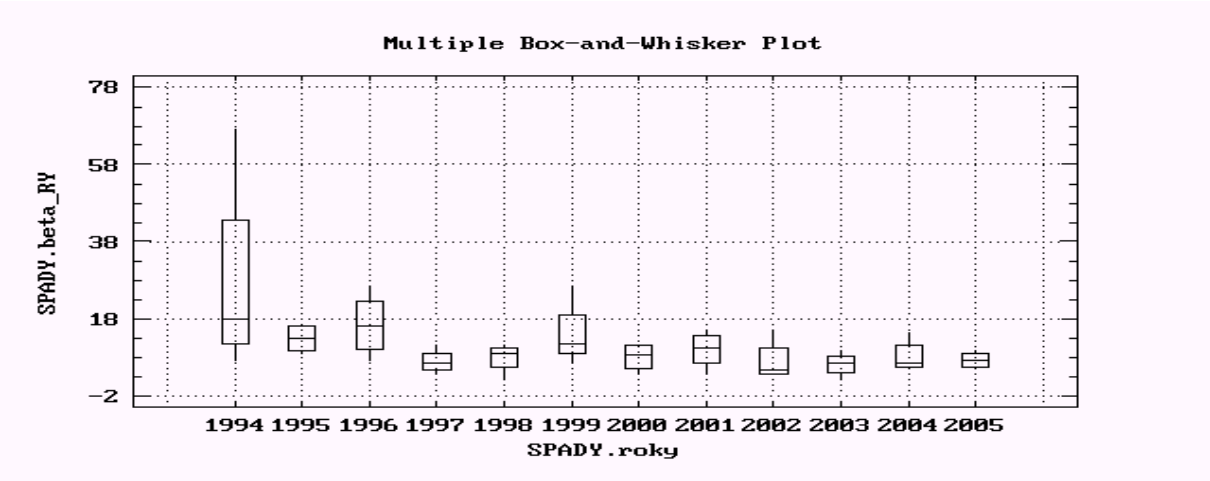
Figures No 1, 2



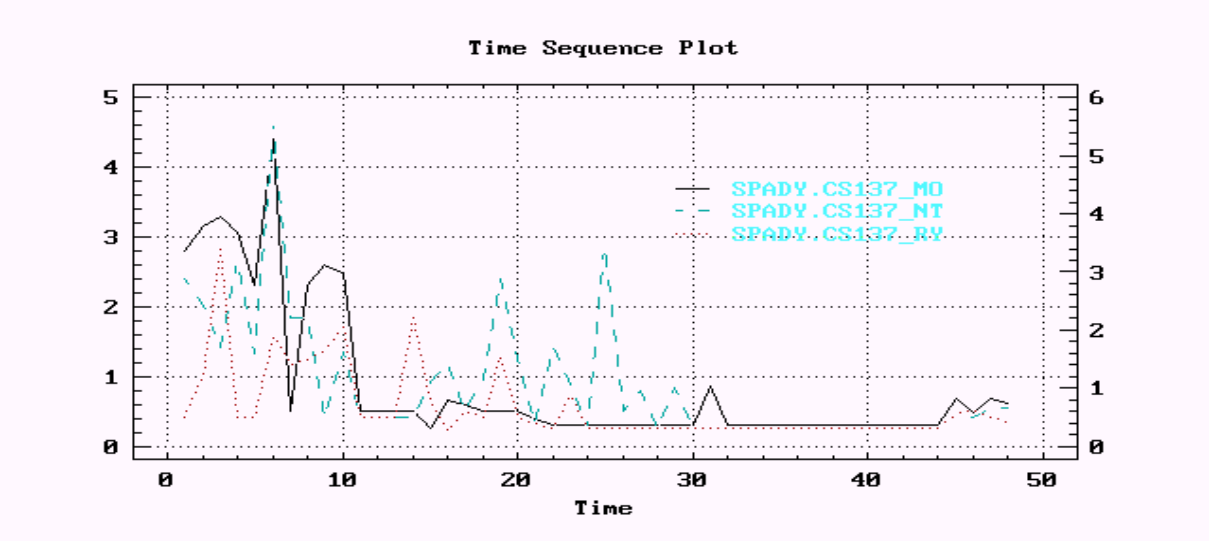


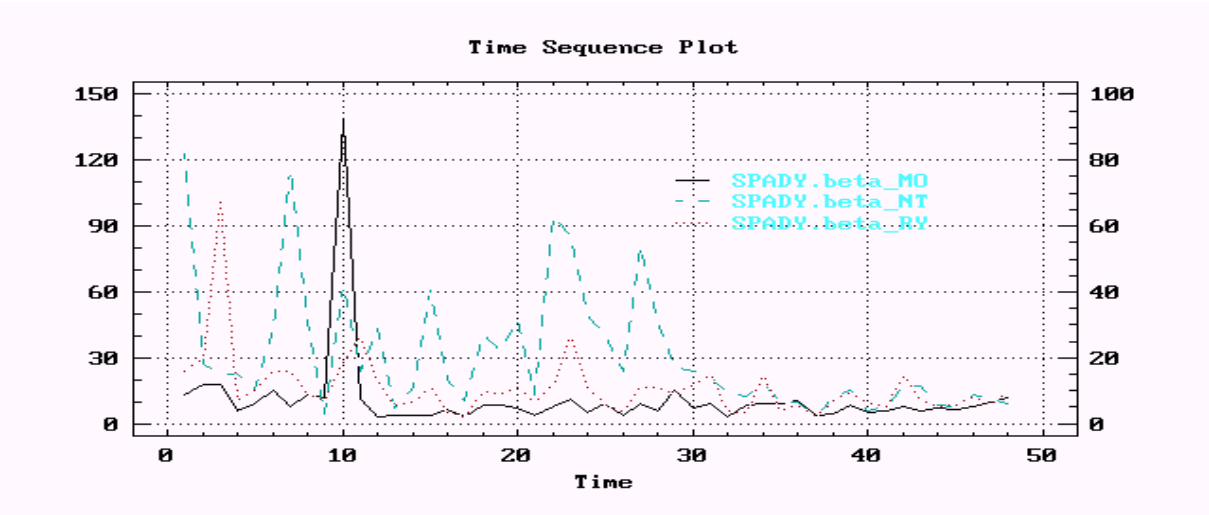
Figures No 3, 4





Figures No 5, 6:





Volume activity in surface, drinking and underground waters and in radiation monitoring bore holes

The activity of all artificial gamma radionuclides is below the MDA level.
We have done some statistic calculations for ^{90}Sr & tritium.

Regarding tritium, investigation levels have been exceeded as follows:
Surface waters:

Location	Period	Investigation level (Bq/l)	Obtained value (Bq/l)
Tlmače Hron	I. quarter	2	5

The same values were obtained for off-taken samples even during repeated analyses.

The monitoring program QA-07-01 also includes radiation monitoring bore holes in the SE-EMO area. Each half year we perform gamma spectrometric evaluation of samples from these bore holes (from the ones containing water) focused on concentrations of ^{90}Sr & tritium. There were realized 17 radiation monitoring bore holes in total. The only exceeding was recorded in the RK-11 bore hole.

Underground waters and radiation monitoring bore holes were not subject to statistic evaluation. The undeground water bore hole HG-1 for the horse-breeding farm disposal is not available anymore and it is not included in the monitoring program QA-07-01 either. The HG-8 bore hole was locked in the quarter IV. as well and present water was taken off.

Regarding energy savings and long-term obtaining of artificial gamma radionuclides results below MDA, some samples were analyzed as mixture samples from several locations. The off-taken samples prepared for partial analyses have been liquidated after these mixture samples having been analyzed.

On the base of the Decision of the Regional Environmental Office in Nitra, we have also performed analyses focused on the gross alpha and gross beta activities in surface waters in 2005. Above mentioned analyses and locations (see the table section) shall be included in our regular monitoring program. Samples dedicated to above mentioned analyses are taken off at two locations (upstream and downstream the outlet hole) once a week; the samples are mixture and evaluated quarterly.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Surface waters – investigation on Strontium

Table: Basic statistic data - three locations - Tlmače-Hron (upstream the outlet hole), Hron – downstream the oultet hole, Kalná-Hron

	Tlmače - Hron	**Hron-downstream the outlet hole**	Kalná - Hron
Variable:			
Sample size	4	4	4
Average	12.25	12.5	11.25
Median	10	12.5	11.5
Mode	8	9	11
Geometric mean	10.7285	11.606	11.1478
Variance	57.5833	28.3333	2.91667
Standard deviation	7.58837	5.32291	1.70783
Standard error	3.79418	2.66145	0.853913
Minimum	6	7	9
Maximum	23	18	13
Range	17	11	4
Lower quartile	7	8	10
Upper quartile	17.5	17	12.5
Interquartile range	10.5	9	2.5
Skewness	1.40572	0	-0.752837
Standardized skewness	1.14777	0	-0.614689
Kurtosis	1.78705	-4.65467	0.342857
Standardized kurtosis	0.729561	-1.90026	0.139971
Coeff. of variation	61.9459	42.5833	15.1807
Sum	49	50	45

Conclusions: The variation coefficient is always lower than 1, i.e. the data distribution could be simulated by a normal curve.

Figure No 1: Box and Whisker plots for the locations Kalná nad Hronom - Hron & Tlmače - Hron (a group of values since 1989). For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm^3)

Figure No 2: Box and Whisker plots for the locations Tlmače - Hron, Nový Tekov - Hron & Kalná nad Hronom - Hron (a group of values – 4 measurements in 2005).

Figure No 3: Quantile chart for the location Tlmače - Hron

Figure No 4: Time sequence for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm^3)

Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: VODPOV05.Kalna_05 Sample 2: VODPOV05.Hatvyp_05 Estimated overall statistic DN = 0.5 Approximate significance level = 0.699374	Kolmogorov-Smirnov Two-Sample Test ---------- Sample 1: VODPOV05.Tlmace_05 Sample 2: VODPOV05.Hatvyp_05 Estimated overall statistic DN = 0.25 Approximate significance level = 0.999633

Figure No 5: Distribution function for the locations Tlmače & Kalná

Conclusions: Kolmogorov-Smirnov Two-Sample Test has confirmed good compliance between the locations.

Friedman analysis of VODYPOV.Tl_Hv_Ka04 by VODYPOV.lokality	Kolmogorov-Smirnov Two-Sample Test
Level Sample Size Average Rank 1 4 1.75000 2 4 2.12500 3 4 2.12500 Test statistic = 0.4 Significance level = 0.818731	Sample 1: VODPOV05.Kalna_05 Sample 2: VODPOV05.Tlmace_05 Estimated overall statistic DN = 0.5 Approximate significance level = 0.699374

Kruskal-Wallis analysis of VODPOV05.Hron_Ka_Tl by VODPOV05.lokalita	Kruskal-Wallis analysis of VODYPOV.Tl_Hv_Ka05 by VODYPOV.lokality
1 68 67.0809 2 68 69.9191 Test statistic = 0.176822 Significance level = 0.674119	Level Sample Size Average Rank 1 4 5.87500 2 4 6.87500 3 4 6.75000 Test statistic = 0.183979 Significance level = 0.912115

Conclusions: all investigated issues have reported sufficient significance level.

Figure No 1

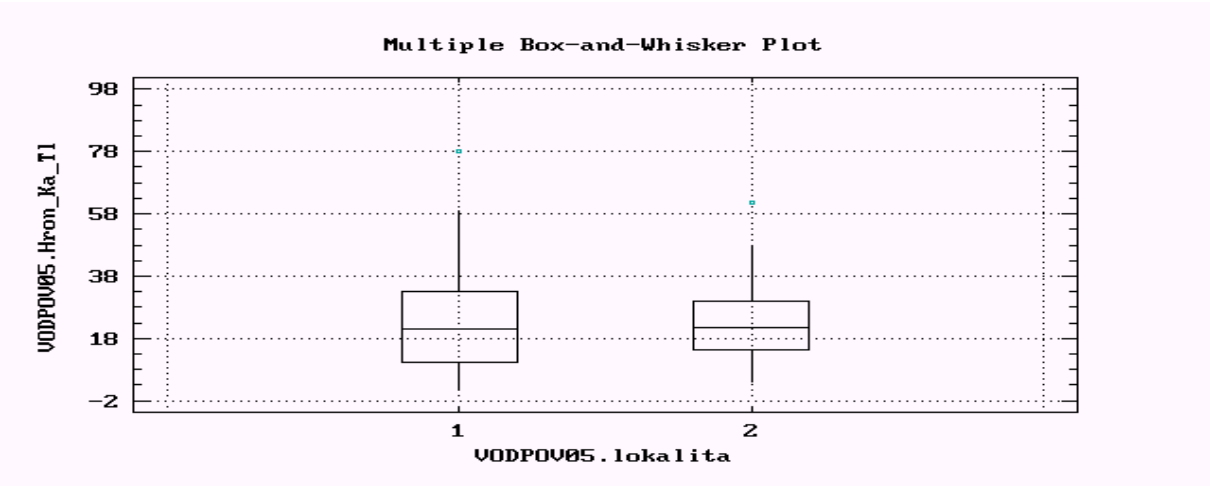
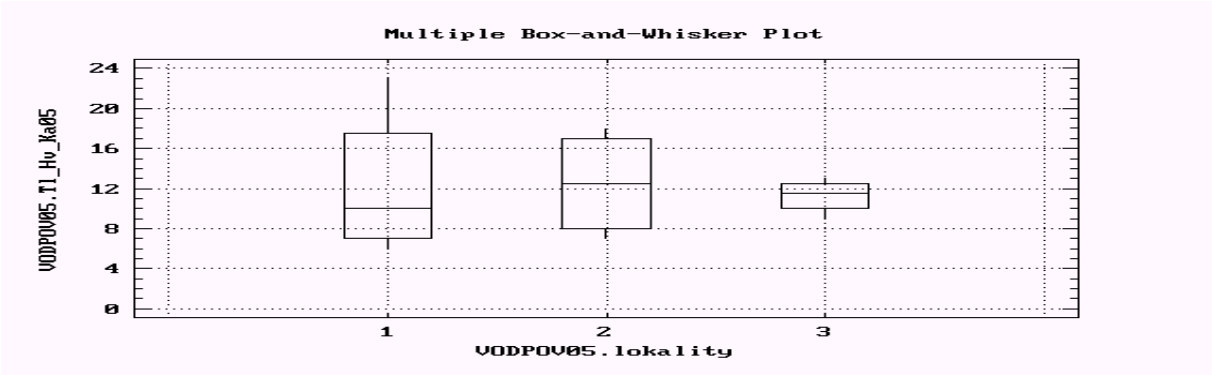


Figure No 2



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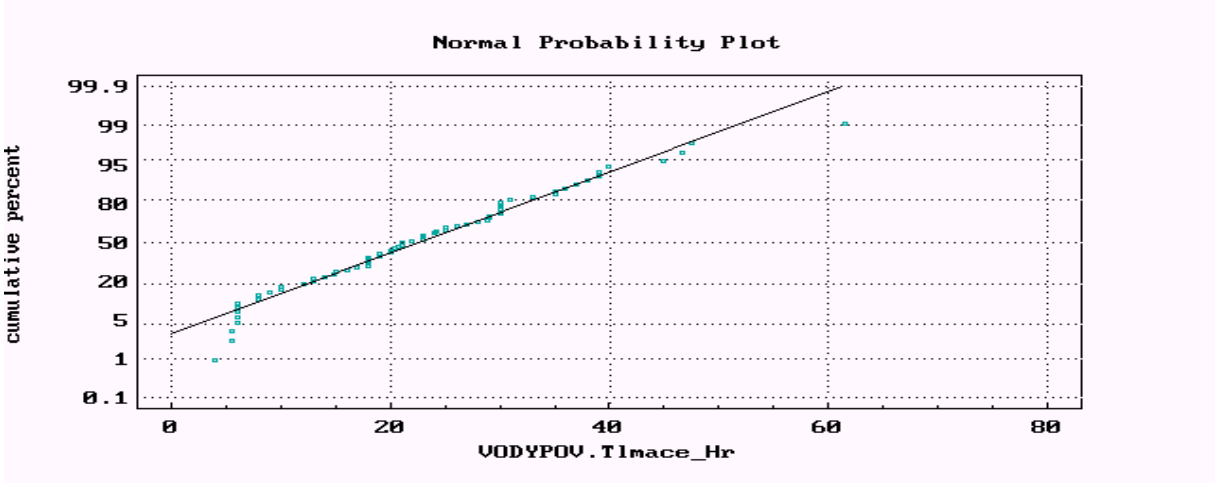

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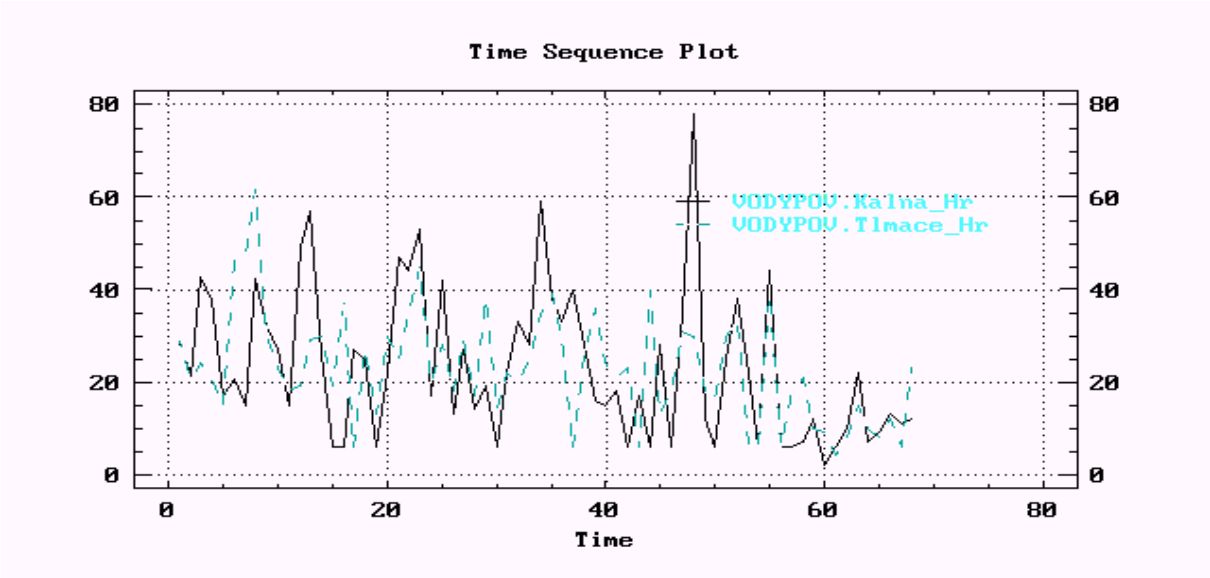
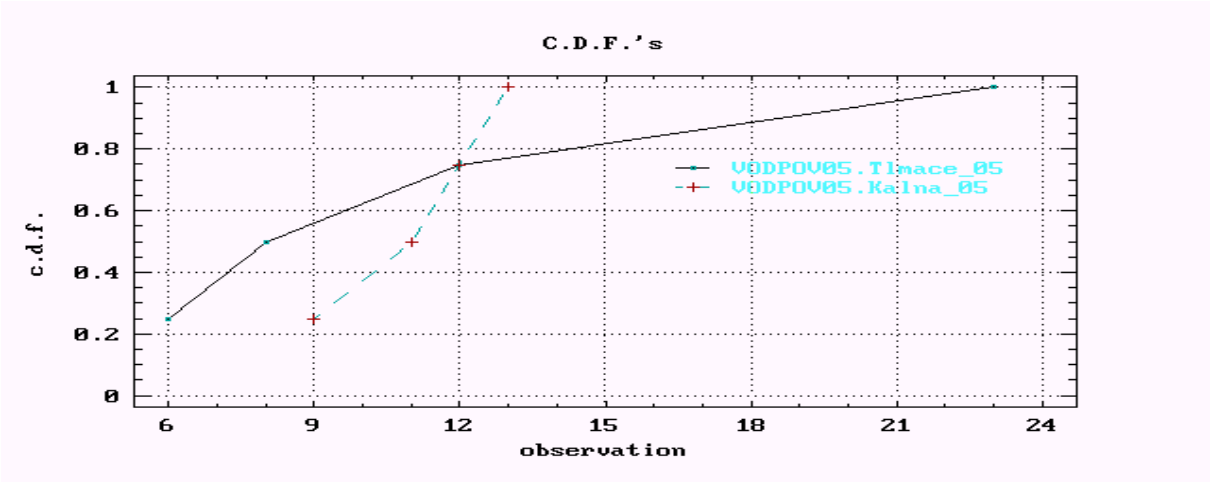


Figure No 5



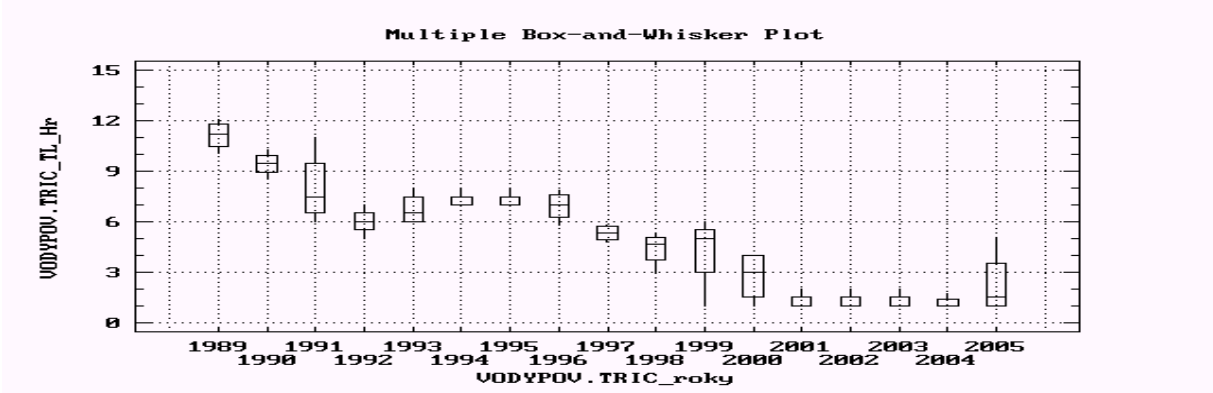
Surface waters – investigation on Tritium

Figures No 1 & 2: Box and Whisker plots for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm^3)

Conclusions: Regarding tritium, there was observed no increase of median (investigated in the summary statistic for 2004) in Tlmače (compared to the Kalná nad Hronom location).

Figure No 3: Time sequence for the locations Tlmače - Hron & Kalná nad Hronom - Hron. For both cases, there were investigated 4 samples a year since 1989; the values lower than MDA were considered as 1/2 MDA (in mBq/dm^3)

Figures No 1, 2



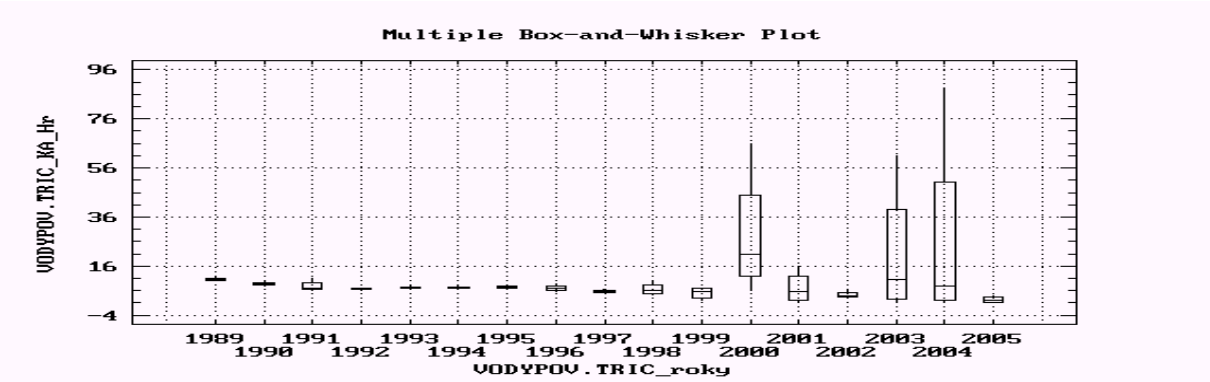
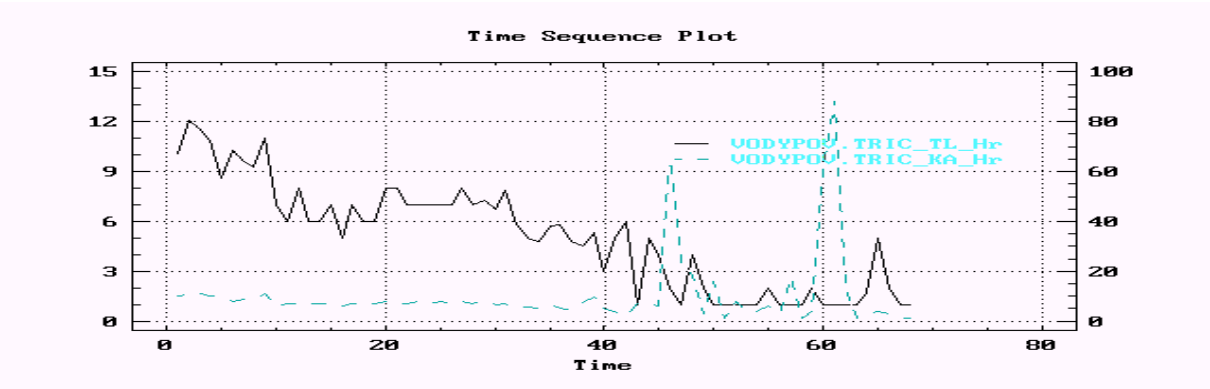


Figure No 3



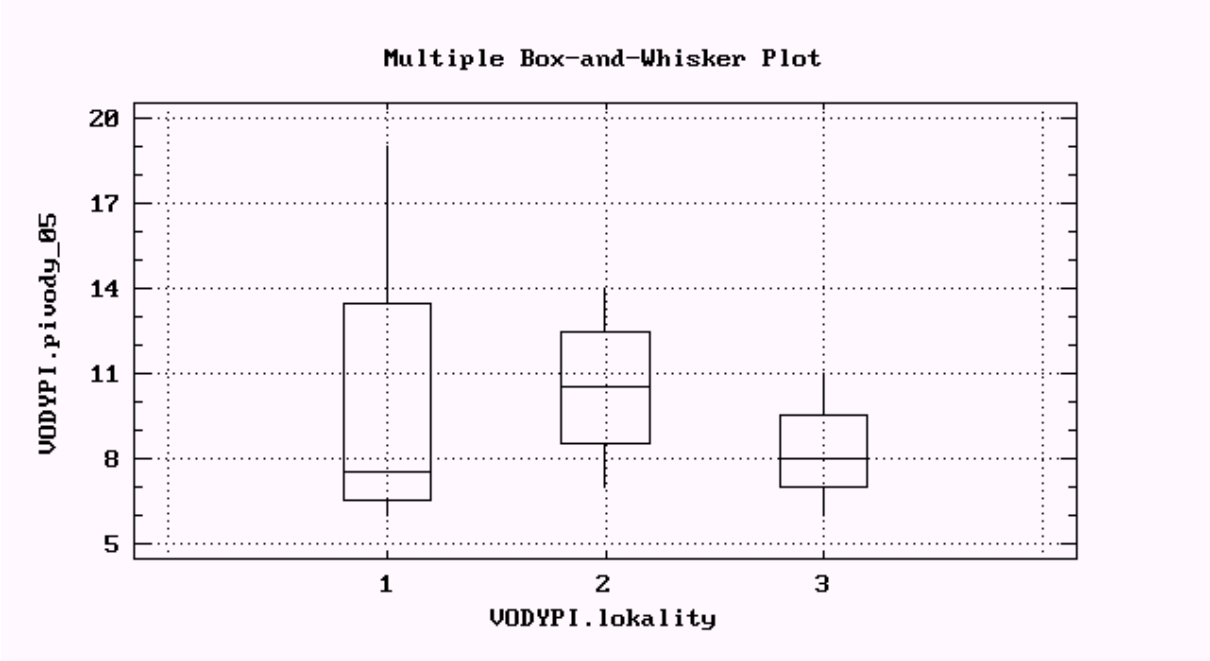
Drinking waters

No investigation level exceeded.

Západoslovenské vodárne a kanalizácie Company continuously shut down the wells marked by „S“-number. We have replaced these sources of driking water by the ones located in neighboring municipalities - M. Kozmálovce, N. Tekov, Starý Tekov & Kalná nad Hronom - Kálnica.

Statistic analysis on strontium was done by Box and Whisker plots only

Figure: Box and Whisker plots – in 2004; locations: Malé Kozmálovce, Starý Tekov, Červený Hrádok,



Specific activity of sediments

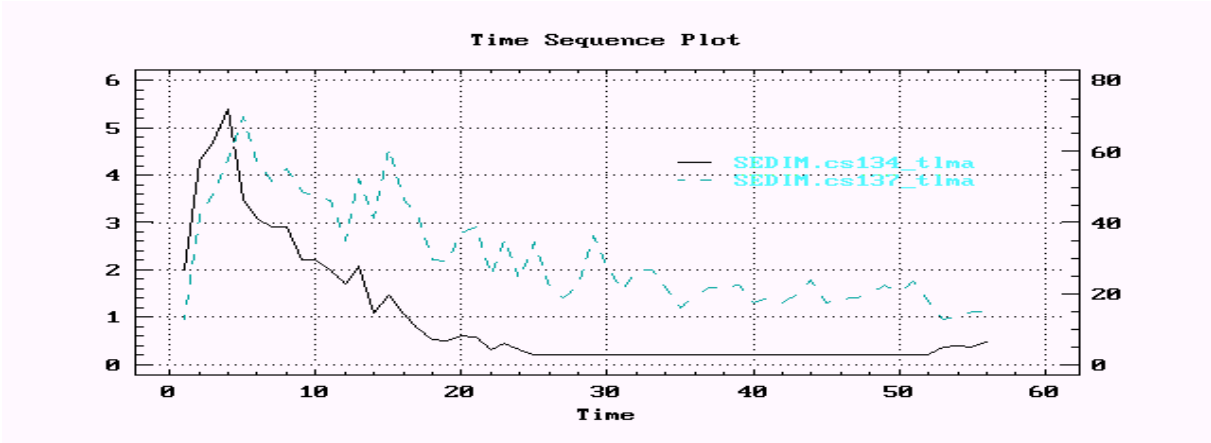
Time sequence plots clearly show the decrease of concentrations of monitored radionuclides during analyses of sediments (since 1992).

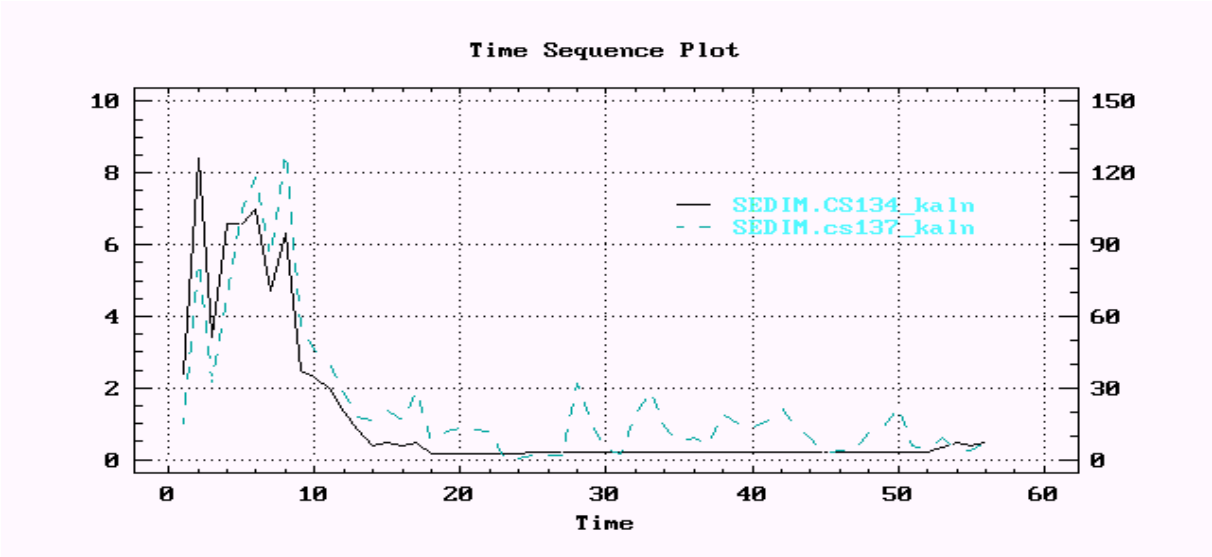
Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period.

Table: *Basic statistic data (2005) – not presented, whereas the investigated file contained too small number of data*

Figures: time sequence of ^{134}Cs & ^{137}Cs at the locations Tlmače -Hron & Kalná -Hron for the monitored period 1992-200); four off-takes a year

Conclusions: The plots clearly show cesium decrease





Volume activity of liquid milk

Liquid milk samples were processed before performing measurements in lyophilisator.
Milk samples were only taken off at the farm in Čifáre until the week 13 – but the farm suddenly stopped the husbandry. Starting with the week 18, we ensured the samples to be taken off at the farm in Tekovský Hrádok (AC Kalná nad Hronom).

In the weeks 36 to 39, the obtained values were slightly higher than the action level of 0.049 Bq/l. Above mentioned action level was calculated for the farm in Čifáre.

Surface activity of snow

There were taken off eight snow samples within the monitored period. All samples were evaluated gamma spectrometrically and three of them were analyzed on tritium and strontium.

Specific activity of samples of agricultural products

No statistically significant deviations were observed during measurements of specific activity.
Analyzed meat samples come from the meat packing plant PM Zbrojníky.
There were included water plants in the report again. We have taken off a sample upstream the outlet hole and another sample at the point close to the outlet hole. Just as in the past years, both samples indicated higher concentration of ^{137}Cs. This fact was particularly obvious at the outlet hole, where we had detected radionuclides ^{58}Co, ^{60}Co, ^{110m}Ag as well

RR RAW monitoring

As usually, there were obtained lower values of average and instantaneous dose rates at RR RAW than at other locations. In terms of the monitoring program QA-07-01 we monitored investigation levels related to the dose rates measured by TLD from the value of 104 nSv/hour to the value of 116 nSv/hour. The investigation level was exceeded of 8 nSv/hour at RR RAW.
The minimum value obtained from RR RAW was 54 nSv/hour and the maximum value was 115 nSv/hour. We have also installed TLD at the TDS location in January and now we evaluate 5 monitoring points in the RR RAW area.

Regarding monitoring points at RR RAW, the investigation levels for measurements in the IC included values from 85 nSv/hour to 90 Sv/hour and they were not exceeded at SDS. The minimum value obtained from RR RAW was 64 nSv/hour and the maximum value was 84 nSv/hour.

The investigation level value related to the gross beta activity in Fallouts was exceeded in the quarter III. The investigation level was as of 20 Bq/m^2, while we have obtained the value of 25.5 Bq/m^2.
Regarding surface and undergroung waters, we were focused on the values of ^{137}Cs lower than MDA.
Partial statistic processing was performed by TL dosimeters (see previous pages). Soils and sediments are specified on the following pages.

Specific activity of sediments – RR RAW

No investigation level exceeded at this location.

Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: *Basic statistic data from the Čifáre fishpond and RAW gutter (2004 & 2005) – in terms of the monitoring program, the number of samples was reduced to 4 samples in 2003.*

Variable:	^{137}Cs – Čiffáre fishpond (2004)	^{137}Cs – Čiffáre fishpond (2005)
Sample size	4	4
Average	29.25	25.625
Median	29.15	24.8
Mode	26.8	23.7
Geometric mean	29.1945	25.5136
Variance	4.35	7.91583
Standard deviation	2.08567	2.81351
Standard error	1.04283	1.40675
Minimum	26.8	23.4
Maximum	31.9	29.5
Range	5.1	6.1
Lower quartile	27.95	23.55
Upper quartile	30.55	27.7
Interquartile range	2.6	4.15
Skewness	0.286576	1.19909
Standardized skewness	0.233988	0.979053
Kurtosis	1.53431	0.528796
Standardized kurtosis	0.62638	0.21588
Coeff. of variation	7.13048	10.9795
Sum	117	102.5

Variable:	^{137}Cs – RR RAW gutter (2004)	^{137}Cs – RR RAW gutter (2005)
Sample size	4	4
Average	18.475	14.8
Median	18.7	14.15
Mode	18.7	13.5
Geometric mean	18.4402	14.7058
Variance	1.66917	3.92667
Standard deviation	1.29196	1.98158
Standard error	0.645981	0.990791
Minimum	16.7	13.3
Maximum	19.8	17.6
Range	3.1	4.3
Lower quartile	17.7	13.4
Upper quartile	19.25	16.2
Interquartile range	1.55	2.8
Skewness	-1.00267	1.40342
Standardized skewness	-0.818673	1.14588
Kurtosis	2.06979	1.5
Standardized kurtosis	0.84499	0.612372
Coeff. of variation	6.99303	13.3891
Sum	73.9	59.2

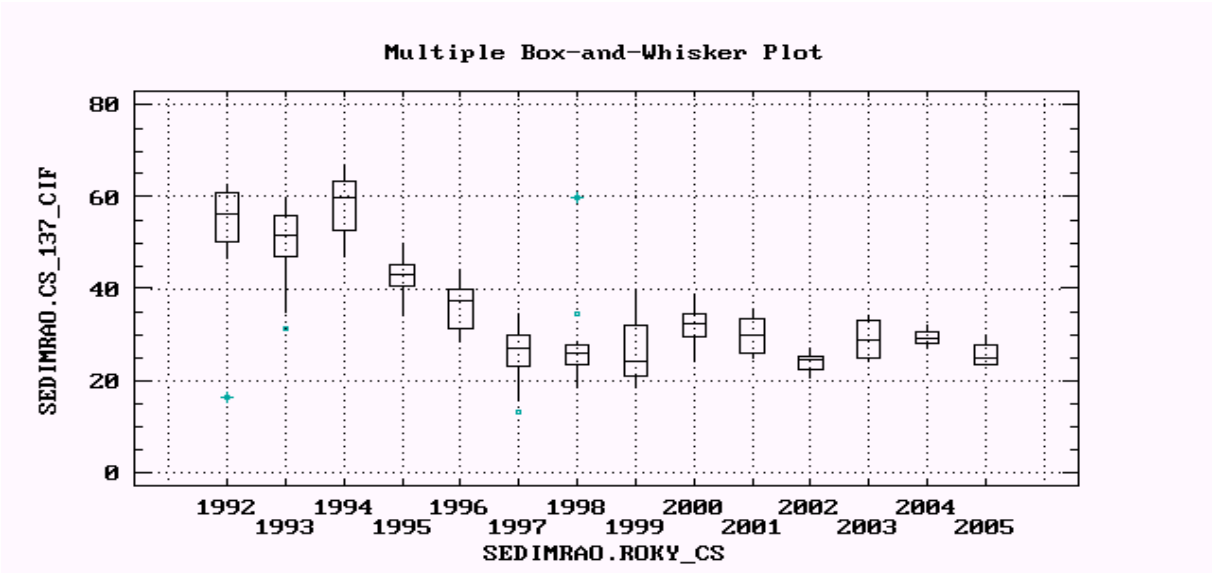
Conclusions: Compared to the last year, continuous decrease of Cesium values only is resulting from the above mentioned tables as well as from following Box and Whisker plots for the RR RAW location – gutter.

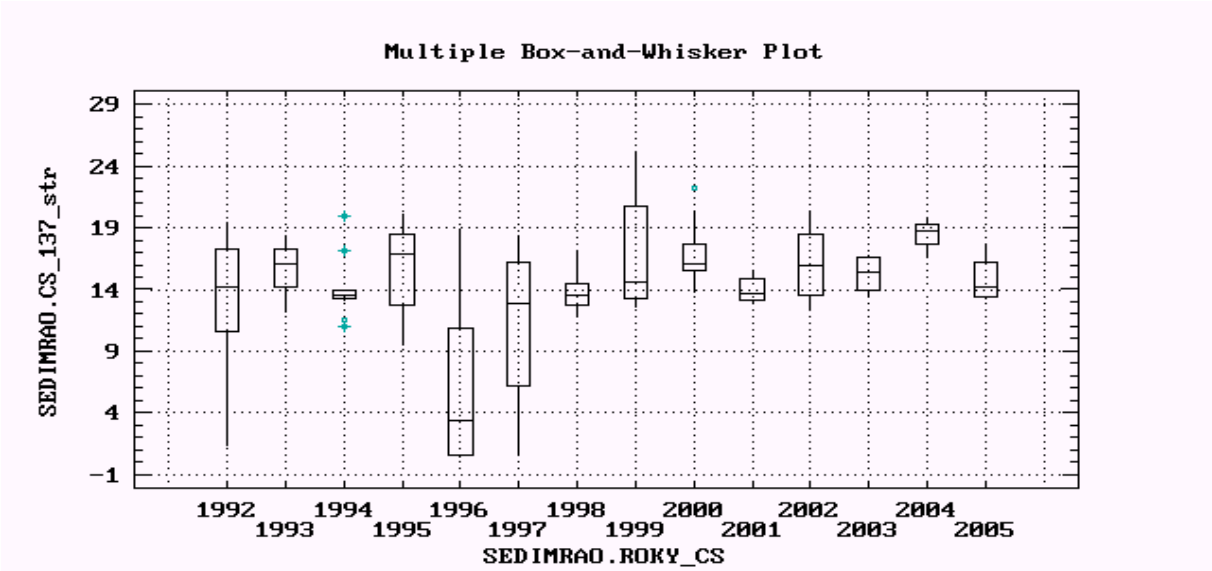
Figures No 1, 2: Box and Whisker plots for ^{137}Cs – Čifáre fishpond (in the monitored years 1992-2005) & ^{137}Cs – RR RAW gutter (in the monitored years 1992-2005). Box and Whisker plots - ^{134}Cs – Čifáre fishpond (in the monitored years 1992-2005) & ^{134}Cs – RR RAW gutter (in the monitored years 1992-2005) were not published, whereas they were similar to those from the previous years – values of these radionuclides came back under MDA.

Figures No 3, 4: time sequence of RR RAW sediments - ^{134}Cs & ^{137}Cs – Čifáre fishpond (in the monitored years 1992-2002 – twelve off-takes a year; since 2003 - four off-takes a year), ^{134}Cs a ^{137}Cs – RR RAW gutter (in the monitored years 1992-2002 – twelve off-takes a year; since 2003 - four off-takes a year)

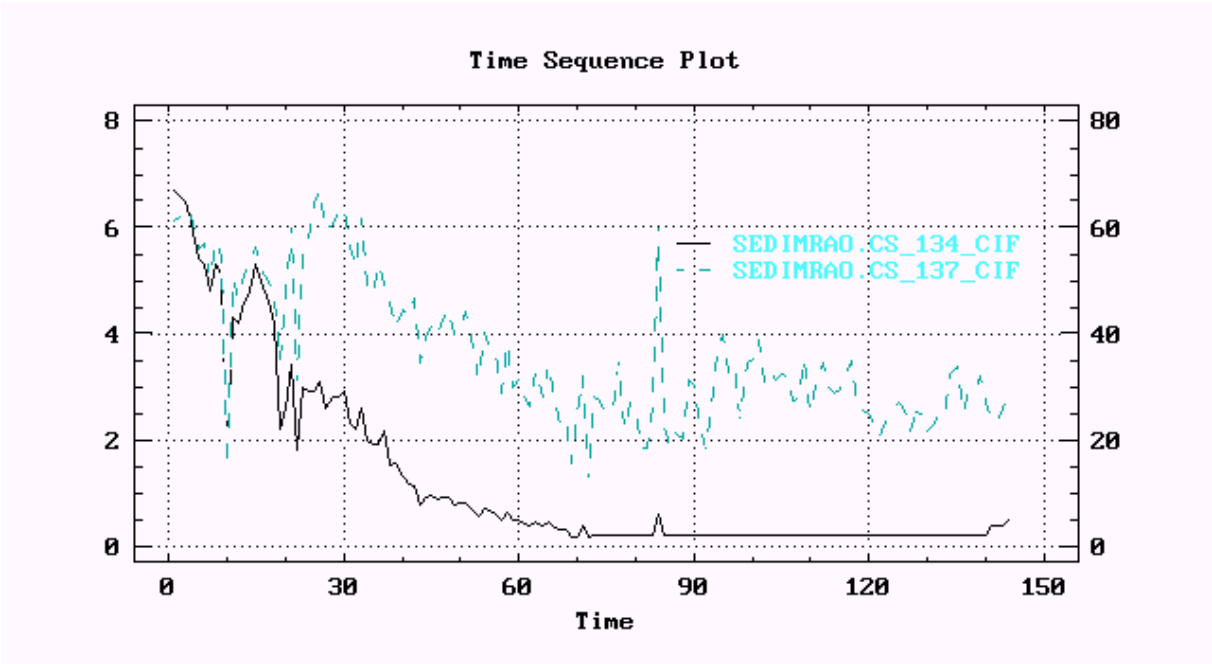
Note: Until 2005, MDA was specified as an average value for all samples. Starting with 2005, MDA has been specified on the base of calculations for each sample.

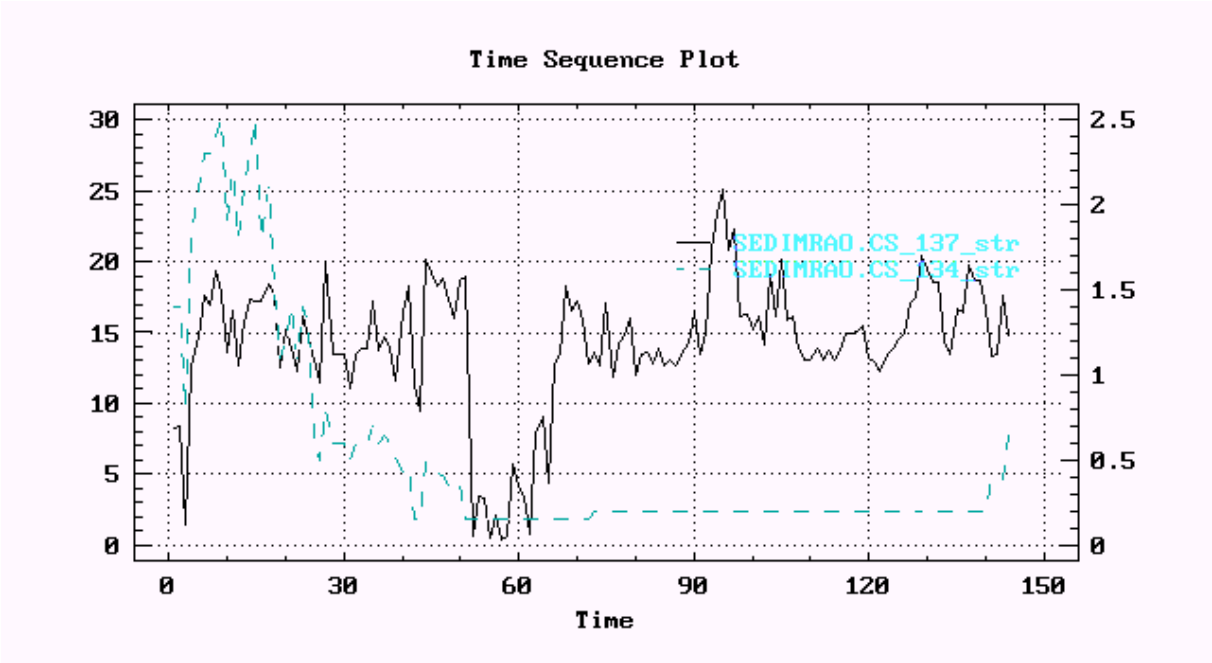
Figures No 1, 2





Figures No 3, 4





Soil specific activity – RR RAW

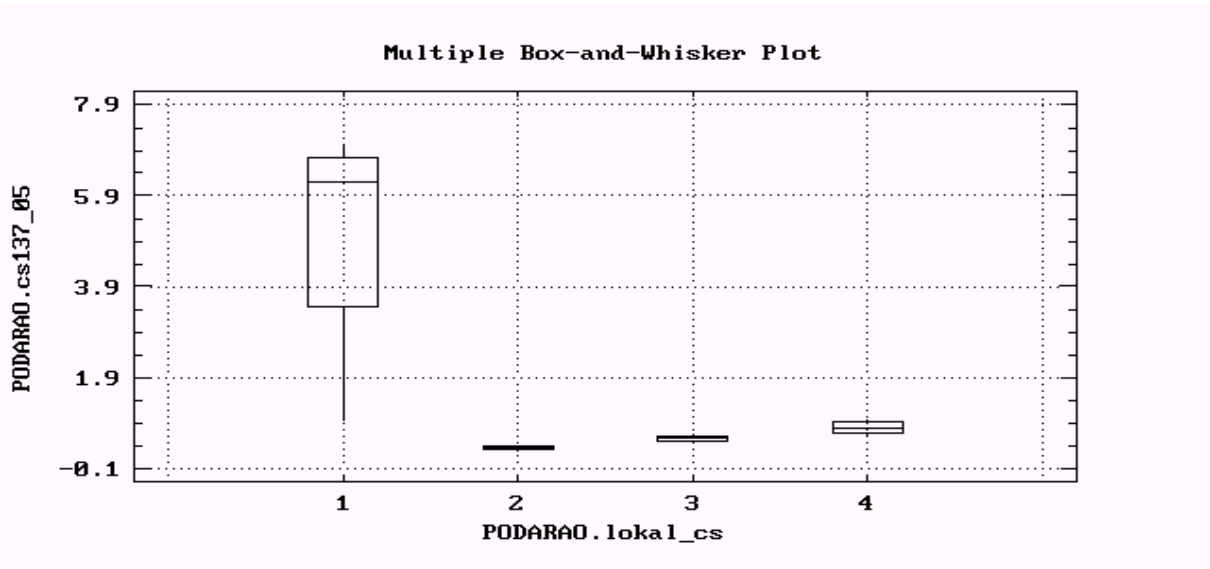
Note: X-axis is called Time at time sequence figures; in fact, it is the number of samples obtained within the monitored period

Table: Basic statistic data (2005) – all four monitoring points were considered as a whole

Variable:	^{137}Cs	^{90}Sr
Sample size	16	4
Average	1.69306	1.75
Median	0.6375	1.8
Mode	0.635	1.7
Geometric mean	0.87027	1.73416
Variance	5.69157	0.07
Standard deviation	2.3857	0.264575
Standard error	0.596425	0.132288
Minimum	0.267	1.4
Maximum	7.01	2
Range	6.743	0.6
Lower quartile	0.4265	1.55
Upper quartile	0.9585	1.95
Interquartile range	0.532	0.4
Skewness	1.76864	-0.863919
Standardized skewness	2.88818	-0.705387
Kurtosis	1.40167	-0.285714
Standardized kurtosis	1.14446	-0.116642
Coeff. of variation	140.91	15.1186
Sum	27.089	7

Conclusions: variation coefficients did not exclude normality of files for strontium

Figure: Box and Whisker plots for ^{137}Cs for all four monitoring points in 2005



Conclusions: samples with the lowest cesium concentrations were obtained from the location No 2 again

Deviations from the monitoring program

Liquid milk is permanently taken off from the only location.

There were realized off-takes of 6 various types of samples dedicated to alpha spectrometric analyses and 6 various types of samples for ^{14}C over the frame of the monitoring program QA- 07-01; the results were published in our report.

Used abbreviations and terms

NPP	: nuclear power plant
IC	: ionization chamber
L&P	: limits & provisions
ERML	: Environmental Radiation Monitoring Laboratory
MDA	: minimum detectable activity – the lowest activity, which can be detected by the given equipment under the given measuring conditions with the probability of 95%
DR	: dose rate
RM	: radiation monitoring
RR RAW	: the Republic Radioactive Waste Repository
TLD	: thermoluminiscent dosimeter
SE - EMO	: Slovenské elektrárne a.s., Atómové elektrárne Mochovce plant
SDS	: stable dosimetry station
NRA SR	: Nuclear Regulatory Authority of the Slovak Republic
FCS	: food chain sample
ENV	: environment
α/δ	: vertical distribution coefficient of artificial radionuclides in soils
	: $\alpha = -(1/1.9)*\ln\{1-(a_{0-2}/a_{0-5})\}$
δ	: specific gravity of dried soil
a_{0-2}	: artificial radionuclide activity in the 1st soil layer (0, 2 cm)
a_{0-5}	: total artificial radionuclide activity in the 1st and 2nd soil layers (0 - 5 cm)

Slovenské elektrárne, a.s., NPP Mochovce

The Report on Monitoring of Radioactivity in the SE – EMO Environment for 2006

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Levice, 28. 02. 2007

Notes to the results achieved in 2006

Monitoring of the SE – EMO environment is purposed on permanent obtaining of the data on SE – EMO environmental radioactivity and thus on ensuring environmental impacts of the operation of Atómové elektrárne Mochovce to be controlled.

This „Report on Monitoring of Radioactivity in the SE – EMO Environment“ is aimed at providing an overview of a complex group of results and data obtained on radioactivity of the NPP Mochovce environment.

There are located 15 stable dosimetric stations around Atómové elektrárne Mochovce and a station in the locality of RR RAW. The stations take off aerosole particles permanently by their absorption in the filter. Moreover, they contain a polyethylene tank for fallout collection (wet and dry together) and there are located cartridges equipped with TL dosimeters at arms installed at the stations. The environmental radiation monitoring covers an area of circa 15 km from the power plant.

This report specifies results of the operation monitoring in the form required by „EMO/2/NA-052.01-02 NPP Mochovce Environment Radiation Monitoring Plan“. This „...Monitoring Plan“ has been continuously prepared during the year and it has replaced the previous „QA-07-01 Program of Radiation Monitoring of the SE-EMO Environment“.

Table: An overview of operation monitoring for 2006.

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2006	Real status in 2006
Ionization chamber	Input dose from γ radiation in the air	15	monthly	180	180
Ionization chamber (Hať V.Kozmálovce)	Input dose from γ radiation in the air	1	annual	1	1
TLD	Input dose from γ radiation in the air	21	monthly	252	252
Aerosols	Gamma	15	weekly	780	757
	Gross beta activity	15	weekly	780	757
	Strontium	1	quarterly	4	4
Fallout SDS	Gamma	15	quarterly	60	60
	Gross beta activity	15	quarterly	60	60
Soils (4x SDS)	Gamma	4	semestrial	8	8
	Strontium	4	annual	4	4
Sediments	Gamma	3	quarterly	12	12
	Strontium	3	annual	3	3
Surface water	Gamma	5	quarterly	20	20
	Strontium, tritium	5	quarterly	20	20
	Gross beta activity	2	quarterly	8	8
	Gross alpha activity	2	quarterly	8	8
drinking water	Gamma	4	quarterly	16	16
	Strontium, tritium	4	quarterly	16	16
Underground water (discharge pipes)	Strontium, tritium	3	semestrial	6	6
	Gamma	3	semestrial	6	6
Drills RK (SE - EMO)	Strontium, tritium	6	semestrial	12	12
	Gamma	6	semestrial	12	12
Components of the food chain	Strontium	16	annual	16	16
	Gamma	16	annual	min. 32	61
Milk	Strontium	1	monthly	12	12
	Gamma	1, 2	weekly	52 - 104	52
Fish	Strontium	-	annual	1	1
	Gamma	-	annual	2 - 4	3
Meat	Strontium	1	annual	1	1
	Gamma	1	annual	1	1
Snow	Strontium, tritium	1	max.3 times per year	3	3

Monitored part of the environment (facility)	Setting (measurement)	Number of off-take (measuring) points	Frequency of analyses (measurements)	Sample off-take (measuring) schedule for 2006	Real status in 2006
	Gamma	1	max. 8	8	4
IN SITU measurements	Gamma	5 localities	annual	5	5
Soils IN SITU	Gamma	5 localities	annual	15	15
	Strontium	4	annual	4	4
Grass IN SITU	Gamma	5 localities	annual	5	5
TLD (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Ionization chamber (RÚ RaO)	Input dose from γ radiation in the air	5	monthly	60	60
Fallout SDS (RÚ RaO)	Gamma	1	quarterly	4	4
	Gross beta activity	1	quarterly	4	4
Underground water (Drillings RÚ RaO)	Gamma	6	quarterly	24	24
	Strontium, tritium	6	quarterly	24	24
Surface water (RÚ RaO)	Strontium, tritium	1	quarterly	4	4
	Gamma	1	quarterly	4	4
Sediments (RÚ RaO)	Strontium	1	annual	1	1
	Gamma	1	quarterly	4	4
Soils (RÚ RaO)	Strontium	4	monthly	4	4
	Gamma	4	semestrial	8	8
Grass (RÚ RaO)	Gamma	4	semestrial	8	8
TLD (FS KRAO)	Input dose from γ radiation in the air	3	monthly	12	12
IK (FS KRAO)	Input dose from γ radiation in the air	1	monthly	4	4
	Alphaspectrometry	-	-	6	6
	Carbon (^{14}C)	-	-	6	6

We monitor the inputs of doses and doses from TLD at locations distant up to 20 km from SE-EMO as well. These so called emergency dosimeters currently cover 50 locations. We have collected and evaluated them three times in 2005. Results from the dosimeters were not included in our report.

A part of our report is focused on statistic processing of the data, which should help us in our better orientation during the data evaluation and verification, indicating the impacts of NPP Mochovce res. during visual checks of tables containing measured data.

All the results presented in the report are marked with „N“ – commonly usable data – in terms of EMO/2/NA-052.01-02. We have marked all the values exceeding the investigating level (3 sigma) with symbol „E“ representing a non-conformance, while the values had been used in the statistic processing. No result was marked with „R“ – rejected.

Statistic processing of results and data analyses were performed through the Microsoft Excel software. Results from this software were inserted in our report.

Radionuclides in the environment, while their behavior investigated at the only off-take point and various time points or at several off-take points at the same time, represent normal res. lognormal distribution.

Statistic processing of results (particularly description statistic – basic statistic data) were performed through the Microsoft Excel software. Results from this software were inserted in our report.

The symmetry can be also checked through a skewness res. kurtosis; these values are presented in the overall statistics by the samples. In the overall statistics, we have presented for example mean, dispersion, median etc. showing the diversion and shape positions. Negative values of the skewness coefficient are typical for an asymmetric distribution skewed to the right (more frequent appearance of higher values). Positive values are typical for the distribution skewed to the left (more frequent appearance of lower values). Kurtosis coefficients compare the distribution with the normal distribution. Negative values indicate flatter distribution, positive values indicate more kurtosis distribution. The mode represents the most frequent value (needs not be always specified).

Through the testing of ANOVA hypothesis we have estimated, under a certain probability, whether the statements on parameters from the group are true or false. During the tests, we have also made large

simplifications, whereas the group of data obtained from one location is very small and its statistic analysis is too complicated.

In accordance with the EMO/2/NA-052.01-02 NPP Mochovce Environment Radiation Monitoring Plan, SE-EMO plant declares through the environmental radiation monitoring radiological impacts of the power plant operation on the environment and on inhabitants. Monitoring activities are aimed at documenting that radiological impacts, i.e. exposure of inhabitants and concentration of radioisotopes from emissions are below the limits presented in the Annex No 3 to the Decree of the government No 345/2006 Coll. on Basic Safety Requirements for Health Protection of Workers and Population from Ionizing Radiation (and L&P laid down by NRA SR) and that the impacts are as low as reasonably achievable – ALARA.

The report regarding the period of 2006 is based on the pre-operation and operation period from the past years. Monitoring results demonstrate that impacts of SE-EMO units 1 and 2 during standard operation in 2006 were close to zero in spite of a high sensitivity of the equipment applied. Tritium and ^{90}Sr values measured in surface waters (the Hron River) comply with the SE-EMO project values and with the legal requirements (the Decree of the government of SR No 296/2005, by which the indicators of permissible pollution level of surface waters are set forth) too. Results from monitoring of the air, soils, agricultural products, from thermoluminiscent dosimeters or ionization chambers did not reveal impacts of SE-EMO operation on the background values of radionuclides in the SE-EMO environment (consisting of terrestrial radionuclides, 2^{38}U, ^{232}Th, ^{40}K, ^{7}Be and antropogenic radionuclides - ^{137}Cs, ^{134}Cs, ^{90}Sr produced during nuclear tests in the air and during the Tchernobyl disaster) either. Traceability of ^{137}Cs according to its source of origin is currently very difficult; moreover, we have also detected a leakage of ^{137}Cs from Spanish metalworks in Algericas in 1998 (it was found in aerosols and in cow milk). The only exception is water plants (see the comment and the table on agricultural products) to be monitored further.

Results from monitoring of the SE-EMO environment in 2006 demonstrate that the radiological impacts of the SE-EMO operation on the environment in 2006 and exposure of inhabitants were not only below the limits specified, but they were practically undetectable. The way of operating the systems of gaseous and liquid emissions treatment and their permitting ensure the emissions maintained ALARA.

In spite of these conclusions, some values exceed the values of investigation levels. Analysis of reasons for increased investigation levels is presented in next sections of this report. For better orientation, there are presented values for investigation levels (3 sigma) and really analyzed (measured) values in next sections. Investigation levels equal to three sigma were calculated in the last two years and they could be affected by off-take conditions (particularly the meteorological ones) of these years significantly.

Dose rate measured by TLD

Doses res. dose rates of gamma radiation in the air in SDS locations are measured by HARSHAW 4500 equipment and TLD cards consisting of: 2x TLD 100 (LiF:Mg,Ti) characterized by low fading and being suitable to a long-term monitoring as for example emergency dosimeters up to 10 Gy, and 2x TLD 200 (CaF_2:Dy) characterized by high fading, higher sensitivity and being suitable for monitoring with duration of circa 1 month. Our report contains results from both types of dosimeters. The results were evaluated in the ambient dose equivalent H*(10).

There are located six other TL dosimeters in the SE-EMO area purposed on measuring the operation and emergency radiation situation.

There are located 5 dosimeters at the RR RAW location. We also started to monitor the LRAW FP regularly since September, namely once a month – three dosimeters.

Basic statistic data – description statistic was performed in the Excel package – Data analysis.

Following tables contain basic statistic data comparing two subsequent years: 2005 & 2006.

Basic statistic data: TLD 100 – stable dosimetry stations

2005		*2006*	
Mean value	85,02	Mean value	84,70
Mean value uncertainty	1,14	Mean value uncertainty	0,96
Median	84	Median	84
Mode	84	Mode	87
Standard deviation	15,32	Standard deviation	12,78
Sample variance	234,77	Sample variance	163,25
Kurtosis	0,35	Kurtosis	0,16
Skewness	0,53	Skewness	0,21
Difference between max and min	86	Difference between max and min	75
Minimum	51	Minimum	51
Maximum	137	Maximum	126
Sum	15304	Sum	15162
Number of measurement	180	Number of measurement	179
Highest value (1)	137	Highest value (1)	126
Lowest value (1)	51	Lowest value (1)	51
Confidence level (95,0%)	2,25	Confidence level (95,0%)	1,88

Basic statistic data: TLD 200 – stable dosimetry stations

2005		*2006*	
Mean value	82,94	Mean value	85,32
Mean value uncertainty	0,73	Mean value uncertainty	0,93
Median	83	Median	86
Mode	77	Mode	89
Standard deviation	9,75	Standard deviation	12,52
Sample variance	95,10	Sample variance	156,73
Kurtosis	-0,21	Kurtosis	-0,64
Skewness	0,24	Skewness	0,01
Difference between max and min	48	Difference between max and min	56
Minimum	60	Minimum	57
Maximum	108	Maximum	113
Sum	14929	Sum	15358,00
Number of measurement	180	Number of measurement	180
Highest value (1)	108	Highest value (1)	113
Lowest value (1)	60	Lowest value (1)	57
Confidence level (95,0%)	1,43	Confidence level (95,0%)	1,84

Basic statistic data: TLD 100 – SE EMO location

Description statistic 2005		*Description statistic 2006*	
Mean value	95,85	Mean value	95,94
Mean value uncertainty	1,94	Mean value uncertainty	1,64
Median	95	Median	94,5
Mode	96	Mode	83
Standard deviation	16,48	Standard deviation	13,89
Sample variance	271,54	Sample variance	192,93
Kurtosis	0,84	Kurtosis	-0,45
Skewness	0,74	Skewness	0,04
Difference between max and min	82	Difference between max and min	63
Minimum	60	Minimum	65
Maximum	142	Maximum	128
Sum	6901	Sum	6908
Number of measurement	72	Number of measurement	72
Highest value (1)	142	Highest value (1)	128
Lowest value (1)	60	Lowest value (1)	65
Confidence level (95,0%)	3,87	Confidence level (95,0%)	3,26

Following table contains basic statistic data (2006) from following locations: Mochovce – NPP location, Nový Tekov – a municipality in the section 6 with prevailing wind streaming, Rybník - a municipality in the section 4.

Basic statistic data: TLD 100 – locations: Mochovce SDS, Nový Tekov SDS, Rybník SDS

	Mochovce SDS	Nový Tekov SDS	Rybník SDS
Mean value	94,5	86,417	86,67
Mean value uncertainty	3,69	2,63	2,82
Median	97	83	86
Mode	99	83	94
Standard deviation	12,79	9,10	9,75
Sample variance	163,55	82,81	95,15
Kurtosis	0,26	-0,90	-0,59
Skewness	-0,84	0,40	0,02
Difference between max and min	42	28	32
Minimum	67	72	71
Maximum	109	100	103
Sum	1134	1037	1040
Number of measurement	12	12	12
Highest value (1)	109	100	103
Lowest value (1)	67	72	71
Confidence level (95,0%)	8,13	5,78	6,20

It is obvious from the above mentioned tables that the statistic deviations were not significant.

In the next part of the analysis, we have compared several locations by the dispersion analysis (ANOVA – Excel's software) in order to find out, whether average values measured at these locations were identical or whether they were very different from those measured in 2005. All populations (locations) are considered as normal ones with identical dispersion. We calculate the dispersion analysis even in the case, when the normality was not confirmed by tests, whereas its conclusions are still close to the truth in assumption that a similar selection size had been used.

Mochovce TLD 200 - 2005 vs. 2006

Factor

Selection	*Count*	*Sum*	*Mean*	*Dispersion*
Column 1	12	1085	90,41667	73,53788
Column 2	12	1096	91,33333	167,697

ANOVA

Variability source	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
Partial selection	5,041667	1	5,041667	0,041799	0,839883	4,300949
All selections	2653,583	22	120,6174			
Total	2658,625	23				

Chyba! Objekty sa nedajú vytvoriť úpravami kódov polí.

Rybník TLD 200 - 2005 vs. 2006

Factor

Selection	*Count*	*Sum*	*Mean*	*Dispersion*
Column 1	12	1047	87,25	50,56818
Column 2	12	1089	90,75	118,2045

ANOVA

Variability source	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
Partial selection	73,5	1	73,5	0,870994	0,360811	4,300949
All selections	1856,5	22	84,38636			
Total	1930	23				

TLD 200 locations: Mochovce-Nový Tekov-Rybník - 2006

Factor

Selection	*Count*	*Sum*	*Mean*	*Dispersion*
Column 1	12	1096	91,33333	167,697
Column 2	12	1013	84,41667	122,8106
Column 3	12	1089	90,75	118,2045

ANOVA

Variability source	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
Partial selection	353,1667	2	176,5833	1,296145	0,287149	3,284918
All selections	4495,833	33	136,2374			
Total	4849	35				

TLD 200 - locations of allocated Emergency Dosimeters in SE-EMO - 2005

Factor

Selection	*Count*	*Sum*	*Mean*	*Dispersion*
Row 1	12	1202	100,1667	109,2424
Row 2	12	1268	105,6667	170,2424
Row 3	12	972	81	127,2727
Row 4	12	1020	85	98,72727
Row 5	12	1054	87,83333	119,4242
Row 6	12	1054	87,83333	135,6061

ANOVA

Variability source	*SS*	*Difference*	*MS*	*F*	*P value*	*F crit*
Partial selection	5457,833	5	1091,567	8,611794	2,53548E-06	2,353809
All selection	8365,667	66	126,7525			
Total	13823,5	71				

Conclusions: We consider the difference in values and investigated locations as important in the case, when F (testing criterion) is higher than the quantile F_{crit} defined for respective degrees of width specified in the column 3 (Difference). Our investigation was made for a significance level α = 0.05. P value is, in fact,

the lowest significance level for rejecting the assumption that average values for the locations are identical. Regarding the values „α < P value“, we have adopted a hypothesis that average values for the locations were identical. Criterion $F > F_{krit.}$ is met in the only case, when dosimeters at the SE – EMO location are compared.

For further orientation, the table section also contains doses and average dose rates for each location.

Dose rate measured by IC

Dose rates of gamma radiation in the air are measured in RSS ionization chamber manufactured by Reuter Stokes Company.

The measurements are performed once a month at the SDS points – 14 devices (with the only exception for the roof of ERML in Levice), while the cooling towers location is monitored too (1 device). We have also started to monitor the LRAW FP location through regular monthly measurements since September (1 device).

Dose rates are presented without deduction of a cosmic radiation contribution and the air pressure value corresponds with the one from the central computer network. Measuring protocols also include the temperature (but not this report). Results were evaluated under the rate of the ambient dose equivalent H*(10).

The cosmic radiation contribution was measured at „the Veľké Kozmálovce dam“ as follows:

Date of measurement	15.08.2006
Place of measurement	Veľké Kozmálovce - Hať
Obtained value [nSv/h]	41 ± 4

Basic statistic data: stable dosimetry stations

2005		*2006*	
Mean value	91,26111111	Mean value	93,68889
Mean value uncertainty	0,594479251	Mean value uncertainty	0,479971
Median	92	Median	94
Mode	89	Mode	91
Standard deviation	7,975776097	Standard deviation	6,439481
Sample variance	63,61300435	Sample variance	41,46691
Kurtosis	0,157345763	Kurtosis	0,364453
Skewness	-0,55740363	Skewness	-0,028156
Difference between max and min	39	Difference between max and min	41
Minimum	68	Minimum	75
Maximum	107	Maximum	116
Sum	16427	Sum	16864
Number of measurement	180	Number of measurement	180
Highest value (1)	107	Highest value (1)	116
Lowest value (1)	68	Lowest value (1)	75
Confidence level (95,0%)	1,173089112	Confidence level (95,0%)	0,947129

Basic statistic data: – locations: Mochovce SDS, Nový Tekov SDS, Rybník SDS

	Mochovce SDS	Nový Tekov SDS	Rybník SDS
Mean value	94,50	98,08	94,17
Mean value uncertainty	1,69	1,23	1,60
Median	95,5	99,5	95
Mode	98	101	95
Standard deviation	5,85	4,25	5,54
Sample variance	34,27	18,08	30,70
Kurtosis	0,65	2,34	5,32
Skewness	-1,04	-1,77	-1,95
Difference between max and m	19	13	22
Minimum	83	88	79
Maximum	102	101	101
Sum	1134	1177	1130
Number of measurement	12	12	12
Highest value (1)	102	101	101
Lowest value (1)	83	88	79
Confidence level (95,0%)	3,72	2,70	3,52

Investigation levels for instantaneous inputs of ambient dose equivalent rate have not been exceeded.

On the base of statistic analyses we can state that median of dose rates from all locations achieved the same level as in 2005. However, values of the instantaneous dose rate depend on the location monitored and on the weather impacts very much.

Field gamma spectrometry

Results regarding radiochemical measurements of soils in the IN SITU locations are presented in the table *Field gamma spectrometry – radiochemical measurements*, section „Soil specific activity".

No investigation level exceeded during field gamma spectrometric measurements.

However, investigation levels have been exceeded during gamma spectrometric measurements of soils in the laboratory as follows:

LOCATION	Investigation level [Bq/kg]	Obtained value [Bq/kg]
Tekovský Hrádok	**23,5 - 1. level**	**30,9**
Tekovský Hrádok	**25,4 - 2. level**	**29,1**

Above mentioned exceedings were possibly related to the changed location of Tekovský Hrádok.

Results obtained from the SE-EMO area clearly show that there were performed ground works there and that soil was transported from another location.

Dose rates presented in this section were converted onto kerma in the air; the only exception was applied to the measurements of dose rates in the IC – specified as the ambient dose equivalent rate.

All locations subject to the field gamma spectrometry have been already changed due to impacts of human activities and the locations have been moved of certain distances from the original ones res. a whole location has been changed. The most typical Vráble location was moved of circa 100 m in the second half of 1997.

Soil specific activity

There was used a unified soil sampling layer depth of 0-5 cm in the analysis.
We made no separate investigation of the locations, whereas soils taken off the locations were measured twice a year only; in the case of radiochemical analyses, soils of respective location are analyzed once a year only.
Regarding gamma spectrometry, this year we have not recorded the investigation level having been exceeded.

Basic statistic data: ^{137}CS – all locations considered as a whole (2006)

Description statistic 2006	
Mean value	10,125
Mean value uncertainty	1,21
Median	10,6
Mode	#N/D
Standard deviation	3,42
Sample variance	11,67
Kurtosis	-0,57
Skewness	-0,87
Difference between max and m	9,18
Minimum	4,62
Maximum	13,8
Sum	81
Number of measurement	8
Highest value (1)	13,8
Lowest value (1)	4,62
Confidence level (95,0%)	2,86

Aerosol activity

Aerosols are taken off from all 15 SDS allocated around SE EMO (RR RAW SDS is not equipped with the off-taking device). Aerosols are taken off via flushing equipment VOPV 200-05 installed in SDS with the temperature of inner space controlled.

The overflow of flushing equipment is set on 60 m^3/hour with an exception for SDS SE-Mochovce with the overflow set on 80 m^3/hour. The filter exposition time is as of 1 week. Some locations have suffered from a broken continuous flushing equipment – SDS in ERML, Mochovce, Veľký Ďur, Nemčiňany, Nový Tekov.

The activity of monitored antropogenic radionuclides was lower than MDA (^{137}Cs over MDA was analyzed at some filters), while we had recorded ^{137}Cs activity exceeding the investigation level at following stations (there is specified the investigation level value in μBq/m^3 under each location):

	Veľký Ďúr 2,73	Nemčiňany 2,76	Kozárovce 2,83	Zlaté Moravce 3,12
19 week	**3,64**	**4,39**	**--**	**3,91**
25 week	**--**	**--**	**2,93**	**--**

Investigation levels for the gross weekly beta activity have been exceeded at following SDS (there is specified the investigation level value in μBq/m^3 under each location):

	ERML 881	Levice 878	Kalná n.Hr. 978	Mochovce 943	Čifáre 840	V.Ďúr 859	Vráble 779	Tajná 807	Č.Hrádok 972	Nemčiňany 630	M.Kozmálovce 819	N.Tekov 864	Kozárovce 926	Z.Moravce 920	Rybník 859
4 week	--	--	--	--	932	914	955	820	1104	651	871	910	--	975	--
5 week	1002	--	--	--	949	990	824	941	1125	715	913	917	981	--	--
39 week	--	--	--	--	--	--	--	--	--	695	--	--	--	--	--
40 week	1037	979	--	973	961	1062	868	955	1137	1060	976	918	1125	1018	1079
42 week	--	--	--	--	--	--	--	--	--	637	--	--	--	--	--
47 week	--	--	--	--	--	--	--	--	--	783	--	865	--	--	--
48 week	--	--	--	--	--	--	--	--	--	651	--	--	--	--	--
49 week	1049	1157	1019	982	1013	967	917	973	1197	1115	919	901	1035	1009	1041
50 week	*	--	--	--	--	--	--	--	--	--	--	--	--	--	--
51 week	*	--	--	--	--	--	--	--	--	675	--	--	--	--	--

Within the given period, we have made a comparison with gamma spectrometric measurements at the locations specified. The measurements did not prove any elevation. The values monitored (in some cases the elevation exceeded 5 sigma) were perhaps affected by increased dustiness absorbed by the filter.

We have also recorded an elevation higher than 5 sigma at the SDS Nemčiňany – this SDS was probably suffering from long-term partial air induction beyond the filter surface res. the induction track behind the filter was too untight (thus the 3 and 5 sigma values were lower than those from other SDS). This defect was retrieved by repairing the flushing equipment, its calibration for the overflow required and by resealing of all joints at the induction side.

Similarly to the procedure applied for TLD, we have chosen three SDS for statistic comparison focused on the gross beta activity: Mochovce, Nový Tekov & Rybník.

Basic statistic data:

	SDS Mochovce	*SDS N. Tekov*	*SDS Rybník*
Mean value	396,02	419,75	408,73
Mean value uncertainty	30,78	31,30	29,38
Median	332	369	342
Mode	302	#N/D	#N/D
Standard deviation	219,79	223,50	211,87
Sample variance	48309,14	49950,19	44889,97
Kurtosis	0,47	0,11	1,71
Skewness	1,01	0,95	1,21
Difference between max and m	879	804	953
Minimum	103	114	126
Maximum	982	918	1079
Sum	20197	21407	21254
Number of measurement	51	51	52
Highest value (1)	982	918	1079
Lowest value (1)	103	114	126
Confidence level (95,0%)	61,82	62,86	58,99

Fallout activity

Fallouts are taken off from 16 stable dosimetry station locations allocated around SE EMO. They are absorbed by 10 dm^3 PE tank at the water surface through a stack hole with the diameter of 196 mm (206 mm for Vráble). Samples are taken off quarterly.

The activity of ^{137}Cs radionuclide was always lower than MDA.

The basic statistic of 2006 for each location was not performed; the number of measurements was very low.

During gamma spectrometric measurements, the investigation levels for ^{137}Cs were exceeded as follows:

LOCATION	Investigation level [Bq/m2]	Quarter IV [Bq/m2]
Malé Kozmálovce	**1,40**	**1,43**

The investigation levels for the gross beta activity were exceeded as follows:

LOCATION	Investigation level [Bq/m2]	Quarter II [Bq/m2]	Quarter III [Bq/m2]	Quarter IV [Bq/m2]
LRKO	**14**	**20,1**	*	*
Levice	**16**	**21,0**	*	*
Kalná n/Hronom	**24**	**26,6**	*	**39,4**
Mochovce	**14**	**27,6**	*	*
Čifáre	**14**	**21,3**	*	*
Veľký Ďur	**14**	**25,9**	*	*
Malé Kozmálovce	**25**	**33,0**	*	*
Nový Tekov	**16**	**21,5**	*	*
Kozárovce	**19**	**22,2**	**23,0**	*
Zlaté Moravce	**14**	**14,6**	*	*
Rybník	**16**	**26,6**	*	*

In the given period, the results for above mentioned locations have been compared to the gamma spectrometric measurements with no elevation confirmed. The monitored values have been affected by the increased weight of fallouts

Volume activity in surface, drinking and underground waters and in radiation monitoring bore holes

Water samples are taken off by the off-take tank. In regard of underground waters and radiation monitoring bore holes, we use a pneumatic sampler. Water from bore holes (underground waters) of the RR RAW area is taken off by employees of JAVYS a.s. through the transportation tanks prepared by us.

Regarding energy savings and long-term obtaining of artificial gamma radionuclides results below MDA, some samples were analyzed as mixture samples from several locations. The off-taken samples prepared for partial analyses have been liquidated after these mixture samples having been analyzed.

The activity of all artificial gamma radionuclides is below the MDA level.

Surface waters

On the base of the Decision of the Regional Environmental Office in Nitra, we have also performed analyses focused on the gross alpha and gross beta activities in surface waters in 2006. Above mentioned analyses and locations (see the table section) have been already included in our regular monitoring program. Samples dedicated to above mentioned analyses are taken off at two locations (upstream and downstream the outlet hole) once a week; the samples are mixture and evaluated quarterly.

Regarding tritium, the investigation levels in surface waters have been exceeded as follows:

Location	Investigation level [mBq/l]	Quarter II [mBq/l]
Mochovce /Telinský potok/	**3,0**	**3,1**

The increased value was not either confirmed by comparing to other analyzing methods (gamma spectrometry, strontium) during subsequent quarters.

We have made statistic processing of surface waters for ^{90}Sr.

Basic statistic data: ^{90}*Sr – three locations - Tlmače - Hron (upstream the outlet hole), Hron – downstream the outlet hole, Kalná n/Hronom - Hron*

	Tlmače (Hron)	*V. Koználovce (Hron - downstream the outlet hole)*	*Kalná n/Hronom (Hron)*
Mean value	9,5	12,25	12,75
Mean value error	2,25	2,63	2,25
Median	9,5	10	11,5
Mode	#NOT AVAILABLE	9	#NOT AVAILABLE
Standard deviation	4,51	5,25	4,50
Sample variance	20,33	27,58	20,25
Kurtosis	1,26	3,29	0,98
Skewness	0,00	1,82	1,25
Range max-min	11	11	10
Minimum	4	9	9
Maximum	15	20	19
Sum	38	49	51
Count	4	4	4
Largest (1)	15	20	19
Smallest (1)	4	9	9
Confidence level (95,0%)	7,18	8,36	7,16

Drinking waters

We have not registered any exceeding of investigation levels.
Water wells marked with „S"-number have been gradually shut down by the company Západoslovenské vodárne a kanalizácie (West Slovak Water and Sewage Works). We found a replacement for these drinking water sources in adjacent towns - M. Kozmálovce, N. Tekov, Starý Tekov & Kalná nad Hronom - Kálnica.

Underground waters (waste piping Mochovce-Hron)

We have not statistically evaluated underground waters and radiation monitoring bore holes. The underground waters bore hole HG-1 is no more accessible due to the liquidation of a horse-breeding farm and it is also not included in the monitoring plan EMO/2/NA-052.01-02. The bore hole HG-8 is locked behind a fence, water has not been removed from it and it was released from the monitoring plan.

Underground waters (radiation monitoring bore holes-SE EMO location)

In Radiation Monitoring Plan for the environment of NPP Mochovce there are also listed radiation monitoring (RM) bore holes in the SE-EMO area. Every six months we evaluate samples from these bore holes (from every bore hole containing water) by gamma-spectrometry and for ^{90}Sr and tritium concentrations.

Specific activity of sediments

We collect sedimentary deposits from the Hron River once a quarter year from three locations. In observing sediments analyses there is gradual decrease in concentrations of monitored radionuclides.

Basic statistic data (comparison of years 2006 and 2005): ^{137}Cs *– locations – Tlmače Hron, N. Tekov – Hron (power plant), Kalná nad Hronom - Hron*

	2006	*2005*
Mean value	19,2	14,05
Mean value error	2,47	0,56
Median	20,05	14,2
Mode	#NOT AVAILABLE	15
Standard deviation	4,94	1,12
Sample variance	24,38	1,26
Kurtosis	-2,62	-4,63
Skewness	-0,56	-0,24
Range max-min	10,5	2,2
Minimum	13,1	12,8
Maximum	23,6	15
Sum	76,8	56,2
Count	4	4
Largest (1)	23,6	15
Smallest (1)	13,1	12,8
Confidence level (95,0%)	7,86	1,79

	2006	2005
Mean value	7,0725	6,0725
Mean value error	0,67	1,35
Median	6,915	5,765
Mode	#NOT AVAILABLE	#NOT AVAILABLE
Standard deviation	1,34	2,70
Sample variance	1,79	7,28
Kurtosis	1,65	-2,69
Skewness	0,69	0,42
Range max-min	3,24	5,9
Minimum	5,61	3,43
Maximum	8,85	9,33
Sum	28,29	24,29
Count	4	4
Largest (1)	8,85	9,33
Smallest (1)	5,61	3,43
Confidence level (95,0%)	2,13	4,29

Volume activity of liquid milk

Off-takes of milk samples are provided by cooperative farm Kalná nad Hronom /Tekovský Hrádok farm/. We prepared weekly mixture sample from daily sample off-take for gamma-spectrometry analysis. For ^{90}Sr analysis we prepared monthly mixture sample from weekly milk sample off-take.
Liquid milk samples have been processed before performing measurements in lyophilisator.
Obtained results display no significant statistic deviations.

Surface activity of snow

Snow is taken off into the off-take tank with the size of 1 m^2, which is placed on the roof of ERML. After the snow had melted at the room temperature we proceeded in the same way as in waters processing and measuring for individual analyses.
Within the monitored period we have taken off four snow samples. We evaluated all samples by gamma-spectrometry and in three snow samples we evaluated tritium and strontium.

Specific activity of samples of agricultural products

There have been observed no statistically significant deviations in measuring the specific activity.

In gamma-spectrometry measurements - ^{137}Cs, we registered two clover samples above the investigation level:

Location	Investigation level [Bq/kg]	Quarter IV [Bq/kg]
Kozárovce	**1,20**	**1,57**
Starý Tekov	**1,20**	**1,30**

Agricultural products have no fixed sampling location. Exceeding is related to the calculated investigation level from other locations.

There were included water plants in the report again. According to the plan we had to take off two samples – upstream the outlet hole and at the point close to the outlet hole. We have also taken off another sample downstream the outlet hole to confirm (not to confirm) the impact of liquid emissions. And ^{60}Co was detected just in this sample. In the last year we detected radionuclides ^{58}Co & ^{110m}Ag as well.

RR RAW monitoring

Average and instantaneous dose rates in the RR RAW show usually lower values than those from other locations. According to the Radiation monitoring plan for the environment of NPP Mochovce, we also monitored examination levels for dose rates measured by TLD and ionization chamber. Investigation levels have not been exceeded.

Basic statistic data: TLD 200 – location RR RAW

2005		*2006*	
Mean value	80,52	Mean value	83,12
Mean value error	0,98	Mean value error	1,38
Median	80	Median	83,5
Mode	80	Mode	93
Standard deviation	7,55	Standard deviation	10,70
Sample variance	57,07	Sample variance	114,48
Kurtosis	1,03	Kurtosis	-0,26
Skewness	-0,44	Skewness	-0,27
Range max-min	40	Range max-min	49
Minimum	55	Minimum	57
Maximum	95	Maximum	106
Sum	4831	Sum	4987
Count	60	Count	60
Largest (1)	95	Largest (1)	106
Smallest (1)	55	Smallest (1)	57
Confidence level (95,0%)	1,95	Confidence level (95,0%)	2,76

Basic statistic data: ionization chamber – location RR RAW

2005		*2006*	
Mean value	80,52	Mean value	74,43
Mean value error	0,98	Mean value error	0,84
Median	80	Median	73,5
Mode	80	Mode	66
Standard deviation	7,55	Standard deviation	6,50
Sample variance	57,07	Sample variance	42,22
Kurtosis	1,03	Kurtosis	-0,32
Skewness	-0,44	Skewness	0,54
Range max-min	40	Range max-min	28
Minimum	55	Minimum	64
Maximum	95	Maximum	92
Sum	4831	Sum	4466
Count	60	Count	60
Largest (1)	95	Largest (1)	92
Smallest (1)	55	Smallest (1)	64
Confidence level (95,0%)	1,95	Confidence level (95,0%)	1,68

Surface and underground waters

In surface and underground waters the measured ^{137}Cs value was lower than MDA.

Underground waters – bore holes of RR RAW; we have registered following exceedings of investigation levels for ^{3}H:

Location	Investigation level [Bq/l]	Quarter IV [Bq/l]
SRK - 3	**3,0**	**6,4**
SRK - 2A	**3,0**	**5,0**
MON - 3A	**3,0**	**6,0**
MON - 3B	**2,0**	**5,1**

We shall pay particular attention to these values in the following quarter, if they approach the value 10 Bq/l.

Specific activity of sediments - RR RAW

At the location of pond of Čiháre we have registered no exceedings of investigation levels.

Basic statistic data: ^{137}Cs - sedimentary deposits in a pond of Čiháre (2006 & 2005)

Mean value	26,05	25,63
Mean value error	1,84	1,41
Median	26,6	24,8
Mode	#NOT AVAILABLE	#NOT AVAILABLE
Standard deviation	3,68	2,81
Sample variance	13,54	7,92
Kurtosis	-1,61	0,53
Skewness	-0,61	1,20
Range max-min	8,2	6,1
Minimum	21,4	23,4
Maximum	29,6	29,5
Sum	104,2	102,5
Count	4	4
Largest (1)	29,6	29,5
Smallest (1)	21,4	23,4
Confidence level (95,0%)	5,85	4,48

Soil specific activity – RR RAW

Basic statistic data for ^{137}Cs & ^{90}Sr – all four monitoring points are considered as a whole

Chyba! Objekty sa nedajú vytvoriť úpravami kódov polí.

Deviations from the monitoring program

No deviations from the monitoring plan have been registered.

Used abbreviations and terms

NPP	:	nuclear power plant
LRAW FP	:	liquid radioactive waste final processing
IC	:	ionization chamber
L&P	:	limits and provisions
ERML	:	Environmental radiation monitoring laboratory
MDA	:	minimum detectable activity – the lowest activity, which can be detected by the given equipment under the given measuring conditions with the probability of 95%
ER	:	dose rate
RM	:	radiation monitoring
RR RAW	:	republic radioactive waste repository
SDS	:	stable dosimetry station
SE - EMO	:	Slovenské elektrárne a.s., Atómové elektrárne Mochovce plant
TLD	:	thermoluminiscent dosimeter
NRA SR		Nuclear regulatory authority of SR
FCS		food chain sample
ENV		environment
α/δ	:	vertical distribution coefficient of artificial radionuclides in soils $\alpha = -(1/1{,}9)*\ln\{1-(a_{0-2}/a_{0-5})\}$
δ	:	Specific gravity of dried soil
a_{0-2}	:	activity of artificial radionuclide in the 1st soil layer (0-2 cm)
a_{0-5}	:	total activity of artificial radionuclide in the 1st and 2nd soil layers (0-5 cm)

MDA
(priemerné hodnoty)
Gamaspektrometria

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
^{22}Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
^{51}Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
^{54}Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
^{57}Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
^{58}Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
^{59}Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
^{60}Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
^{65}Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
^{85}Kr	1610	420	140	148	1760	17,9	106	83,6
^{85}Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
^{88}Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
^{95}Nb	6,74	1,99	0,868	0,805	6,85	0,08	1,44	0,602
^{95}Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
^{99}Mo	437	132	65,2	54,3	662	5,46	88,2	57,9
^{103}Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
^{109}Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M}Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
^{113}Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
^{124}I	195	52,9	13,7	13,9	232	1,43	50,6	38,1
^{125}Sb	10,40	3,25	1,34	1,36	10,9	0,172	1,53	0,908
^{126}I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
^{131}I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
^{132}Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
^{133}Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
^{133}Xe	398	101	55,6	54,1	434	3,37	41,4	33,2
^{136}Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
^{140}Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
^{140}La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
^{141}Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
^{144}Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
^{152}Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
^{203}Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
^{226}Ra	117	32,1	13,8	14,7	123	1,24	7,66	6,21
^{239}Np	3740	1390	785	794	3980	35,7	1560	1070
^{241}Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
^{7}Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

MDA
Rádiochémia

^{3}H					1,000		1,00	1,00
^{90}Sr			0,5	0,5	0,004	0,004	0,03	0,03
celk. beta	40	1,0			0,004			
celk. alfa					0,004			

Table 1 MDA, 2005

MDA
(priemerné hodnoty)
Gamaspektrometria

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
^{22}Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
^{51}Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
^{54}Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
^{57}Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
^{58}Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
^{59}Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
^{60}Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
^{65}Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
^{85}Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
^{88}Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
^{95}Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
^{95}Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
^{103}Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
^{109}Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M}Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
^{113}Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
^{125}Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
^{126}I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
^{131}I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
^{132}Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
^{133}Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
^{134}Cs	4,02	1,45	0,671	0,658	6,38	0,0665	0,391	0,328
^{136}Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
^{140}Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
^{140}La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
^{141}Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
^{144}Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,44
^{152}Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
^{203}Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
^{241}Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
^{7}Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

MDA
Rádiochémia

Rádionuklid	Filter	Spady	Pôda	Sediment	Voda	Tekuté mlieko	VzPhV krmivo	VzPhV surová
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
^{3}H					1,000			
^{90}Sr			0,5	0,5	0,004	0,004	0,03	0,03
celk. beta	40	1,0			0,004			

Table 2 MDA, 2006

MDA
(priemerné hodnoty)
Gamaspektrometria

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Tekuté mlieko	VzPhV sušená	VzPhV surová
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
^{22}Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
^{51}Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
^{54}Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
^{57}Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
^{58}Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
^{59}Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
^{60}Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
^{65}Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
^{85}Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
^{88}Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
^{95}Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
^{95}Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
^{103}Ru	6,45	1,94	0,725	0,705	7,29	0,0770	1,23	0,560
^{109}Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M}Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
^{113}Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
^{125}Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
^{126}I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
^{131}I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
^{132}Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
^{133}Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
^{134}Cs	4,02	1,45	0,67	0,658	6,38	0,0665	0,391	0,328
^{136}Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
^{140}Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
^{140}La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
^{141}Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
^{144}Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
^{152}Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
^{203}Hg	8,46	1,97	0,665	0,594	7,75	0,076	1,04	0,505
^{241}Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
^{7}Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

Poznámka: v tabuľke sú uvedené očakávané MDA jednotlivých rádionuklidov v prípade ich výskytu vo vzorkách

MDA
Rádiochémia

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Mlieko	VzPhV
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]
^{3}H					1000		
^{90}Sr	1		0,5	0,5	6	0,07	0,05
celk. aktivita beta	16	1			6		
celk. aktivita alfa					7		

Table 3 MDA, 2007

MDA
(priemerné hodnoty)
Gamaspektrometria

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Tekuté mlieko	VzPhV sušená	VzPhV surová
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]	[Bq/kg]
^{22}Na	5,11	1,41	0,607	0,649	4,86	0,0876	0,441	0,376
^{51}Cr	81,0	19,6	7,17	6,49	73,4	0,710	17,6	5,89
^{54}Mn	4,61	1,27	0,332	0,598	4,73	0,0643	0,433	0,321
^{57}Co	3,75	1,02	0,684	0,727	5,93	0,0592	0,456	0,338
^{58}Co	5,42	1,50	0,626	0,626	5,50	0,0713	0,753	0,424
^{59}Fe	11,6	3,37	1,39	1,34	11,4	0,180	2,24	1,13
^{60}Co	4,73	1,21	0,505	0,542	4,97	0,0723	0,363	0,306
^{65}Zn	11,6	3,13	1,56	1,73	10,4	0,186	1,12	0,853
^{85}Sr	8,52	2,37	0,755	0,743	9,43	0,0917	0,990	0,540
^{88}Y	6,01	1,53	0,413	0,408	5,29	0,0561	0,458	0,292
^{95}Nb	6,74	1,99	0,868	0,805	6,85	0,0815	1,44	0,602
^{95}Zr	9,38	2,73	1,17	1,15	10,1	0,124	1,34	0,768
^{103}Ru	6,45	1,94	0,725	0,705	7,29	0,077	1,23	0,560
^{109}Cd	205	29,9	16,5	16,8	242	3,17	22,4	17,5
^{110M}Ag	4,56	1,25	0,589	0,795	4,97	0,0616	0,434	0,327
^{113}Sn	7,38	1,88	0,748	0,781	7,66	0,0781	0,659	0,439
^{125}Sb	10,4	3,25	1,34	1,36	10,9	0,172	1,53	0,908
^{126}I	41,7	13,6	4,51	3,49	44,6	0,378	17,3	6,05
^{131}I	27,8	11,3	2,15	1,98	30,1	0,223	18,3	7,32
^{132}Te	66,4	21,5	10,1	10,3	71,6	0,623	26,1	14,6
^{133}Ba	8,41	1,98	1,01	1,16	7,57	0,0833	0,501	0,395
^{134}Cs	4,02	1,45	0,67	0,658	6,38	0,0665	0,391	0,328
^{136}Cs	12,2	4,36	1,49	1,25	11,9	0,140	17,2	1,87
^{140}Ba	41,6	16,0	5,23	4,98	50,0	0,489	10,1	7,84
^{140}La	16,6	5,98	1,59	1,47	16,0	0,149	3,43	1,87
^{141}Ce	10,3	3,02	1,52	1,43	12,4	0,122	2,73	1,05
^{144}Ce	30,2	8,24	5,10	5,38	33,9	0,389	3,24	2,440
^{152}Eu	10,8	2,89	1,85	2,00	12,6	0,137	1,07	0,881
^{203}Hg	8,46	1,97	0,665	0,594	7,75	0,0760	1,04	0,505
^{241}Am	11,3	4,68	3,61	3,78	10,3	0,106	2,70	2,26
^{7}Be	61,2	16,8	5,44	5,54	58,6	0,584	7,38	3,90

Poznámka: v tabuľke sú uvedené očakávané MDA jednotlivých rádionuklidov v prípade ich výskytu vo vzorkách

MDA
Rádiochémia

Rádionuklid	Filter	Spády	Pôdy	Sediment	Voda	Mlieko	VzPhV
	[μBq/m^3]	[Bq/m^2]	[Bq/kg]	[Bq/kg]	[mBq/dm^3]	[Bq/dm^3]	[Bq/kg]
^{3}H					1000		
^{90}Sr	1		0,5	0,5	6	0,007	0,05
celk. aktivita beta	16	1			6		
celk. aktivita alfa					7		

Table 4 MDA, 2008

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	83 ± 6	95 ± 8	68 ± 7	65 ± 7	79 ± 6	62 ± 6	66 ± 6	69 ± 8	65 ± 6	68 ± 7	76 ± 6	75 ± 8
Levice	87 ± 7	80 ± 7	51 ± 7	70 ± 7	80 ± 6	70 ± 6	68 ± 6	75 ± 8	72 ± 6	81 ± 8	92 ± 7	107 ± 10
Kalná n/ Hronom	83 ± 6	74 ± 7	53 ± 7	62 ± 6	78 ± 6	63 ± 6	66 ± 6	66 ± 8	64 ± 5	70 ± 7	82 ± 6	95 ± 9
Nový Tekov	94 ± 7	89 ± 8	57 ± 7	72 ± 7	83 ± 7	76 ± 6	81 ± 6	87 ± 9	77 ± 6	96 ± 8	92 ± 7	121 ± 11
M. Kozmálovce	111 ± 8	79 ± 7	68 ± 7	69 ± 7	86 ± 7	71 ± 6	78 ± 6	73 ± 8	84 ± 7	86 ± 8	102 ± 7	81 ± 9
Veľký Ďúr	111 ± 8	94 ± 8	63 ± 7	95 ± 8	91 ± 7	79 ± 6	84 ± 7	100 ± 9	85 ± 7	119 ± 10	100 ± 7	137 ± 12
Čifáre	107 ± 8	84 ± 7	72 ± 8	77 ± 7	89 ± 7	70 ± 6	74 ± 6	82 ± 8	75 ± 6	84 ± 8	89 ± 6	110 ± 10
Vráble	89 ± 7	82 ± 7	60 ± 7	64 ± 7	80 ± 7	71 ± 6	73 ± 6	70 ± 8	78 ± 6	86 ± 8	93 ± 7	94 ± 9
Tajná	98 ± 7	93 ± 8	74 ± 8	79 ± 7	83 ± 7	71 ± 6	80 ± 6	74 ± 8	81 ± 6	90 ± 8	95 ± 7	106 ± 10
Č. Hrádok	82 ± 6	98 ± 8	62 ± 7	92 ± 8	74 ± 6	70 ± 6	71 ± 6	77 ± 8	71 ± 6	99 ± 8	84 ± 6	125 ± 11
Nemčiňany	103 ± 7	97 ± 8	71 ± 7	104 ± 9	91 ± 7	84 ± 7	81 ± 6	83 ± 8	83 ± 7	100 ± 9	100 ± 7	110 ± 10
Zlaté Moravce	93 ± 7	92 ± 8	67 ± 7	100 ± 9	81 ± 6	77 ± 6	67 ± 6	82 ± 8	76 ± 6	95 ± 8	92 ± 7	114 ± 10
Kozárovce	101 ± 7	107 ± 9	71 ± 8	113 ± 9	90 ± 7	87 ± 7	86 ± 7	90 ± 9	87 ± 7	103 ± 9	101 ± 7	130 ± 12
Rybník	68 ± 5	94 ± 8	56 ± 7	91 ± 8	90 ± 7	75 ± 6	80 ± 6	86 ± 9	84 ± 7	93 ± 8	95 ± 7	109 ± 10
EMO SDS	115 ± 8	98 ± 8	89 ± 8	110 ± 9	88 ± 7	84 ± 7	91 ± 7	84 ± 9	93 ± 7	88 ± 8	110 ± 8	111 ± 10
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

Table 5 Dose rate measured by TLD 100, 2005

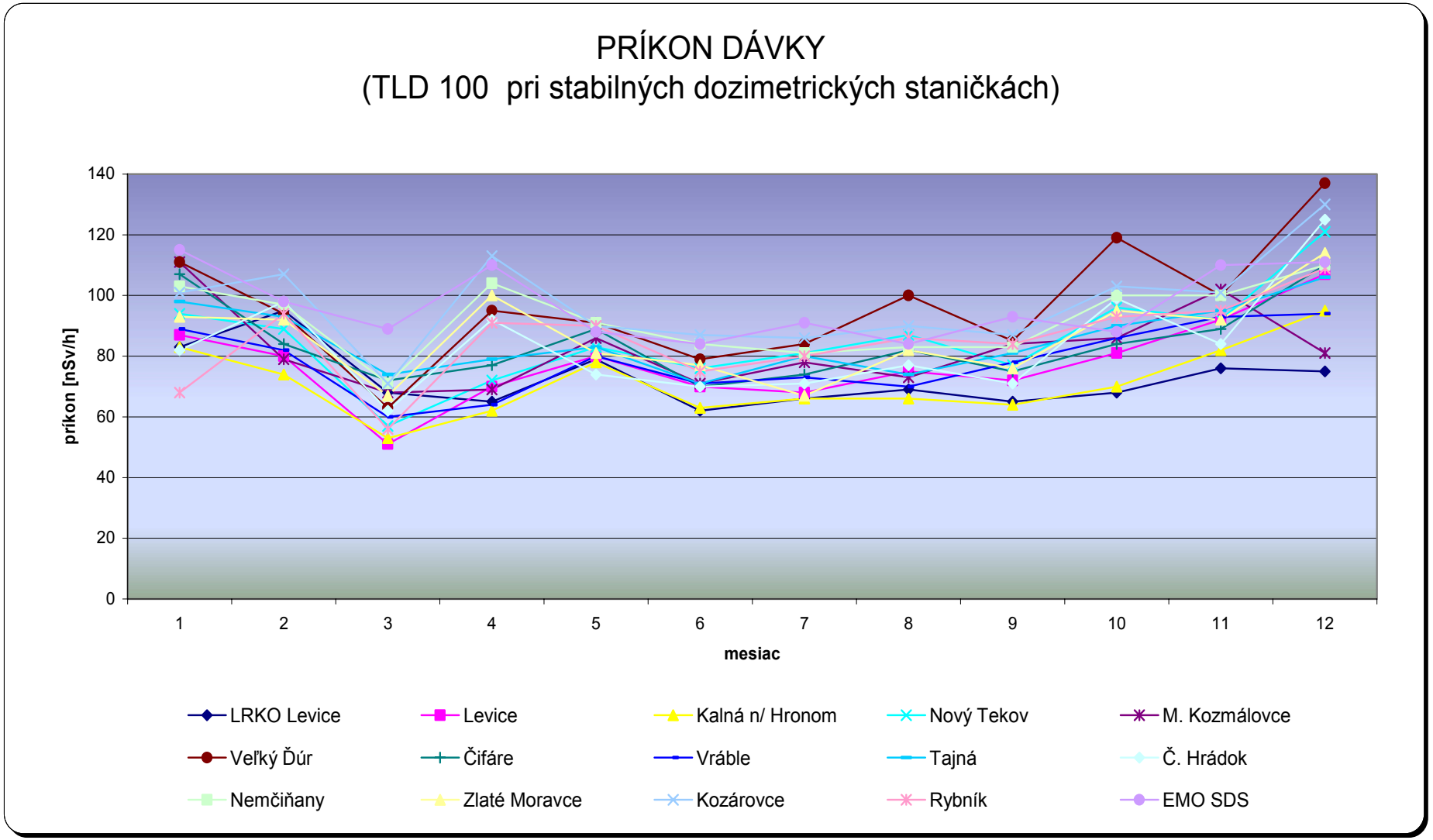


Figure 1 Dose rate measured by TLD 100 - year 2005

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	70 ± 6	62 ± 7	77 ± 6	75 ± 6	69 ± 7	70 ± 5	62 ± 5	62 ± 5	78 ± 5	77 ± 7	79 ± 6	84 ± 7
Levice	76 ± 6	62 ± 7	83 ± 6	84 ± 7	76 ± 7	79 ± 6	69 ± 5	70 ± 6	81 ± 6	87 ± 8	87 ± 7	92 ± 8
Kalná n/ Hronom	74 ± 6	51 ± 6	80 ± 6	77 ± 6	74 ± 7	73 ± 5	68 ± 5	66 ± 6	78 ± 5	85 ± 7	89 ± 7	84 ± 7
Nový Tekov	83 ± 7	80 ± 8	87 ± 6	81 ± 7	83 ± 7	82 ± 6	72 ± 5	79 ± 6	92 ± 6	100 ± 8	98 ± 7	100 ± 8
M. Kozmálovce	89 ± 7	61 ± 7	93 ± 7	81 ± 7	79 ± 7	79 ± 6	71 ± 5	75 ± 6	92 ± 6	93 ± 8	104 ± 7	91 ± 8
Veľký Ďur	89 ± 7	64 ± 7	84 ± 6	85 ± 7	88 ± 8	83 ± 6	76 ± 5	79 ± 6	95 ± 6	101 ± 8	108 ± 8	99 ± 8
Čifáre	82 ± 7	54 ± 6	100 ± 7	87 ± 7	72 ± 7	75 ± 5	67 ± 5	74 ± 6	85 ± 6	98 ± 8	97 ± 7	93 ± 8
Vráble	85 ± 7	64 ± 7	82 ± 6	82 ± 7	80 ± 7	73 ± 5	73 ± 5	73 ± 6	90 ± 6	100 ± 8	99 ± 7	96 ± 8
Tajná	89 ± 7	57 ± 6	91 ± 7	84 ± 7	79 ± 7	74 ± 5	69 ± 5	75 ± 6	89 ± 6	100 ± 8	102 ± 7	101 ± 8
Č. Hrádok	74 ± 6	68 ± 7	80 ± 6	81 ± 7	75 ± 7	69 ± 5	68 ± 5	78 ± 6	79 ± 5	91 ± 8	79 ± 6	102 ± 8
Nemčiňany	93 ± 7	78 ± 7	94 ± 7	96 ± 7	87 ± 8	87 ± 6	77 ± 5	87 ± 7	91 ± 6	111 ± 9	97 ± 7	126 ± 10
Zlaté Moravce	81 ± 7	75 ± 7	86 ± 6	90 ± 7	78 ± 7	80 ± 6	68 ± 5	85 ± 7	86 ± 6	109 ± 9	86 ± 7	113 ± 9
Kozárovce	94 ± 7	85 ± 8	96 ± 7	97 ± 8	92 ± 8	83 ± 6	86 ± 6	94 ± 7	101 ± 7	111 ± 9	99 ± 7	118 ± 9
Rybník	89 ± 7	71 ± 7	87 ± 6	85 ± 7	83 ± 7	80 ± 6	73 ± 5	82 ± 7	94 ± 6	99 ± 8	94 ± 7	103 ± 8
EMO SDS	99 ± 8	67 ± 7	95 ± 7	93 ± 7	107 ± 9	83 ± 6	82 ± 6	87 ± 7	99 ± 7	106 ± 9	109 ± 8	107 ± 9
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

Table 6 Dose rate measured by TLD 100, 2006

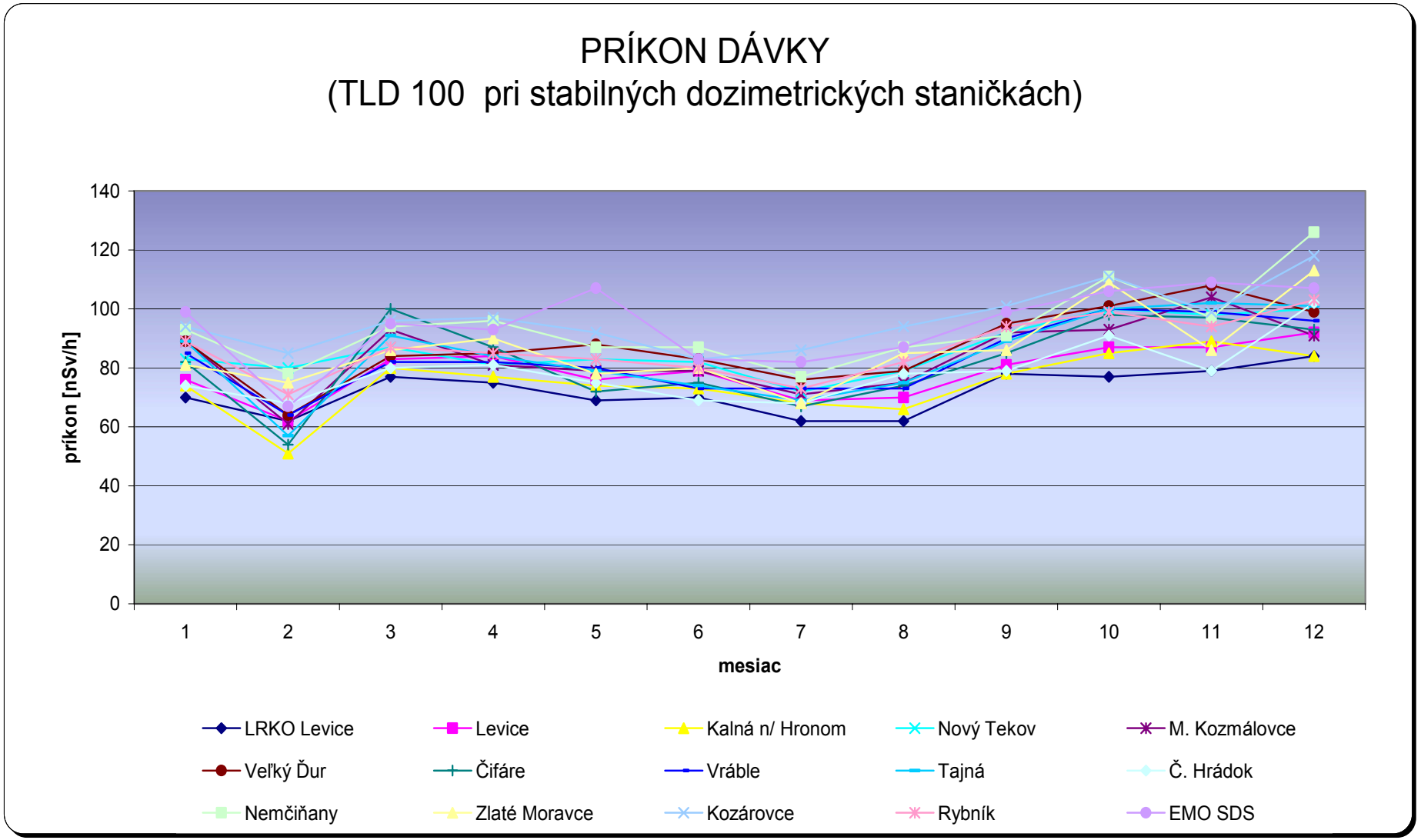


Figure 2 Dose rate measured by TLD 100 ,2006

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	77 ± 6	82 ± 7	60 ± 5	73 ± 6	60 ± 5	62 ± 5	61 ± 5	68 ± 6	75 ± 6	83 ± 6	82 ± 8	98 ± 7
Levice	83 ± 6	91 ± 7	72 ± 6	81 ± 6	73 ± 6	73 ± 6	71 ± 5	82 ± 7	83 ± 7	93 ± 7	91 ± 8	103 ± 7
Kalná n/ Hronom	81 ± 6	86 ± 7	73 ± 6	76 ± 6	72 ± 6	67 ± 6	82 ± 6	75 ± 6	88 ± 7	87 ± 7	91 ± 8	91 ± 6
Nový Tekov	92 ± 7	99 ± 8	76 ± 6	88 ± 7	82 ± 6	79 ± 6	89 ± 6	86 ± 7	101 ± 8	101 ± 7	99 ± 9	107 ± 7
M. Kozmálovce	103 ± 7	92 ± 7	91 ± 7	79 ± 6	86 ± 7	74 ± 6	88 ± 6	83 ± 7	103 ± 8	103 ± 7	110 ± 9	99 ± 7
Veľký Ďur	103 ± 7	101 ± 8	84 ± 7	87 ± 7	86 ± 7	80 ± 6	92 ± 7	89 ± 7	106 ± 8	109 ± 8	113 ± 9	104 ± 7
Čifáre	90 ± 7	103 ± 8	90 ± 7	83 ± 7	82 ± 6	77 ± 6	83 ± 6	89 ± 7	93 ± 7	96 ± 7	104 ± 9	96 ± 7
Vráble	93 ± 7	90 ± 7	82 ± 7	83 ± 7	80 ± 6	71 ± 6	82 ± 6	88 ± 7	89 ± 7	96 ± 7	97 ± 8	102 ± 7
Tajná	96 ± 7	99 ± 8	90 ± 7	87 ± 7	83 ± 7	74 ± 6	84 ± 6	82 ± 7	91 ± 7	104 ± 7	105 ± 9	106 ± 7
Č. Hrádok	87 ± 6	101 ± 8	68 ± 6	79 ± 6	78 ± 6	75 ± 6	71 ± 5	82 ± 7	89 ± 7	99 ± 7	100 ± 9	96 ± 7
Nemčiňany	105 ± 7	110 ± 8	101 ± 8	97 ± 7	95 ± 7	85 ± 7	83 ± 6	93 ± 7	102 ± 8	111 ± 8	107 ± 9	117 ± 8
Zlaté Moravce	89 ± 7	109 ± 8	93 ± 7	93 ± 7	85 ± 7	83 ± 7	70 ± 5	90 ± 7	92 ± 7	108 ± 8	106 ± 9	108 ± 7
Kozárovce	102 ± 7	122 ± 9	82 ± 7	93 ± 7	95 ± 7	90 ± 7	87 ± 6	95 ± 7	103 ± 8	112 ± 8	116 ± 9	111 ± 7
Rybník	97 ± 7	105 ± 8	83 ± 7	87 ± 7	86 ± 7	80 ± 6	81 ± 6	96 ± 7	102 ± 8	106 ± 8	109 ± 9	106 ± 7
EMO SDS	112 ± 8	112 ± 8	85 ± 7	90 ± 7	94 ± 7	86 ± 7	85 ± 6	93 ± 7	108 ± 8	108 ± 8	129 ± 10	88 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

Table 7 Dose rate measured by TLD 100, 2007

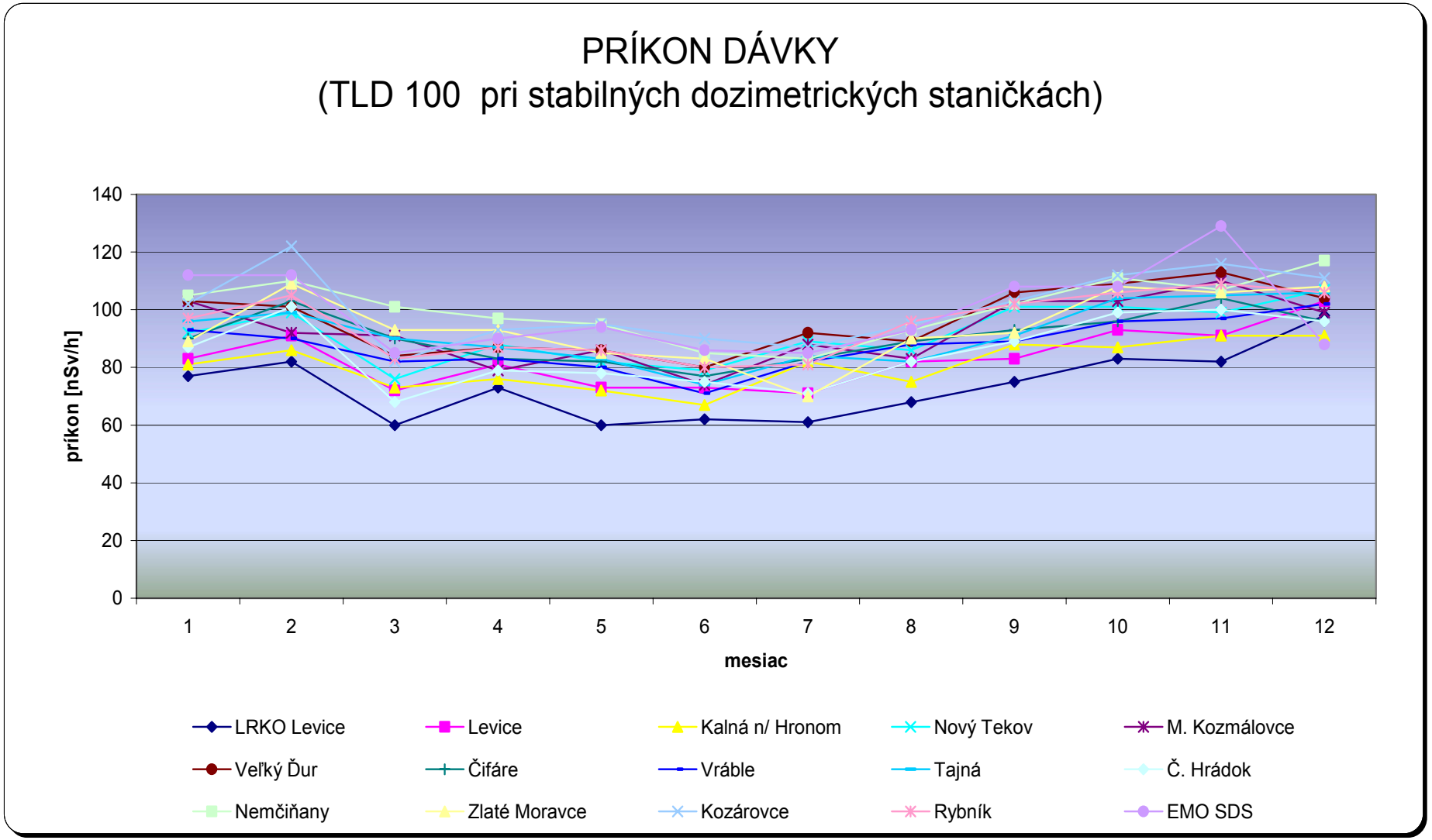


Figure 1 Dose rate measured by TLD 100, 2007

PRÍKON DÁVKY

(TLD 100 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	79 ± 13	86 ± 13	68 ± 14	79 ± 15	73 ± 12	75 ± 12	67 ± 11	75 ± 12	76 ± 13	84 ± 13	80 ± 12	96 ± 17
Levice	88 ± 14	95 ± 14	82 ± 16	89 ± 16	84 ± 13	83 ± 12	78 ± 12	82 ± 12	89 ± 14	93 ± 14	88 ± 13	103 ± 18
Kalná n/ Hronom	98 ± 15	86 ± 13	79 ± 16	85 ± 15	82 ± 13	77 ± 12	80 ± 13	79 ± 12	88 ± 14	87 ± 13	90 ± 13	95 ± 17
Nový Tekov	91 ± 14	97 ± 14	85 ± 16	101 ± 17	83 ± 13	94 ± 14	78 ± 12	100 ± 14	102 ± 16	106 ± 15	95 ± 14	101 ± 18
M. Kozmálovce	109 ± 16	91 ± 13	104 ± 18	87 ± 16	86 ± 13	88 ± 13	89 ± 13	92 ± 13	111 ± 16	99 ± 15	109 ± 15	100 ± 18
Veľký Ďur	110 ± 16	104 ± 15	91 ± 17	100 ± 17	94 ± 14	98 ± 14	93 ± 14	100 ± 14	104 ± 16	104 ± 15	113 ± 16	108 ± 18
Čifáre	108 ± 16	96 ± 14	80 ± 16	99 ± 17	81 ± 12	94 ± 14	77 ± 12	98 ± 14	88 ± 14	93 ± 14	101 ± 14	106 ± 18
Vráble	98 ± 15	93 ± 14	84 ± 16	91 ± 16	81 ± 12	93 ± 14	79 ± 12	98 ± 14	95 ± 15	101 ± 15	96 ± 14	101 ± 18
Tajná	103 ± 16	101 ± 14	94 ± 17	107 ± 18	81 ± 12	82 ± 12	84 ± 13	94 ± 14	104 ± 16	108 ± 16	104 ± 15	109 ± 18
Č. Hrádok	95 ± 15	88 ± 13	82 ± 16	105 ± 18	77 ± 12	88 ± 13	78 ± 12	94 ± 14	92 ± 14	100 ± 15	95 ± 14	110 ± 19
Nemčiňany	117 ± 17	107 ± 15	103 ± 18	111 ± 18	91 ± 13	97 ± 14	94 ± 14	110 ± 15	115 ± 17	114 ± 16	107 ± 15	127 ± 20
Zlaté Moravce	105 ± 16	100 ± 14	92 ± 17	103 ± 17	82 ± 13	93 ± 14	82 ± 13	109 ± 15	100 ± 15	109 ± 16	103 ± 14	121 ± 20
Kozárovce	114 ± 17	105 ± 15	103 ± 18	132 ± 21	96 ± 14	98 ± 14	95 ± 14	118 ± 16	116 ± 17	119 ± 17	109 ± 15	132 ± 21
Rybník	105 ± 16	97 ± 14	95 ± 18	106 ± 18	88 ± 13	94 ± 14	89 ± 14	105 ± 15	110 ± 16	108 ± 16	107 ± 15	119 ± 20
EMO SDS	122 ± 18	109 ± 15	93 ± 17	111 ± 18	103 ± 15	93 ± 14	92 ± 14	103 ± 15	114 ± 17	112 ± 16	107 ± 15	120 ± 20
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

Table 8 Dose rate measured by TLD 100, 2008

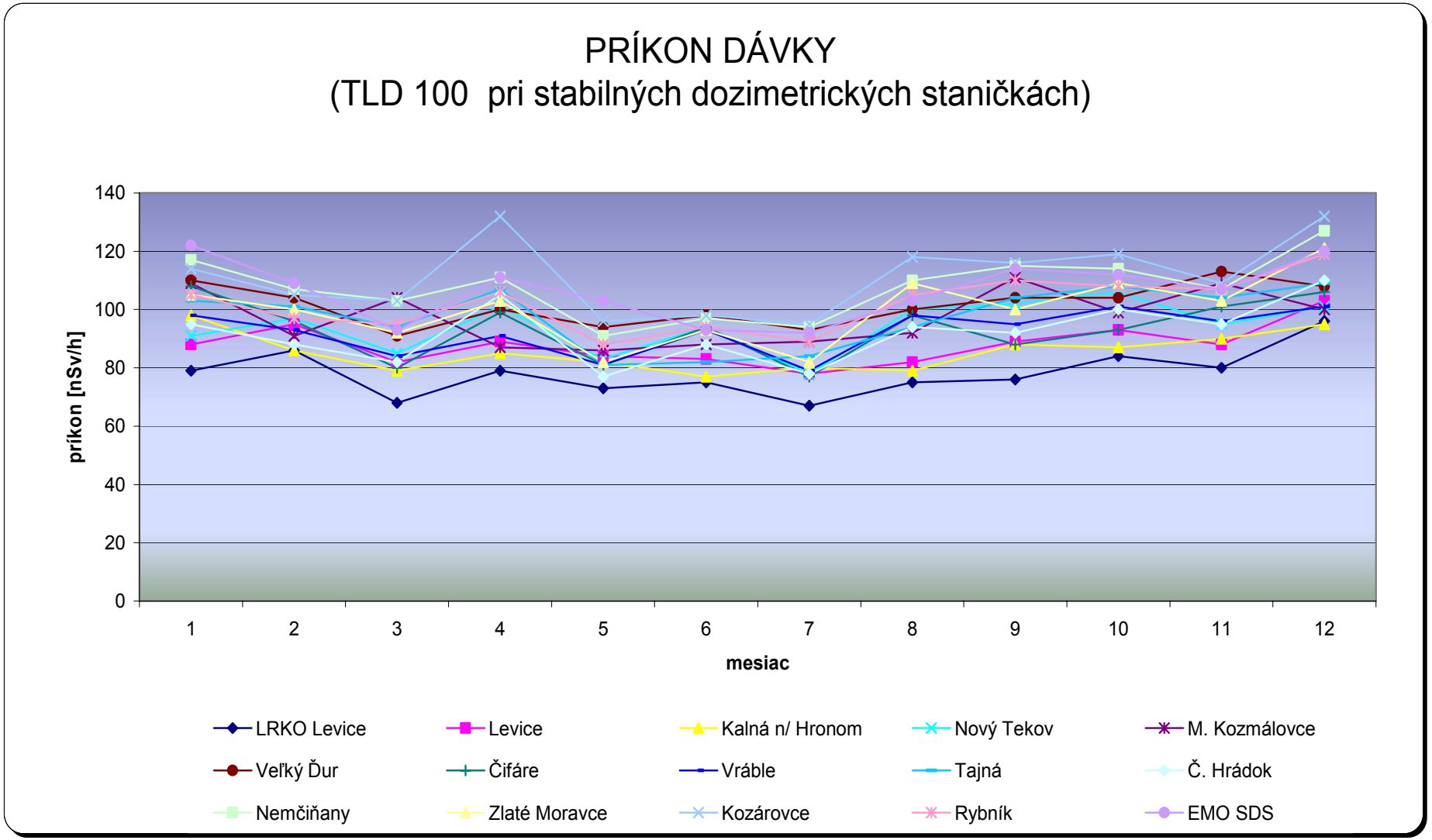


Figure 2 Dose rate measured by TLD 100, 2008

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	77 ± 4	77 ± 4	72 ± 4	67 ± 4	69 ± 4	60 ± 4	64 ± 4	65 ± 4	67 ± 4	71 ± 4	76 ± 4	66 ± 4
Levice	89 ± 5	76 ± 4	71 ± 4	75 ± 5	75 ± 4	67 ± 4	70 ± 4	74 ± 4	76 ± 4	80 ± 5	90 ± 5	78 ± 5
Kalná n/ Hronom	88 ± 5	72 ± 4	71 ± 4	70 ± 5	74 ± 4	61 ± 4	73 ± 4	68 ± 4	77 ± 4	75 ± 5	89 ± 5	73 ± 5
Nový Tekov	93 ± 5	83 ± 5	74 ± 4	82 ± 5	80 ± 4	76 ± 4	79 ± 4	84 ± 5	84 ± 5	91 ± 5	95 ± 5	83 ± 5
M. Kozmálovce	97 ± 5	89 ± 5	77 ± 4	89 ± 5	80 ± 4	79 ± 4	77 ± 4	86 ± 5	87 ± 5	100 ± 6	101 ± 5	93 ± 5
Veľký Ďur	102 ± 5	77 ± 4	75 ± 4	85 ± 5	89 ± 5	77 ± 4	88 ± 5	83 ± 5	92 ± 5	94 ± 5	107 ± 6	87 ± 5
Čifáre	85 ± 5	71 ± 4	65 ± 4	77 ± 5	75 ± 4	66 ± 4	72 ± 4	74 ± 4	78 ± 4	82 ± 5	90 ± 5	77 ± 5
Vráble	96 ± 5	84 ± 5	76 ± 4	82 ± 5	82 ± 5	71 ± 4	78 ± 4	79 ± 4	87 ± 5	90 ± 5	101 ± 5	85 ± 5
Tajná	96 ± 5	84 ± 5	74 ± 4	82 ± 5	79 ± 4	72 ± 4	78 ± 4	79 ± 4	84 ± 5	89 ± 5	98 ± 5	83 ± 5
Č. Hrádok	89 ± 5	79 ± 5	72 ± 4	77 ± 5	78 ± 4	70 ± 4	75 ± 4	77 ± 4	79 ± 4	82 ± 5	90 ± 5	80 ± 5
Nemčiňany	100 ± 5	89 ± 5	75 ± 4	94 ± 6	85 ± 5	83 ± 5	82 ± 5	89 ± 5	90 ± 5	97 ± 5	103 ± 5	93 ± 5
Zlaté Moravce	90 ± 5	81 ± 5	72 ± 4	85 ± 5	77 ± 4	76 ± 4	73 ± 4	83 ± 5	83 ± 5	91 ± 5	95 ± 5	87 ± 5
Kozárovce	104 ± 5	88 ± 5	82 ± 4	90 ± 5	90 ± 5	81 ± 5	88 ± 5	86 ± 5	93 ± 5	95 ± 5	108 ± 6	92 ± 5
Rybník	73 ± 4	90 ± 5	84 ± 5	85 ± 5	93 ± 5	81 ± 5	85 ± 5	86 ± 5	88 ± 5	93 ± 5	102 ± 5	87 ± 5
EMO SDS	104 ± 5	86 ± 5	81 ± 4	88 ± 5	90 ± 5	78 ± 4	87 ± 5	86 ± 5	92 ± 5	94 ± 5	108 ± 6	91 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

Table 9 Dose rate measured by TLD 200, 2005

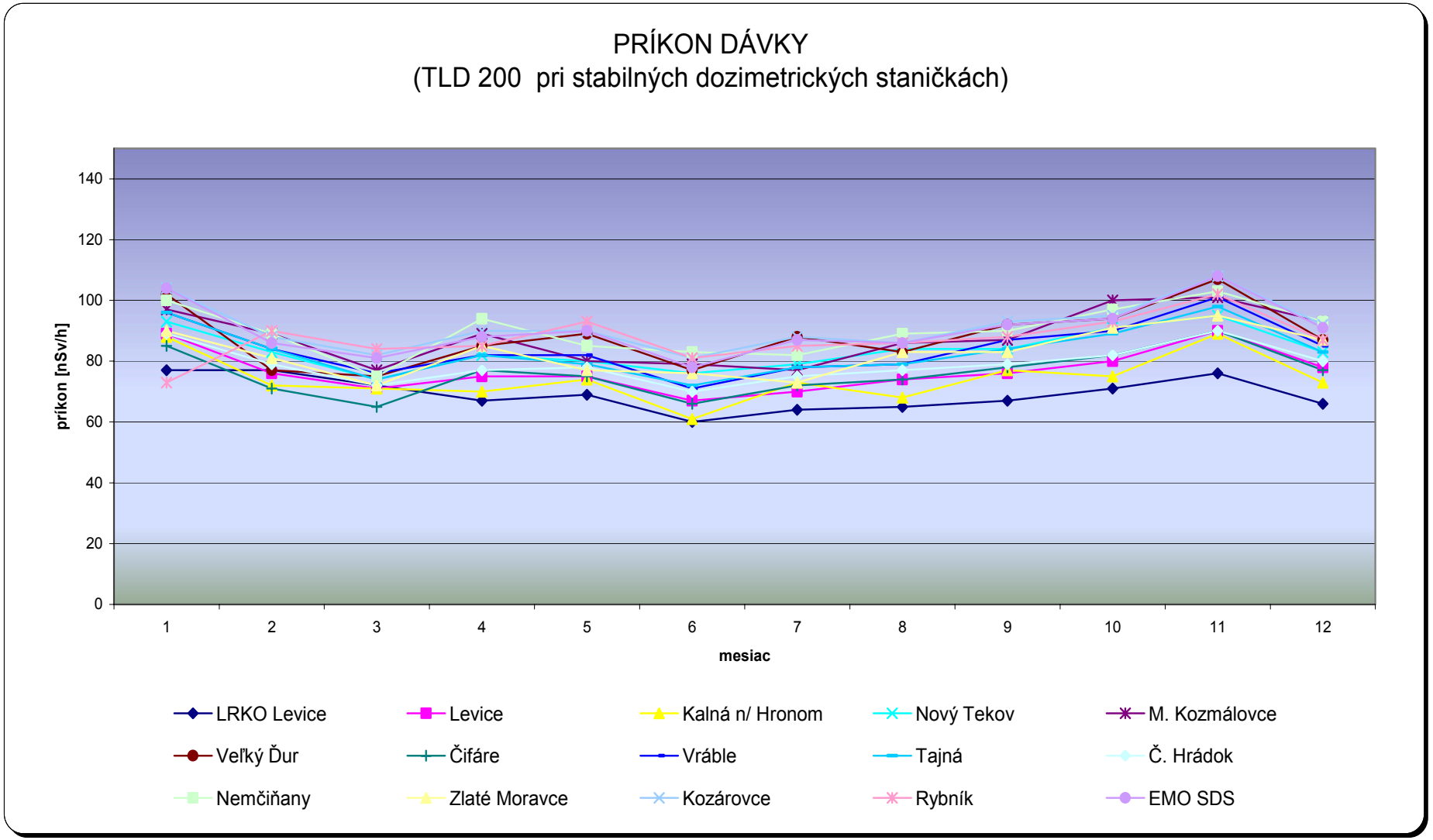


Figure 3 Dose rate measured by TLD 200, 2005

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	71 ± 4	61 ± 4	75 ± 4	67 ± 4	73 ± 4	61 ± 4	60 ± 4	68 ± 4	76 ± 4	77 ± 4	77 ± 4	83 ± 5
Levice	80 ± 4	63 ± 4	84 ± 5	75 ± 4	80 ± 5	66 ± 4	67 ± 4	75 ± 5	83 ± 5	89 ± 5	88 ± 5	94 ± 5
Kalná n/ Hronom	78 ± 4	57 ± 4	80 ± 4	70 ± 4	83 ± 5	62 ± 4	70 ± 4	71 ± 4	85 ± 5	85 ± 5	90 ± 5	89 ± 5
Nový Tekov	84 ± 4	68 ± 4	86 ± 5	80 ± 4	88 ± 5	71 ± 4	69 ± 4	82 ± 5	91 ± 5	97 ± 5	95 ± 5	102 ± 5
M. Kozmálovce	85 ± 4	75 ± 4	89 ± 5	87 ± 5	87 ± 5	78 ± 4	70 ± 4	89 ± 5	94 ± 5	108 ± 6	99 ± 5	112 ± 6
Veľký Ďur	87 ± 5	68 ± 4	91 ± 5	89 ± 5	99 ± 5	79 ± 4	81 ± 4	91 ± 5	99 ± 5	110 ± 6	103 ± 5	111 ± 6
Čifáre	75 ± 4	59 ± 4	86 ± 5	77 ± 4	84 ± 5	69 ± 4	67 ± 4	78 ± 5	85 ± 5	94 ± 5	90 ± 5	96 ± 5
Vráble	85 ± 4	69 ± 4	90 ± 5	82 ± 4	93 ± 5	70 ± 4	76 ± 4	83 ± 5	96 ± 5	101 ± 5	100 ± 5	104 ± 5
Tajná	84 ± 4	68 ± 4	89 ± 5	80 ± 4	90 ± 5	70 ± 4	72 ± 4	84 ± 5	93 ± 5	99 ± 5	95 ± 5	103 ± 5
Č. Hrádok	79 ± 4	64 ± 4	85 ± 5	76 ± 4	87 ± 5	69 ± 4	70 ± 4	80 ± 5	86 ± 5	91 ± 5	89 ± 5	93 ± 5
Nemčiňany	90 ± 5	76 ± 4	96 ± 5	90 ± 5	95 ± 5	80 ± 4	78 ± 4	91 ± 5	97 ± 5	109 ± 6	101 ± 5	113 ± 6
Zlaté Moravce	80 ± 4	72 ± 4	87 ± 5	85 ± 5	87 ± 5	73 ± 4	70 ± 4	86 ± 5	87 ± 5	102 ± 5	92 ± 5	105 ± 6
Kozárovce	93 ± 5	74 ± 4	100 ± 5	86 ± 5	98 ± 5	77 ± 4	83 ± 5	92 ± 5	102 ± 5	102 ± 5	104 ± 5	108 ± 6
Rybník	90 ± 5	73 ± 4	95 ± 5	85 ± 5	96 ± 5	77 ± 4	77 ± 4	89 ± 5	97 ± 5	102 ± 5	102 ± 5	106 ± 6
EMO SDS	89 ± 5	67 ± 4	95 ± 5	86 ± 5	99 ± 5	78 ± 4	76 ± 4	89 ± 5	98 ± 5	104 ± 5	107 ± 6	108 ± 6
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

Table 10 Dose rate measured by TLD 200, 2006

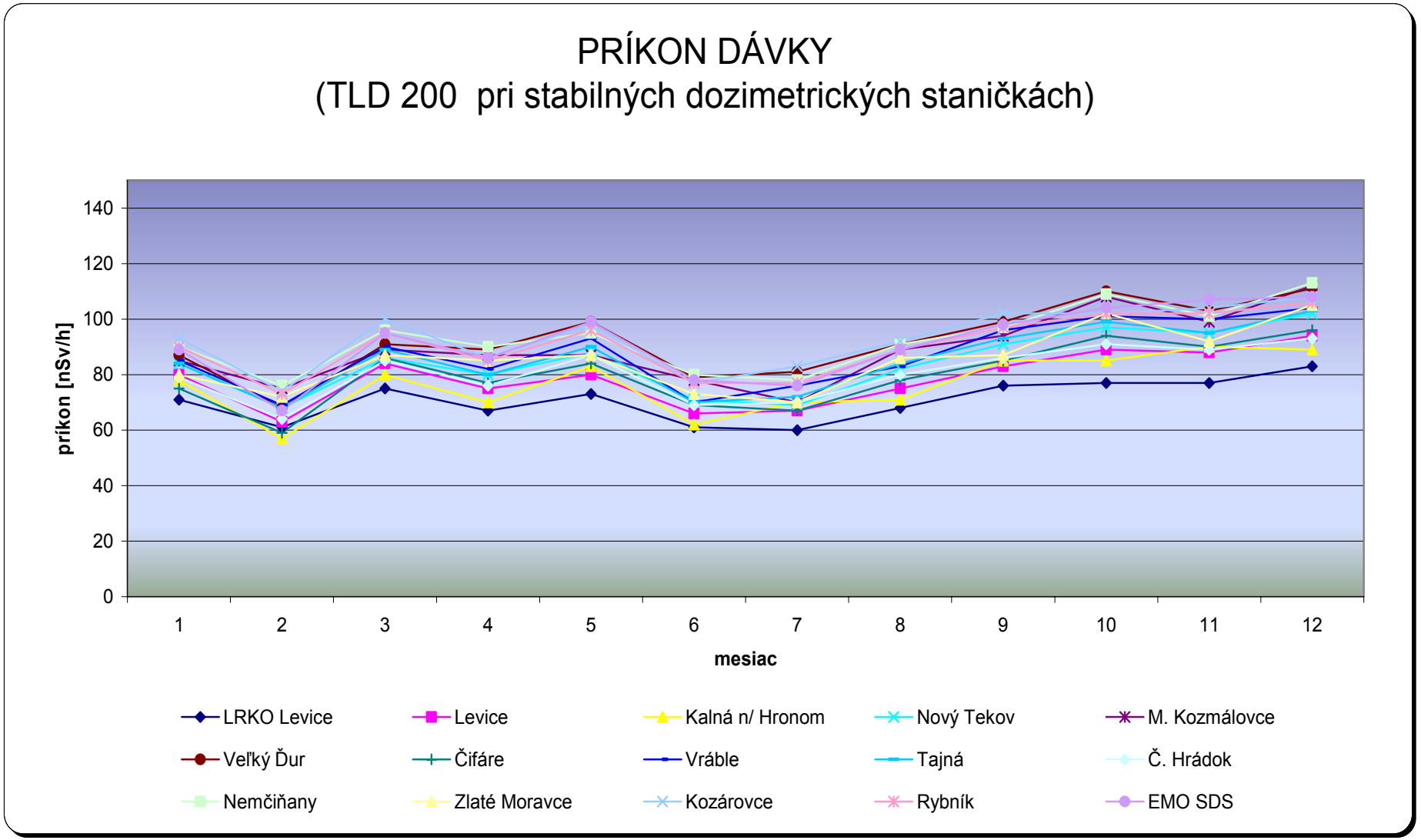


Figure 4 Dose rate measured by TLD 200 ,2006

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	78 ± 4	76 ± 4	70 ± 4	66 ± 4	65 ± 4	60 ± 4	60 ± 4	65 ± 4	72 ± 4	75 ± 4	82 ± 5	84 ± 5
Levice	91 ± 5	84 ± 5	80 ± 4	77 ± 4	75 ± 4	69 ± 4	69 ± 4	76 ± 4	85 ± 5	91 ± 5	95 ± 5	97 ± 5
Kalná n/ Hronom	90 ± 5	80 ± 4	83 ± 4	73 ± 4	75 ± 4	67 ± 4	72 ± 4	72 ± 4	86 ± 5	86 ± 5	98 ± 5	92 ± 5
Nový Tekov	96 ± 5	91 ± 5	85 ± 5	84 ± 5	81 ± 4	76 ± 4	77 ± 4	85 ± 5	93 ± 5	100 ± 5	99 ± 5	104 ± 5
M. Kozmálovce	99 ± 5	100 ± 5	90 ± 5	90 ± 5	81 ± 4	81 ± 5	78 ± 4	91 ± 5	95 ± 5	109 ± 6	106 ± 6	113 ± 6
Veľký Ďur	106 ± 5	102 ± 5	95 ± 5	92 ± 5	90 ± 5	84 ± 5	86 ± 5	93 ± 5	100 ± 5	111 ± 6	112 ± 6	113 ± 6
Čifáre	91 ± 5	88 ± 5	85 ± 5	79 ± 4	78 ± 4	71 ± 4	73 ± 4	80 ± 4	84 ± 5	93 ± 5	97 ± 5	97 ± 5
Vráble	102 ± 5	92 ± 5	86 ± 5	85 ± 5	82 ± 4	74 ± 4	79 ± 4	85 ± 5	96 ± 5	99 ± 5	105 ± 6	102 ± 5
Tajná	99 ± 5	93 ± 5	91 ± 5	83 ± 5	83 ± 4	75 ± 4	76 ± 4	84 ± 5	96 ± 5	100 ± 5	104 ± 5	102 ± 5
Č. Hrádok	92 ± 5	86 ± 5	80 ± 4	80 ± 4	80 ± 4	73 ± 4	76 ± 4	81 ± 5	88 ± 5	91 ± 5	97 ± 5	95 ± 5
Nemčiňany	105 ± 5	101 ± 5	92 ± 5	97 ± 5	88 ± 5	85 ± 5	84 ± 5	94 ± 5	100 ± 5	109 ± 6	108 ± 6	113 ± 6
Zlaté Moravce	94 ± 5	94 ± 5	90 ± 5	89 ± 5	79 ± 4	78 ± 5	72 ± 4	86 ± 5	89 ± 5	100 ± 5	99 ± 5	105 ± 5
Kozárovce	108 ± 5	99 ± 5	97 ± 5	90 ± 5	91 ± 5	83 ± 5	86 ± 5	91 ± 5	104 ± 5	103 ± 6	114 ± 6	110 ± 6
Rybník	102 ± 5	96 ± 5	92 ± 5	90 ± 5	90 ± 5	83 ± 5	84 ± 5	92 ± 5	101 ± 5	105 ± 6	109 ± 6	105 ± 5
EMO SDS	107 ± 5	99 ± 5	94 ± 5	89 ± 5	90 ± 5	82 ± 5	83 ± 4	90 ± 5	101 ± 5	102 ± 6	113 ± 6	108 ± 6
Doba expozície [dni]	35	29	34	27	28	30	30	33	36	29	26	29

Table 11 Dose rate measured by TLD 200, 2007

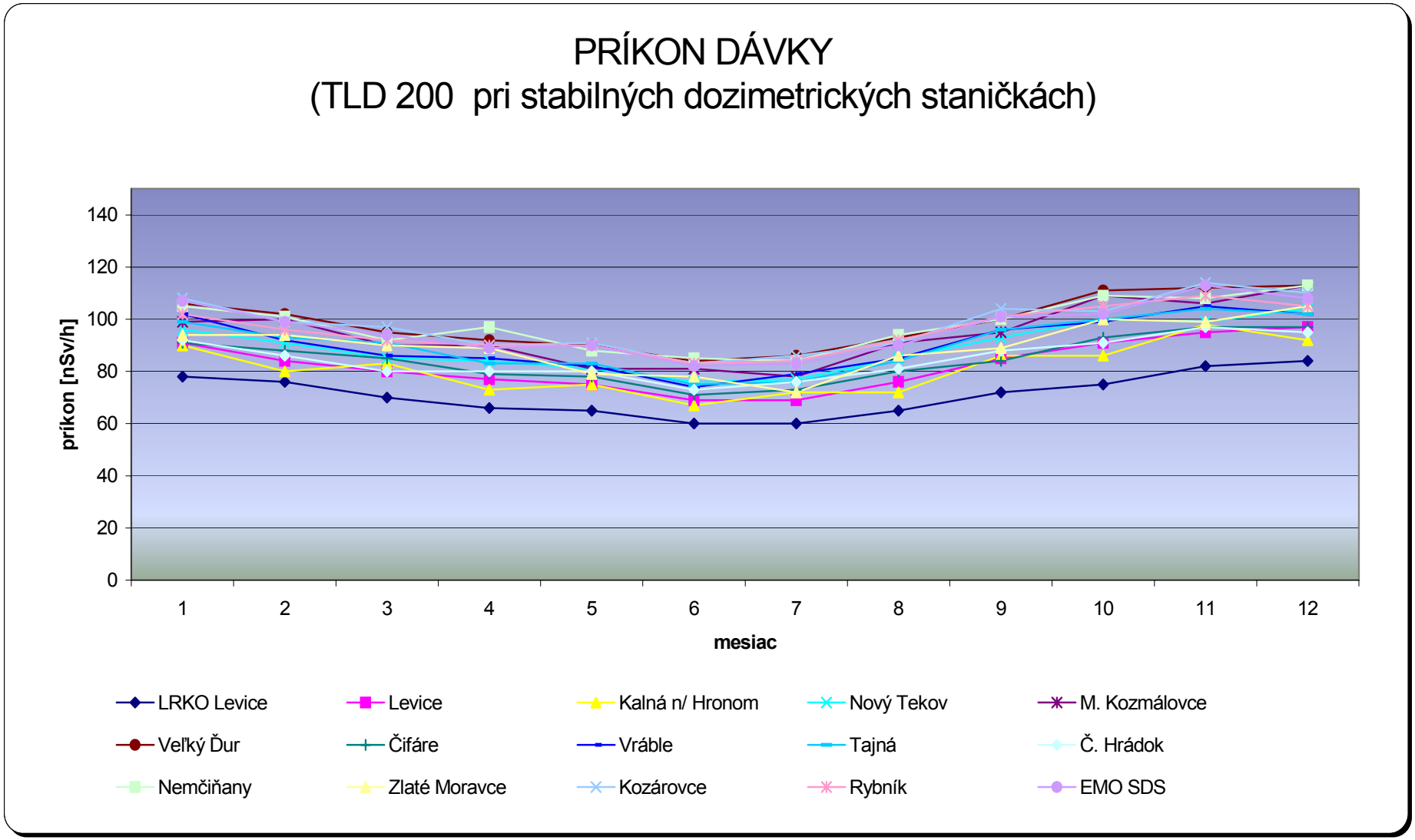


Figure 3 Dose rate measured by TLD 200, 2007

PRÍKON DÁVKY

(TLD 200 pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
LRKO Levice	83 ± 9	77 ± 9	78 ± 9	73 ± 8	66 ± 8	63 ± 8	63 ± 7	64 ± 7	74 ± 8	76 ± 8	70 ± 8	80 ± 10
Levice	95 ± 10	89 ± 10	93 ± 10	85 ± 9	74 ± 8	71 ± 8	73 ± 8	72 ± 8	88 ± 9	86 ± 9	83 ± 9	95 ± 11
Kalná n/ Hronom	97 ± 10	85 ± 9	93 ± 10	80 ± 9	74 ± 8	67 ± 8	77 ± 8	67 ± 8	90 ± 10	83 ± 9	86 ± 9	85 ± 10
Nový Tekov	101 ± 10	96 ± 10	97 ± 10	91 ± 10	82 ± 9	80 ± 9	73 ± 8	85 ± 9	98 ± 10	97 ± 10	90 ± 9	100 ± 12
M. Kozmálovce	105 ± 11	104 ± 11	100 ± 10	99 ± 10	83 ± 9	81 ± 9	80 ± 9	88 ± 9	102 ± 11	107 ± 11	96 ± 10	112 ± 13
Veľký Ďur	112 ± 11	107 ± 11	107 ± 11	104 ± 11	92 ± 10	88 ± 9	88 ± 9	90 ± 9	109 ± 11	108 ± 11	101 ± 10	112 ± 13
Čifáre	96 ± 10	91 ± 10	91 ± 10	87 ± 9	76 ± 8	73 ± 8	72 ± 8	75 ± 8	91 ± 10	90 ± 9	87 ± 9	95 ± 11
Vráble	105 ± 11	96 ± 10	102 ± 11	91 ± 10	83 ± 9	78 ± 9	80 ± 9	81 ± 9	104 ± 11	98 ± 10	96 ± 10	104 ± 12
Tajná	103 ± 10	96 ± 10	98 ± 10	93 ± 10	81 ± 9	78 ± 9	80 ± 9	80 ± 9	101 ± 10	98 ± 10	93 ± 10	102 ± 12
Č. Hrádok	97 ± 10	89 ± 9	92 ± 10	86 ± 9	81 ± 9	76 ± 9	77 ± 8	78 ± 8	94 ± 10	90 ± 9	86 ± 9	93 ± 11
Nemčiňany	110 ± 11	106 ± 11	107 ± 11	101 ± 11	92 ± 10	89 ± 9	85 ± 9	91 ± 9	104 ± 11	106 ± 11	96 ± 10	113 ± 13
Zlaté Moravce	98 ± 10	98 ± 10	95 ± 10	94 ± 10	82 ± 9	81 ± 9	76 ± 8	85 ± 9	95 ± 10	99 ± 10	88 ± 9	104 ± 12
Kozárovce	112 ± 11	101 ± 10	108 ± 11	97 ± 10	93 ± 10	88 ± 9	90 ± 9	90 ± 9	109 ± 11	103 ± 10	101 ± 10	110 ± 12
Rybník	108 ± 11	98 ± 10	105 ± 11	97 ± 10	89 ± 9	84 ± 9	87 ± 9	88 ± 9	107 ± 11	101 ± 10	100 ± 10	105 ± 12
EMO SDS	114 ± 11	101 ± 10	91 ± 10	94 ± 10	103 ± 11	85 ± 9	86 ± 9	86 ± 9	107 ± 11	100 ± 10	99 ± 10	109 ± 12
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

Table 12 Dose rate measured by TLD 200, 2008

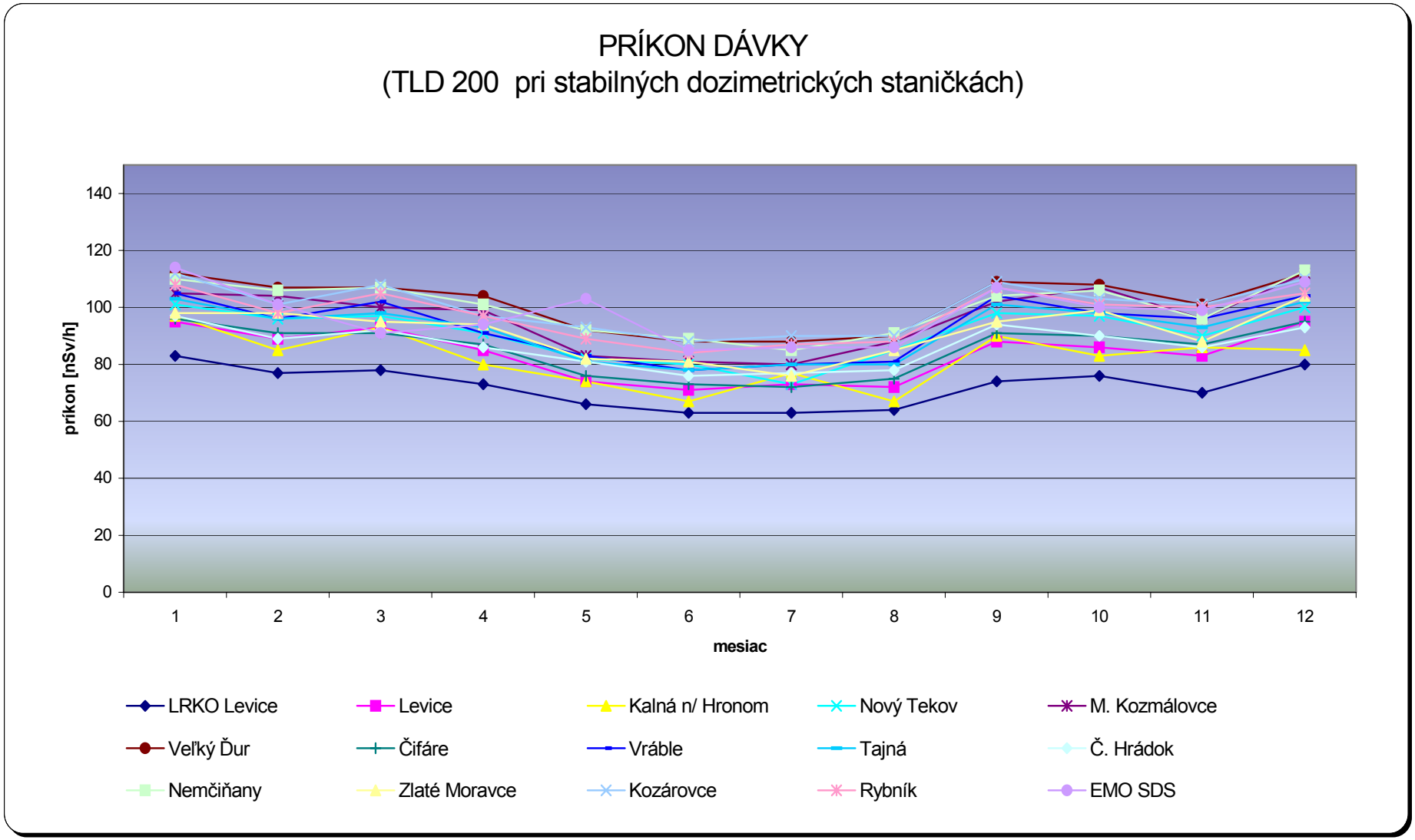


Figure 4 Dose rate measured by TLD 200, 2008

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	107 ± 8	115 ± 9	98 ± 9	136 ± 11	101 ± 8	89 ± 7	95 ± 7	101 ± 9	96 ± 7	102 ± 9	109 ± 8	138 ± 12
EMO metrológia	114 ± 8	106 ± 8	82 ± 8	104 ± 9	104 ± 8	97 ± 7	95 ± 7	102 ± 9	102 ± 8	111 ± 9	114 ± 8	142 ± 12
EMO dekarbo	86 ± 7	93 ± 8	60 ± 7	89 ± 8	80 ± 6	71 ± 6	72 ± 6	90 ± 9	77 ± 6	87 ± 8	90 ± 6	121 ± 11
EMO údržba	91 ± 7	86 ± 7	72 ± 8	86 ± 8	85 ± 7	71 ± 6	79 ± 6	82 ± 8	79 ± 6	78 ± 7	96 ± 7	102 ± 10
EMO ZS	97 ± 7	109 ± 9	91 ± 9	126 ± 10	92 ± 7	81 ± 7	96 ± 7	93 ± 9	87 ± 7	96 ± 8	106 ± 7	137 ± 12
EMO vrátnica	94 ± 7	96 ± 8	76 ± 8	113 ± 9	86 ± 7	76 ± 6	85 ± 7	93 ± 9	85 ± 7	95 ± 8	96 ± 7	112 ± 10
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

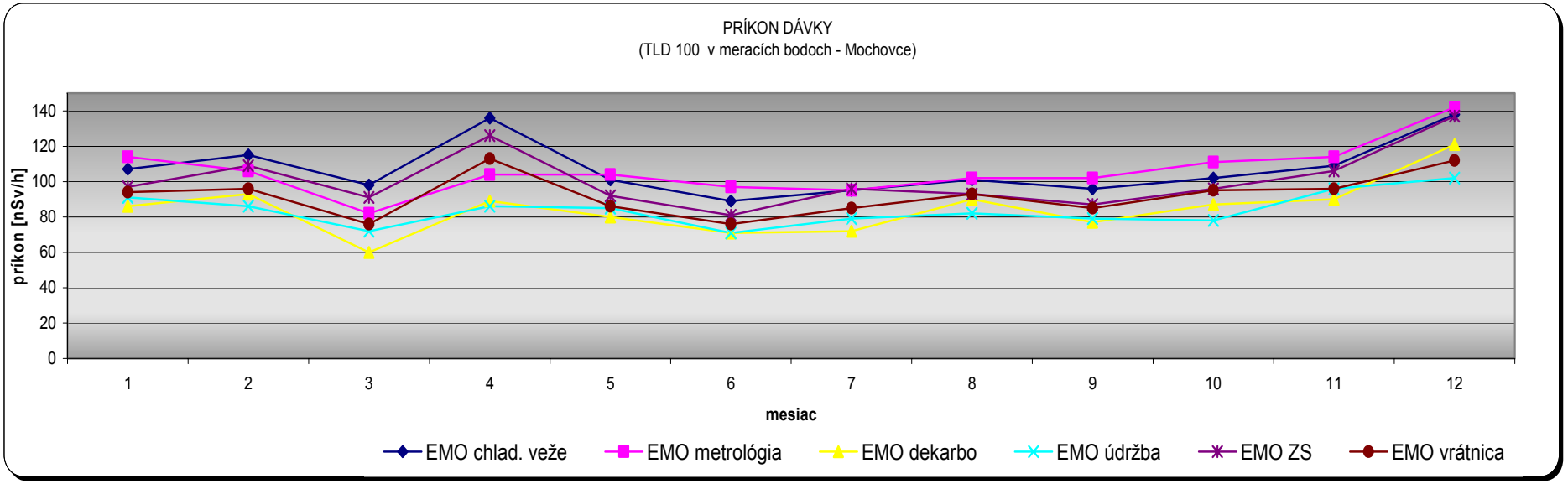


Table 13 Dose rate measured by TLD 100 at the Mochovce measuring points, 2005

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	106 ± 8	111 ± 9	107 ± 8	107 ± 8	116 ± 9	94 ± 6	86 ± 6	96 ± 7	107 ± 7	110 ± 9	106 ± 8	121 ± 9
EMO metrológia	106 ± 8	97 ± 9	113 ± 8	110 ± 8	125 ± 10	97 ± 7	86 ± 6	101 ± 8	109 ± 7	118 ± 9	109 ± 8	128 ± 10
EMO dekarbo	87 ± 7	80 ± 8	83 ± 6	83 ± 7	92 ± 8	75 ± 5	65 ± 5	83 ± 7	83 ± 6	96 ± 8	85 ± 6	111 ± 9
EMO údržba	89 ± 7	70 ± 7	94 ± 7	84 ± 7	109 ± 9	75 ± 5	68 ± 5	81 ± 7	85 ± 6	94 ± 8	92 ± 7	98 ± 8
EMO ZS	97 ± 8	92 ± 8	95 ± 7	96 ± 7	106 ± 9	85 ± 6	76 ± 5	93 ± 7	93 ± 6	110 ± 9	98 ± 7	119 ± 9
EMO vrátnica	93 ± 7	111 ± 9	94 ± 7	83 ± 7	103 ± 8	77 ± 6	77 ± 6	89 ± 7	91 ± 6	105 ± 8	94 ± 7	103 ± 8
EMO FS KRAO 1									92 ± 6	101 ± 8	89 ± 7	123 ± 9
EMO FS KRAO 2									97 ± 6	100 ± 8	91 ± 7	111 ± 9
EMO FS KRAO 3									97 ± 7	107 ± 9	97 ± 7	118 ± 9
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

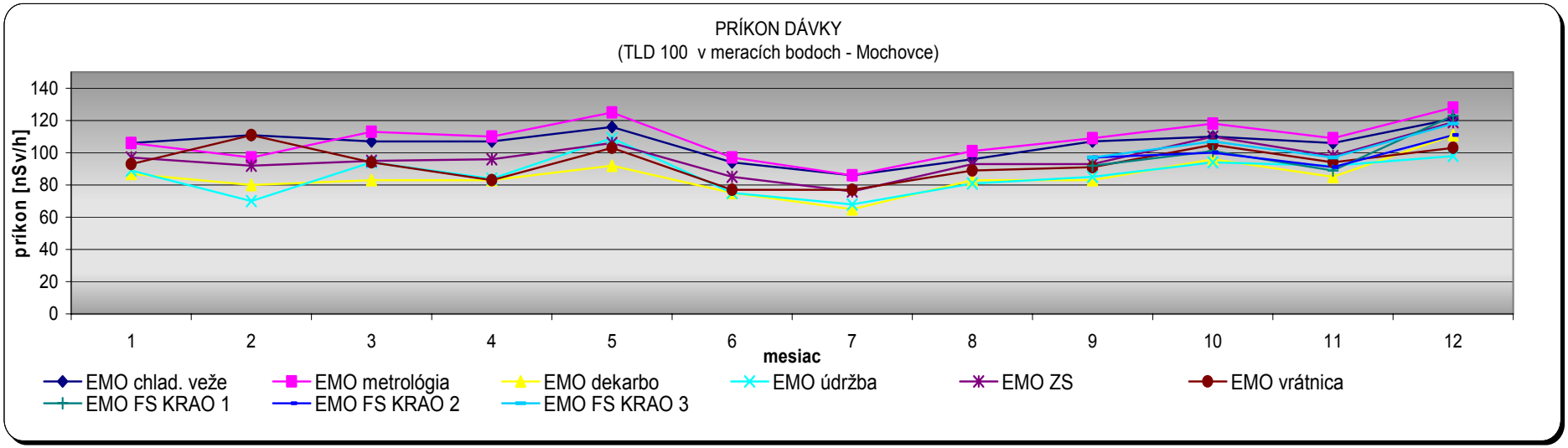


Table 14 Dose rate measured by TLD 100 at the Mochovce measuring points, 2006

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	110 ± 8	109 ± 8	92 ± 7	115 ± 8	95 ± 7	92 ± 7	92 ± 6	110 ± 8	119 ± 9	121 ± 8	118 ± 10	120 ± 8
EMO metrológia	113 ± 8	120 ± 9	111 ± 8	111 ± 8	97 ± 7	98 ± 7	88 ± 6	107 ± 8	85 ± 7	123 ± 9	136 ± 11	133 ± 9
EMO dekarbo	91 ± 7	100 ± 8	75 ± 6	91 ± 7	74 ± 6	75 ± 6	69 ± 5	87 ± 7	93 ± 7	98 ± 7	101 ± 9	111 ± 7
EMO údržba	100 ± 7	94 ± 7	93 ± 7	85 ± 7	91 ± 7	74 ± 6	73 ± 5	85 ± 7	98 ± 7	106 ± 8	110 ± 9	106 ± 7
EMO ZS	100 ± 7	110 ± 8	83 ± 7	95 ± 7	88 ± 7	85 ± 7	87 ± 6	95 ± 7	117 ± 8	120 ± 8	114 ± 9	110 ± 7
EMO vrátnica	99 ± 7	102 ± 8	83 ± 7	85 ± 7	88 ± 7	88 ± 7	79 ± 6	94 ± 7	96 ± 7	103 ± 7	108 ± 9	110 ± 7
EMO FS KRAO 1	100 ± 7	120 ± 9	84 ± 7	98 ± 7	83 ± 7	89 ± 7	78 ± 6	91 ± 7	97 ± 7	114 ± 8	111 ± 9	113 ± 8
EMO FS KRAO 2	95 ± 7	112 ± 8	84 ± 7	90 ± 7	78 ± 6	89 ± 7	73 ± 5	94 ± 7	96 ± 7	107 ± 8	105 ± 9	108 ± 7
EMO FS KRAO 3	104 ± 7	118 ± 9	89 ± 7	101 ± 8	90 ± 7	90 ± 7	79 ± 6	101 ± 8	104 ± 8	118 ± 8	113 ± 9	133 ± 9
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

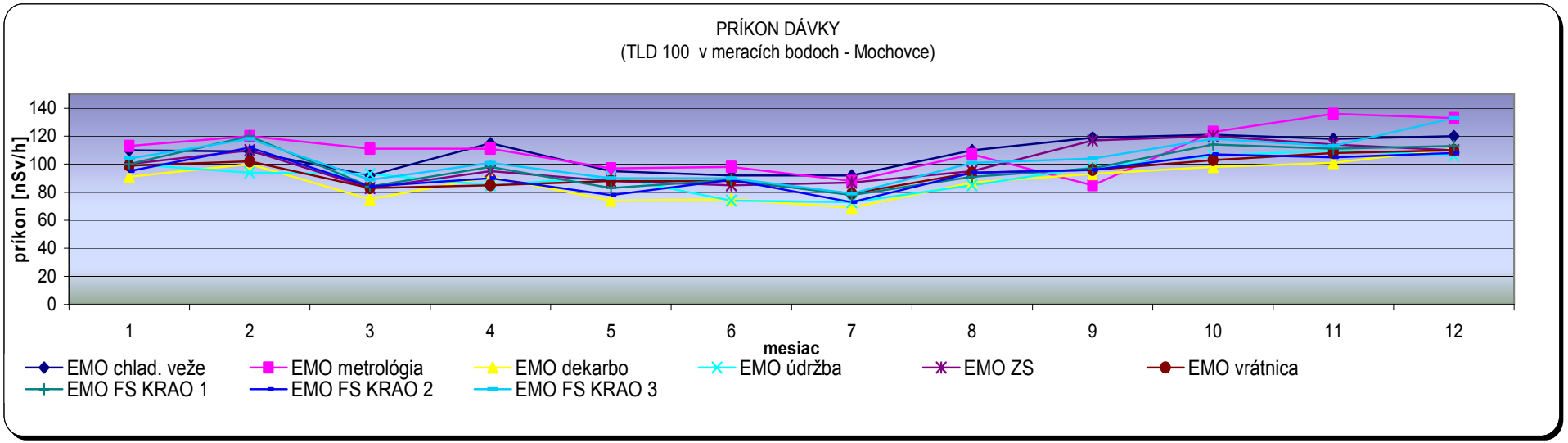


Table 15 Dose rate measured by TLD 100 at the Mochovce measuring points, 2007

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	113 ± 17	123 ± 17	103 ± 18	109 ± 18	103 ± 15	105 ± 15	102 ± 15	114 ± 16	115 ± 17	119 ± 17	104 ± 15	128 ± 21
EMO metrológia	135 ± 19	128 ± 17	146 ± 23	120 ± 19	114 ± 16	111 ± 16	115 ± 16	119 ± 16	126 ± 18	126 ± 18	118 ± 16	130 ± 21
EMO dekarbo	100 ± 15	99 ± 14	94 ± 17	100 ± 17	84 ± 13	82 ± 12	79 ± 12	93 ± 13	99 ± 15	109 ± 16	89 ± 13	105 ± 18
EMO údržba	106 ± 16	96 ± 14	116 ± 20	94 ± 16	84 ± 13	85 ± 13	89 ± 14	92 ± 13	104 ± 16	97 ± 14	87 ± 13	108 ± 18
EMO ZS	116 ± 17	110 ± 16	121 ± 20	117 ± 19	86 ± 13	93 ± 14	91 ± 14	107 ± 15	107 ± 16	115 ± 16	92 ± 13	109 ± 19
EMO vrátnica	106 ± 16	112 ± 16	107 ± 19	101 ± 17	90 ± 13	93 ± 14	89 ± 14	98 ± 14	107 ± 16	107 ± 15	95 ± 14	105 ± 18
EMO FS KRAO 1	107 ± 16	114 ± 16	108 ± 19	95 ± 17	89 ± 13	94 ± 14	85 ± 13	100 ± 14	104 ± 16	105 ± 15	97 ± 14	118 ± 20
EMO FS KRAO 2	105 ± 16	104 ± 15	103 ± 18	90 ± 16	87 ± 13	90 ± 13	86 ± 13	96 ± 14	99 ± 15	102 ± 15	102 ± 14	125 ± 20
EMO FS KRAO 3	113 ± 17	125 ± 17	110 ± 19	105 ± 18	99 ± 14	99 ± 14	85 ± 13	101 ± 14	115 ± 17	125 ± 18	140 ± 19	140 ± 22
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

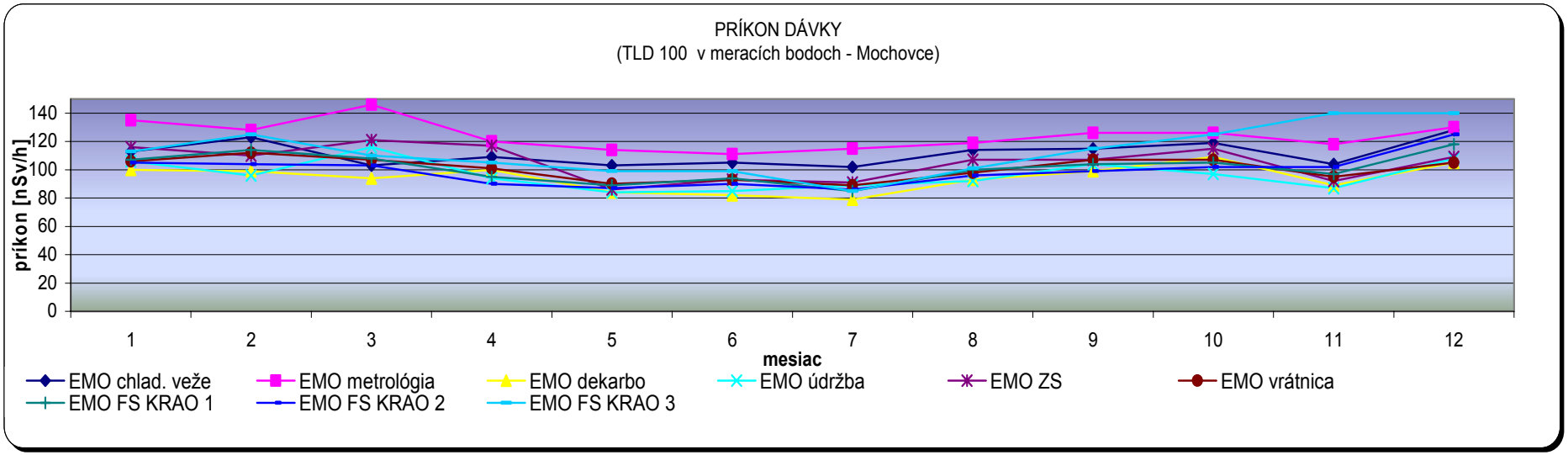


Table 16 Dose rate measured by TLD 100 at the Mochovce measuring points, 2008

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	108 ± 6	103 ± 5	95 ± 5	97 ± 6	97 ± 5	86 ± 5	91 ± 5	94 ± 5	95 ± 5	101 ± 6	108 ± 6	97 ± 6
EMO metrológia	117 ± 6	95 ± 5	92 ± 5	99 ± 6	109 ± 6	90 ± 5	101 ± 5	97 ± 5	105 ± 5	105 ± 6	118 ± 6	99 ± 6
EMO dekarbo	91 ± 5	80 ± 5	70 ± 4	78 ± 5	77 ± 4	69 ± 4	74 ± 4	75 ± 4	78 ± 4	83 ± 5	92 ± 5	83 ± 5
EMO údržba	91 ± 5	82 ± 5	73 ± 4	83 ± 5	81 ± 5	74 ± 4	77 ± 4	82 ± 5	83 ± 5	87 ± 5	93 ± 5	85 ± 5
EMO ZS	97 ± 5	85 ± 5	78 ± 4	86 ± 5	81 ± 5	75 ± 4	80 ± 5	82 ± 5	85 ± 5	90 ± 5	98 ± 5	88 ± 5
EMO vrátnica	98 ± 5	81 ± 5	79 ± 4	81 ± 5	87 ± 5	72 ± 4	83 ± 5	80 ± 4	87 ± 5	88 ± 5	99 ± 5	83 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

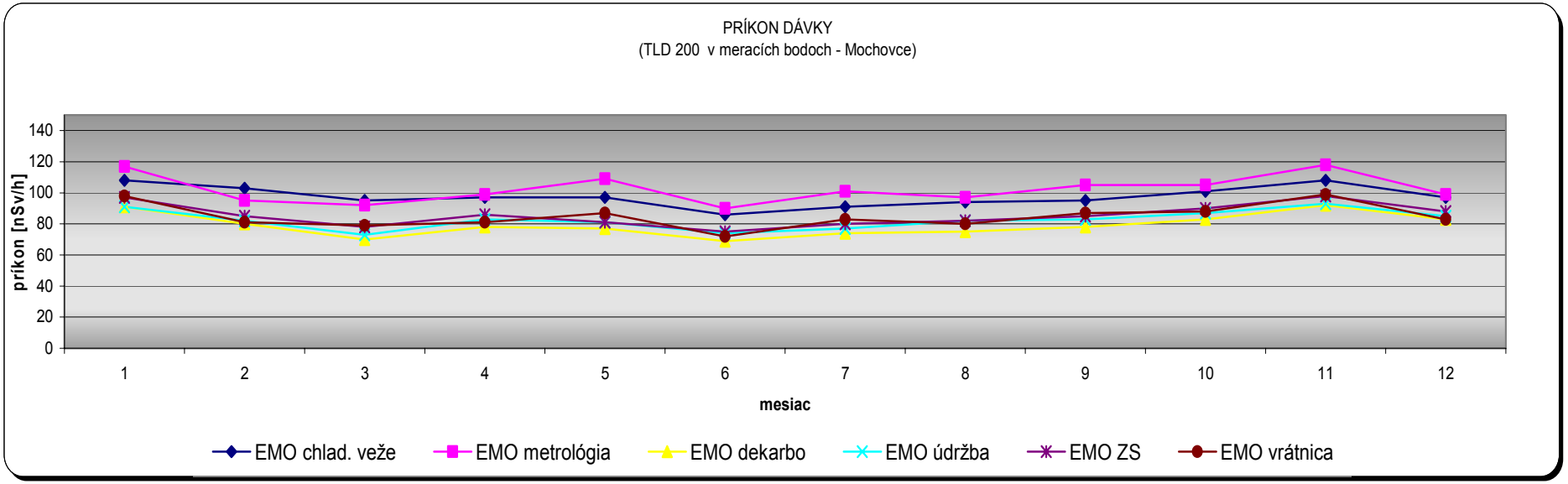


Table 17 Dose rate measured by TLD 200 at the Mochovce measuring points, 2005

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	100 ± 5	86 ± 5	103 ± 5	96 ± 5	106 ± 6	89 ± 5	82 ± 4	99 ± 5	105 ± 5	113 ± 6	107 ± 6	116 ± 6
EMO metrológia	105 ± 5	85 ± 5	113 ± 6	98 ± 5	116 ± 6	88 ± 5	89 ± 5	103 ± 6	114 ± 6	118 ± 6	116 ± 6	123 ± 6
EMO dekarbo	80 ± 4	64 ± 4	84 ± 5	75 ± 4	86 ± 5	68 ± 4	65 ± 4	80 ± 5	86 ± 5	93 ± 5	92 ± 5	99 ± 5
EMO údržba	82 ± 4	68 ± 4	88 ± 5	83 ± 5	89 ± 5	76 ± 4	70 ± 4	86 ± 5	89 ± 5	97 ± 5	91 ± 5	101 ± 5
EMO ZS	88 ± 5	72 ± 4	93 ± 5	83 ± 4	91 ± 5	75 ± 4	71 ± 4	87 ± 5	91 ± 5	99 ± 5	99 ± 5	105 ± 6
EMO vrátnica	88 ± 5	70 ± 4	95 ± 5	81 ± 4	95 ± 5	71 ± 4	74 ± 4	84 ± 5	94 ± 5	100 ± 5	100 ± 5	102 ± 5
EMO FS KRAO 1									86 ± 5	95 ± 5	92 ± 5	98 ± 5
EMO FS KRAO 2									81 ± 4	92 ± 5	87 ± 5	95 ± 5
EMO FS KRAO 3									89 ± 5	101 ± 5	94 ± 5	100 ± 5
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	26

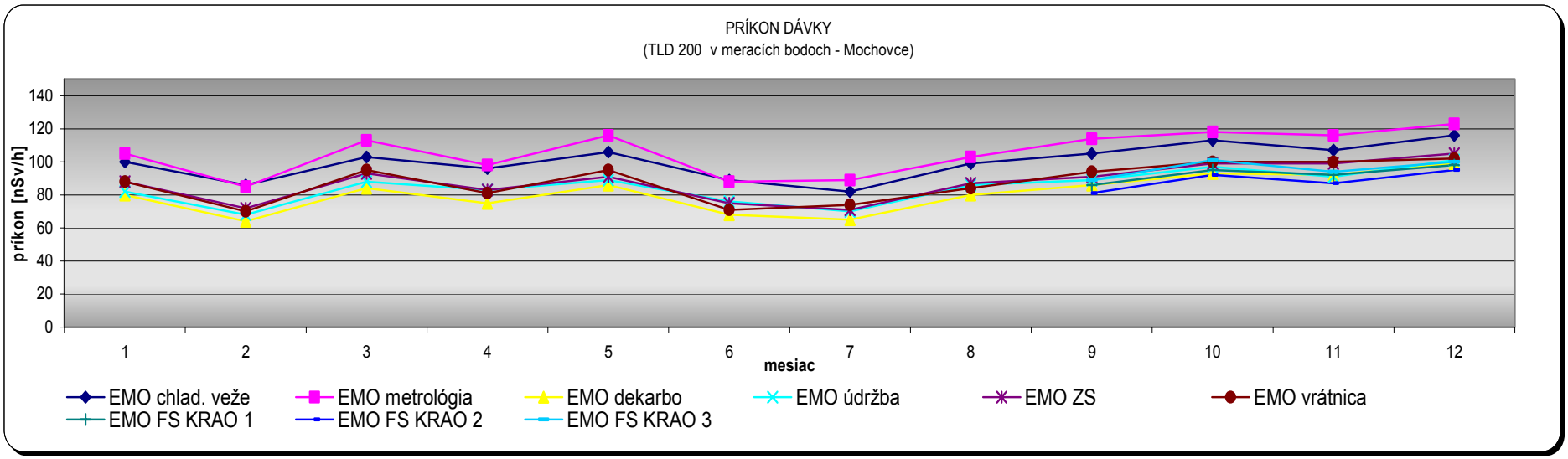


Table 18 Dose rate measured by TLD 200 at the Mochovce measuring points, 2006

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	109 ± 6	108 ± 6	92 ± 5	101 ± 5	94 ± 5	93 ± 5	90 ± 5	110 ± 8	121 ± 6	112 ± 6	116 ± 6	118 ± 6
EMO metrológia	121 ± 6	113 ± 6	107 ± 5	104 ± 5	102 ± 5	95 ± 5	97 ± 5	107 ± 8	87 ± 5	119 ± 6	134 ± 7	125 ± 6
EMO dekarbo	93 ± 5	90 ± 5	83 ± 4	79 ± 4	77 ± 4	72 ± 4	72 ± 4	87 ± 7	90 ± 5	92 ± 5	99 ± 5	99 ± 5
EMO údržba	94 ± 5	92 ± 5	90 ± 5	87 ± 5	80 ± 4	79 ± 5	75 ± 4	85 ± 7	94 ± 5	97 ± 5	99 ± 5	103 ± 5
EMO ZS	101 ± 5	97 ± 5	85 ± 5	85 ± 5	84 ± 5	79 ± 5	80 ± 4	95 ± 7	106 ± 5	101 ± 5	106 ± 6	107 ± 6
EMO vrátnica	101 ± 5	96 ± 5	91 ± 5	88 ± 5	88 ± 5	79 ± 5	79 ± 4	94 ± 7	97 ± 5	100 ± 5	108 ± 6	104 ± 5
EMO FS KRAO 1	95 ± 5	92 ± 5	99 ± 5	84 ± 5	80 ± 4	75 ± 4	76 ± 4	91 ± 7	93 ± 5	96 ± 5	100 ± 5	105 ± 5
EMO FS KRAO 2	90 ± 5	89 ± 5	97 ± 5	80 ± 4	77 ± 4	72 ± 4	70 ± 4	94 ± 7	87 ± 5	93 ± 5	95 ± 5	104 ± 5
EMO FS KRAO 3	95 ± 5	93 ± 5	100 ± 5	86 ± 5	83 ± 4	76 ± 4	75 ± 4	101 ± 8	96 ± 5	100 ± 5	104 ± 5	120 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

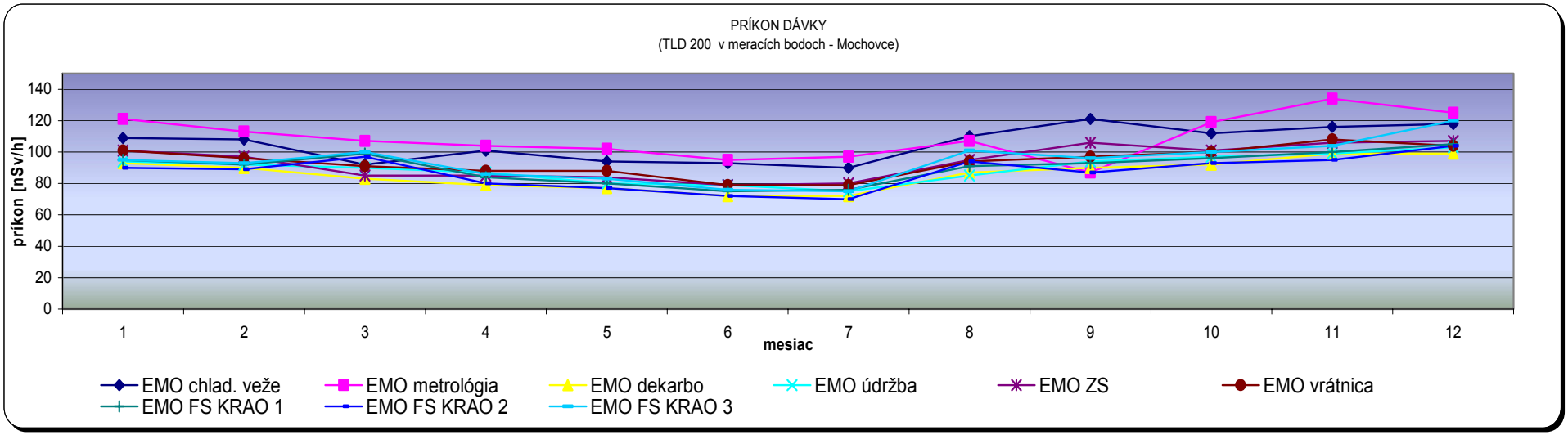


Table 19 Dose rate measured by TLD 200 at the Mochovce measuring points, 2007

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - Mochovce)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
EMO chlad. veže	115 ± 12	110 ± 11	112 ± 11	101 ± 10	103 ± 11	97 ± 10	93 ± 10	99 ± #	109 ± 11	109 ± 11	101 ± 10	119 ± 13
EMO metrológia	128 ± 13	116 ± 12	128 ± 13	107 ± 11	112 ± 11	98 ± 10	103 ± 10	103 ± #	121 ± 12	116 ± 12	114 ± 11	125 ± 14
EMO dekarbo	99 ± 10	91 ± 10	98 ± 10	85 ± 9	83 ± 9	74 ± 8	74 ± 8	78 ± 8	92 ± 10	92 ± 10	88 ± 9	100 ± 12
EMO údržba	99 ± 10	97 ± 10	97 ± 10	90 ± 10	86 ± 9	82 ± 9	78 ± 9	84 ± 9	94 ± 10	95 ± 10	87 ± 9	104 ± 12
EMO ZS	107 ± 11	101 ± 10	105 ± 11	92 ± 10	88 ± 9	82 ± 9	80 ± 9	85 ± 9	99 ± 10	99 ± 10	92 ± 10	107 ± 12
EMO vrátnica	106 ± 11	99 ± 10	104 ± 11	91 ± 10	92 ± 10	83 ± 9	82 ± 9	86 ± 9	102 ± 11	100 ± 10	93 ± 10	104 ± 12
EMO FS KRAO 1	102 ± 10	98 ± 10	99 ± 10	91 ± 10	86 ± 9	82 ± 9	79 ± 9	86 ± 9	95 ± 10	99 ± 10	92 ± 10	107 ± 12
EMO FS KRAO 2	99 ± 10	98 ± 10	95 ± 10	89 ± 10	83 ± 9	81 ± 9	74 ± 8	87 ± 9	89 ± 9	99 ± 10	97 ± 10	109 ± 12
EMO FS KRAO 3	105 ± 11	113 ± 11	103 ± 11	105 ± 11	94 ± 10	94 ± 10	78 ± 8	96 ± #	103 ± 11	127 ± 12	138 ± 13	145 ± 15
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

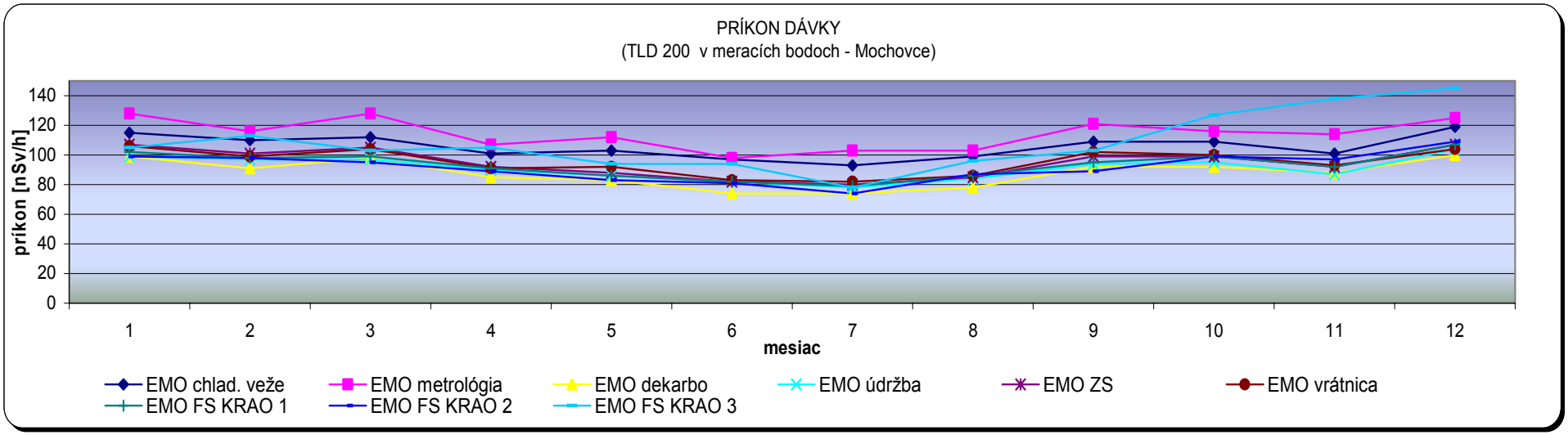


Table 20 Dose rate measured by TLD 200 at the Mochovce measuring points, 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	195 ± 10	181 ± 6	82 ± 4	75 ± 2
Levice	174 ± 9	190 ± 6	72 ± 4	78 ± 3
Kalná n/ Hronom	168 ± 9	186 ± 6	70 ± 4	76 ± 2
Nový Tekov	191 ± 10	201 ± 6	79 ± 4	82 ± 3
M. Kozmálovce	209 ± 10	211 ± 7	85 ± 4	86 ± 3
Veľký Ďur	215 ± 11	205 ± 7	88 ± 4	82 ± 3
Čifáre	212 ± 11	178 ± 6	87 ± 4	72 ± 2
Vráble	185 ± 10	206 ± 7	77 ± 4	84 ± 3
Tajná	212 ± 10	204 ± 6	89 ± 4	83 ± 3
Č. Hrádok	191 ± 10	193 ± 6	80 ± 4	79 ± 3
Nemčiňany	216 ± 11	212 ± 7	90 ± 4	86 ± 3
Zlaté Moravce	201 ± 10	195 ± 6	84 ± 4	80 ± 3
Kozárovce	221 ± 11	220 ± 7	92 ± 4	90 ± 3
Rybník	171 ± 9	196 ± 6	70 ± 4	81 ± 3
RÚ RAO 1	175 ± 9	181 ± 6	73 ± 4	74 ± 2
RÚ RAO 2	195 ± 10	199 ± 6	82 ± 4	81 ± 3
RÚ RAO 3	193 ± 10	192 ± 6	81 ± 4	78 ± 3
RÚ RAO 4	194 ± 10	200 ± 6	81 ± 4	82 ± 3
RÚ RAO SDS	160 ± 9	157 ± 6	64 ± 4	66 ± 2
EMO SDS	243 ± 11	218 ± 7	101 ± 5	89 ± 3
EMO chlad. veže	255 ± 12	245 ± 7	107 ± 5	102 ± 3
EMO metrológia	241 ± 11	245 ± 8	101 ± 5	100 ± 3
EMO dekarbo	189 ± 10	193 ± 6	79 ± 4	79 ± 3
EMO údržba	199 ± 10	197 ± 6	84 ± 4	81 ± 3
EMO ZS	236 ± 11	209 ± 7	99 ± 5	86 ± 3
EMO vrátnica	212 ± 10	208 ± 7	89 ± 4	85 ± 3

Table 21 Average doses and rates for the Ist quarter of 2005

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	176 ± 9	175 ± 6	70 ± 4	69 ± 2
Levice	187 ± 9	193 ± 6	74 ± 4	75 ± 2
Kalná n/ Hronom	175 ± 9	183 ± 6	68 ± 4	70 ± 2
Nový Tekov	210 ± 10	202 ± 7	84 ± 4	79 ± 3
M. Kozmálovce	207 ± 10	210 ± 7	80 ± 4	83 ± 3
Veľký Ďur	202 ± 10	209 ± 7	79 ± 4	81 ± 3
Čifáre	201 ± 10	186 ± 6	76 ± 4	71 ± 2
Vráble	197 ± 10	207 ± 7	77 ± 4	80 ± 3
Tajná	203 ± 10	204 ± 7	78 ± 4	79 ± 3
Č. Hrádok	187 ± 9	193 ± 6	75 ± 4	75 ± 2
Nemčiňany	224 ± 11	221 ± 7	89 ± 4	86 ± 3
Zlaté Moravce	204 ± 10	201 ± 6	81 ± 4	79 ± 3
Kozárovce	232 ± 11	226 ± 7	92 ± 4	87 ± 3
Rybník	210 ± 10	219 ± 7	83 ± 4	85 ± 3
RÚ RAO 1	152 ± 8	172 ± 6	60 ± 3	67 ± 2
RÚ RAO 2	176 ± 9	187 ± 6	69 ± 4	73 ± 2
RÚ RAO 3	176 ± 9	188 ± 6	69 ± 4	72 ± 2
RÚ RAO 4	199 ± 10	205 ± 7	79 ± 4	80 ± 3
RÚ RAO SDS	205 ± 10	191 ± 6	78 ± 4	75 ± 2
EMO SDS	223 ± 11	213 ± 7	86 ± 4	81 ± 3
EMO chlad. veže	272 ± 12	244 ± 8	108 ± 5	96 ± 3
EMO metrológia	266 ± 12	257 ± 8	106 ± 5	99 ± 3
EMO dekarbo	211 ± 10	193 ± 6	83 ± 4	75 ± 2
EMO údržba	215 ± 10	201 ± 6	85 ± 4	78 ± 3
EMO ZS	239 ± 11	214 ± 7	95 ± 4	83 ± 3
EMO vrátnica	248 ± 11	214 ± 7	97 ± 4	83 ± 3

Table 22 Average doses and rates for the Ist quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	171 ± 8	176 ± 6	71 ± 3	74 ± 2
Levice	192 ± 9	200 ± 6	81 ± 4	85 ± 3
Kalná n/ Hronom	187 ± 9	199 ± 6	80 ± 4	84 ± 3
Nový Tekov	208 ± 9	213 ± 7	88 ± 4	90 ± 3
M. Kozmálovce	225 ± 10	226 ± 7	95 ± 4	96 ± 3
Veľký Ďúr	225 ± 10	238 ± 7	95 ± 4	101 ± 3
Čifáre	221 ± 10	207 ± 6	94 ± 4	88 ± 3
Vráble	208 ± 9	220 ± 7	88 ± 4	93 ± 3
Tajná	223 ± 10	222 ± 7	95 ± 4	94 ± 3
Č. Hrádok	199 ± 9	202 ± 6	82 ± 4	86 ± 3
Nemčiňany	247 ± 10	234 ± 7	105 ± 4	99 ± 3
Zlaté Moravce	227 ± 10	218 ± 7	96 ± 4	93 ± 3
Kozárovce	238 ± 10	239 ± 7	98 ± 4	101 ± 3
Rybník	222 ± 10	228 ± 7	94 ± 4	96 ± 3
RÚ RAO 1	180 ± 8	202 ± 6	75 ± 4	86 ± 3
RÚ RAO 2	213 ± 9	224 ± 7	90 ± 4	95 ± 3
RÚ RAO 3	190 ± 9	210 ± 6	80 ± 4	89 ± 3
RÚ RAO 4	203 ± 9	217 ± 7	85 ± 4	92 ± 3
RÚ RAO SDS	205 ± 9	209 ± 6	87 ± 4	89 ± 3
EMO SDS	241 ± 10	235 ± 7	101 ± 4	100 ± 3
EMO chlad. veže	243 ± 10	242 ± 7	103 ± 4	102 ± 3
EMO metrológia	269 ± 11	268 ± 8	114 ± 5	113 ± 3
EMO dekarbo	207 ± 9	208 ± 6	87 ± 4	88 ± 3
EMO údržba	225 ± 10	216 ± 7	96 ± 4	92 ± 3
EMO ZS	228 ± 10	222 ± 7	96 ± 4	94 ± 3
EMO vrátnica	222 ± 10	226 ± 7	94 ± 4	96 ± 3
EMO FS KRAO 1	236 ± 10	225 ± 7	98 ± 4	95 ± 3
EMO FS KRAO 2	226 ± 10	217 ± 7	95 ± 4	92 ± 3
EMO FS KRAO 3	242 ± 10	226 ± 7	102 ± 4	96 ± 3

Table 23 Average doses and rates for the Ist quarter of 2007

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA I. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	184 ± 18	190 ± 12	78 ± 8	79 ± 5
Levice	209 ± 20	220 ± 14	89 ± 8	92 ± 6
Kalná n/ Hronom	211 ± 21	220 ± 14	88 ± 8	91 ± 6
Nový Tekov	216 ± 21	234 ± 14	92 ± 9	98 ± 6
M. Kozmálovce	243 ± 23	245 ± 15	100 ± 9	103 ± 6
Veľký Ďúr	244 ± 23	259 ± 16	102 ± 9	109 ± 6
Čifáre	228 ± 22	221 ± 14	95 ± 9	93 ± 6
Vráble	219 ± 21	241 ± 15	92 ± 9	101 ± 6
Tajná	237 ± 22	236 ± 14	100 ± 9	99 ± 6
Č. Hrádok	212 ± 20	221 ± 14	89 ± 8	93 ± 6
Nemčiňany	261 ± 24	257 ± 15	109 ± 10	108 ± 6
Zlaté Moravce	237 ± 22	231 ± 14	99 ± 9	97 ± 6
Kozárovce	257 ± 24	256 ± 15	107 ± 10	107 ± 6
Rybník	237 ± 22	248 ± 15	99 ± 9	103 ± 6
RÚ RAO 1	201 ± 20	216 ± 13	85 ± 8	90 ± 6
RÚ RAO 2	232 ± 22	242 ± 15	97 ± 9	101 ± 6
RÚ RAO 3	209 ± 20	227 ± 14	87 ± 8	95 ± 6
RÚ RAO 4	226 ± 21	236 ± 14	95 ± 9	99 ± 6
RÚ RAO SDS	221 ± 21	221 ± 14	91 ± 8	93 ± 6
EMO SDS	281 ± 25	260 ± 16	116 ± 10	108 ± 6
EMO chlad. veže	268 ± 24	268 ± 16	113 ± 10	112 ± 7
EMO metrológia	324 ± 28	296 ± 17	135 ± 11	124 ± 7
EMO dekarbo	233 ± 22	229 ± 14	98 ± 9	96 ± 6
EMO údržba	252 ± 23	232 ± 14	104 ± 9	98 ± 6
EMO ZS	275 ± 25	249 ± 15	115 ± 10	104 ± 6
EMO vrátnica	257 ± 23	246 ± 15	109 ± 10	103 ± 6
EMO FS KRAO 1	260 ± 23	238 ± 14	110 ± 10	100 ± 6
EMO FS KRAO 2	247 ± 23	232 ± 14	104 ± 9	97 ± 6
EMO FS KRAO 3	274 ± 24	253 ± 15	116 ± 10	107 ± 6

Table 24 Average doses and rates for the Ist quarter of 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA II. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [µSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	139 ± 7	133 ± 5	68 ± 4	65 ± 2
Levice	149 ± 8	147 ± 5	73 ± 4	72 ± 2
Kalná n/ Hronom	138 ± 7	139 ± 5	67 ± 4	68 ± 2
Nový Tekov	157 ± 8	162 ± 5	77 ± 4	79 ± 3
M. Kozmálovce	153 ± 8	168 ± 6	75 ± 4	82 ± 3
Veľký Ďur	179 ± 9	170 ± 6	87 ± 4	83 ± 3
Čifáre	160 ± 8	148 ± 5	78 ± 4	72 ± 2
Vráble	146 ± 7	159 ± 5	72 ± 4	78 ± 3
Tajná	158 ± 8	158 ± 5	77 ± 4	77 ± 3
Č. Hrádok	160 ± 8	153 ± 5	76 ± 4	75 ± 3
Nemčiňany	189 ± 9	178 ± 6	91 ± 4	87 ± 3
Zlaté Moravce	175 ± 8	162 ± 5	84 ± 4	79 ± 3
Kozárovce	196 ± 9	177 ± 6	94 ± 4	87 ± 3
Rybník	173 ± 8	176 ± 6	84 ± 4	86 ± 3
RÚ RAO 1	144 ± 7	154 ± 5	70 ± 4	76 ± 3
RÚ RAO 2	159 ± 8	167 ± 6	78 ± 4	82 ± 3
RÚ RAO 3	162 ± 8	163 ± 5	79 ± 4	80 ± 3
RÚ RAO 4	170 ± 8	172 ± 6	83 ± 4	84 ± 3
RÚ RAO SDS	159 ± 8	151 ± 5	78 ± 4	74 ± 3
EMO SDS	191 ± 9	173 ± 6	91 ± 4	85 ± 3
EMO chlad. veže	220 ± 10	190 ± 6	102 ± 5	93 ± 3
EMO metrológia	207 ± 9	202 ± 6	101 ± 5	98 ± 3
EMO dekarbo	162 ± 8	152 ± 5	78 ± 4	74 ± 3
EMO údržba	164 ± 8	161 ± 5	79 ± 4	79 ± 3
EMO ZS	202 ± 9	164 ± 6	93 ± 4	80 ± 3
EMO vrátnica	185 ± 9	162 ± 5	87 ± 4	79 ± 3

Table 25 Average doses and rates for the IInd quarter of 2005

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA II. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	154 ± 7	144 ± 5	71 ± 3	66 ± 2
Levice	172 ± 8	158 ± 5	80 ± 4	73 ± 2
Kalná n/ Hronom	161 ± 8	153 ± 5	74 ± 4	70 ± 2
Nový Tekov	177 ± 8	171 ± 6	82 ± 4	79 ± 3
M. Kozmálovce	172 ± 8	181 ± 6	80 ± 4	84 ± 3
Veľký Ďur	184 ± 8	191 ± 6	85 ± 4	88 ± 3
Čifáre	168 ± 8	164 ± 5	77 ± 4	76 ± 2
Vráble	168 ± 8	174 ± 6	77 ± 4	80 ± 3
Tajná	170 ± 8	171 ± 6	78 ± 4	79 ± 3
Č. Hrádok	161 ± 8	166 ± 5	74 ± 3	76 ± 2
Nemčiňany	194 ± 9	189 ± 6	90 ± 4	88 ± 3
Zlaté Moravce	178 ± 8	175 ± 6	82 ± 4	81 ± 3
Kozárovce	195 ± 9	186 ± 6	89 ± 4	86 ± 3
Rybník	178 ± 8	184 ± 6	82 ± 4	85 ± 3
RÚ RAO 1	156 ± 7	167 ± 5	72 ± 3	77 ± 3
RÚ RAO 2	180 ± 8	184 ± 6	83 ± 4	85 ± 3
RÚ RAO 3	168 ± 8	175 ± 6	77 ± 4	81 ± 3
RÚ RAO 4	180 ± 8	188 ± 6	83 ± 4	87 ± 3
RÚ RAO SDS	170 ± 8	163 ± 5	77 ± 4	75 ± 2
EMO SDS	202 ± 9	188 ± 6	91 ± 4	86 ± 3
EMO chlad. veže	226 ± 10	208 ± 6	103 ± 4	96 ± 3
EMO metrológia	237 ± 10	215 ± 7	107 ± 5	98 ± 3
EMO dekarbo	179 ± 8	163 ± 5	81 ± 4	75 ± 2
EMO údržba	190 ± 9	177 ± 6	84 ± 4	82 ± 3
EMO ZS	205 ± 9	178 ± 6	93 ± 4	82 ± 3
EMO vrátnica	187 ± 9	176 ± 6	84 ± 4	80 ± 3

Table 26 Average doses and rates for the IInd quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA II. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	132 ± 7	130 ± 5	64 ± 3	64 ± 2
Levice	154 ± 7	150 ± 5	75 ± 4	74 ± 2
Kalná n/ Hronom	146 ± 7	146 ± 5	71 ± 3	72 ± 2
Nový Tekov	169 ± 8	164 ± 5	83 ± 4	80 ± 3
M. Kozmálovce	162 ± 8	171 ± 5	79 ± 4	84 ± 3
Veľký Ďúr	172 ± 8	181 ± 6	84 ± 4	89 ± 3
Čifáre	164 ± 8	155 ± 5	81 ± 4	76 ± 2
Vráble	159 ± 7	163 ± 5	78 ± 4	80 ± 3
Tajná	165 ± 8	164 ± 5	81 ± 4	80 ± 3
Č. Hrádok	158 ± 7	158 ± 5	77 ± 4	78 ± 3
Nemčiňany	188 ± 8	183 ± 6	92 ± 4	90 ± 3
Zlaté Moravce	177 ± 8	167 ± 5	87 ± 4	82 ± 3
Kozárovce	189 ± 8	179 ± 6	93 ± 4	88 ± 3
Rybník	172 ± 8	179 ± 6	84 ± 4	88 ± 3
RÚ RAO 1	149 ± 7	160 ± 5	73 ± 3	79 ± 3
RÚ RAO 2	167 ± 8	175 ± 6	82 ± 4	86 ± 3
RÚ RAO 3	155 ± 7	166 ± 5	76 ± 4	81 ± 3
RÚ RAO 4	167 ± 8	178 ± 6	82 ± 4	87 ± 3
RÚ RAO SDS	166 ± 8	156 ± 5	81 ± 4	77 ± 2
EMO SDS	183 ± 8	177 ± 6	90 ± 4	87 ± 3
EMO chlad. veže	205 ± 9	196 ± 6	99 ± 4	96 ± 3
EMO metrológia	208 ± 9	204 ± 6	101 ± 4	100 ± 3
EMO dekarbo	163 ± 8	155 ± 5	79 ± 4	76 ± 2
EMO údržba	170 ± 8	167 ± 5	83 ± 4	82 ± 3
EMO ZS	182 ± 8	168 ± 5	89 ± 4	83 ± 3
EMO vrátnica	178 ± 8	173 ± 5	87 ± 4	85 ± 3
EMO FS KRAO 1	183 ± 8	162 ± 5	89 ± 4	80 ± 3
EMO FS KRAO 2	175 ± 8	155 ± 5	85 ± 4	76 ± 2
EMO FS KRAO 3	191 ± 8	166 ± 5	93 ± 4	82 ± 3

Table 27 Average doses and rates for the IInd quarter of 2007

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA II. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [µSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	161 ± 16	144 ± 10	75 ± 7	67 ± 5
Levice	182 ± 17	164 ± 11	85 ± 8	76 ± 5
Kalná n/ Hronom	174 ± 16	158 ± 10	81 ± 7	73 ± 5
Nový Tekov	197 ± 18	180 ± 11	91 ± 8	84 ± 5
M. Kozmálovce	186 ± 17	187 ± 12	87 ± 8	87 ± 5
Veľký Ďúr	207 ± 19	202 ± 12	97 ± 9	94 ± 6
Čifáre	194 ± 18	168 ± 11	90 ± 8	78 ± 5
Vráble	188 ± 17	179 ± 11	88 ± 8	83 ± 5
Tajná	191 ± 18	179 ± 11	86 ± 8	83 ± 5
Č. Hrádok	190 ± 18	173 ± 11	87 ± 8	81 ± 5
Nemčiňany	212 ± 19	201 ± 12	98 ± 9	94 ± 6
Zlaté Moravce	196 ± 18	183 ± 11	91 ± 8	85 ± 5
Kozárovce	231 ± 20	198 ± 12	104 ± 9	92 ± 6
Rybník	204 ± 18	192 ± 12	94 ± 8	90 ± 6
RÚ RAO 1	175 ± 16	176 ± 11	82 ± 8	82 ± 5
RÚ RAO 2	197 ± 18	193 ± 12	92 ± 8	90 ± 6
RÚ RAO 3	182 ± 17	185 ± 12	85 ± 8	86 ± 5
RÚ RAO 4	193 ± 18	195 ± 12	90 ± 8	91 ± 6
RÚ RAO SDS	183 ± 17	170 ± 11	85 ± 8	79 ± 5
EMO SDS	218 ± 19	196 ± 12	100 ± 9	91 ± 6
EMO chlad. veže	225 ± 20	215 ± 13	105 ± 9	100 ± 6
EMO metrológia	246 ± 21	227 ± 14	114 ± 10	105 ± 6
EMO dekarbo	189 ± 17	173 ± 11	87 ± 8	80 ± 5
EMO údržba	187 ± 17	184 ± 11	87 ± 8	86 ± 5
EMO ZS	209 ± 19	187 ± 12	95 ± 8	87 ± 5
EMO vrátnica	202 ± 18	190 ± 12	94 ± 8	88 ± 5
EMO FS KRAO 1	197 ± 18	184 ± 12	92 ± 8	86 ± 5
EMO FS KRAO 2	190 ± 17	180 ± 11	89 ± 8	84 ± 5
EMO FS KRAO 3	215 ± 19	208 ± 13	100 ± 9	97 ± 6

Table 28 Average doses and rates for the IInd quarter of 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [µSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	152 ± 8	149 ± 5	66 ± 4	65 ± 2
Levice	164 ± 9	168 ± 6	71 ± 4	73 ± 2
Kalná n/ Hronom	149 ± 8	166 ± 6	65 ± 3	72 ± 2
Nový Tekov	186 ± 10	188 ± 6	81 ± 4	82 ± 3
M. Kozmálovce	179 ± 9	191 ± 6	79 ± 4	83 ± 3
Veľký Ďur	205 ± 10	200 ± 6	88 ± 4	87 ± 3
Čifáre	176 ± 9	171 ± 6	76 ± 4	75 ± 2
Vráble	168 ± 9	186 ± 6	74 ± 4	81 ± 3
Tajná	178 ± 9	184 ± 6	79 ± 4	80 ± 3
Č. Hrádok	167 ± 9	176 ± 6	72 ± 4	77 ± 3
Nemčiňany	188 ± 10	199 ± 6	82 ± 4	87 ± 3
Zlaté Moravce	172 ± 9	183 ± 6	73 ± 4	79 ± 3
Kozárovce	200 ± 10	203 ± 6	87 ± 4	89 ± 3
Rybník	190 ± 10	197 ± 6	83 ± 4	86 ± 3
RÚ RAO 1	154 ± 9	172 ± 6	67 ± 4	75 ± 2
RÚ RAO 2	179 ± 9	192 ± 6	77 ± 4	84 ± 3
RÚ RAO 3	173 ± 9	185 ± 6	75 ± 4	81 ± 3
RÚ RAO 4	180 ± 9	189 ± 6	77 ± 4	83 ± 3
RÚ RAO SDS	184 ± 9	172 ± 6	80 ± 4	75 ± 2
EMO SDS	204 ± 10	202 ± 6	90 ± 4	88 ± 3
EMO chlad. veže	222 ± 11	213 ± 7	97 ± 4	93 ± 3
EMO metrológia	228 ± 11	230 ± 7	99 ± 5	101 ± 3
EMO dekarbo	182 ± 9	173 ± 6	77 ± 4	76 ± 2
EMO údržba	182 ± 9	184 ± 6	80 ± 4	81 ± 3
EMO ZS	209 ± 10	188 ± 6	92 ± 4	82 ± 3
EMO vrátnica	200 ± 10	190 ± 6	87 ± 4	83 ± 3

Table 29 Average doses and rates for the IIIrd quarter of 2005

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	148 ± 7	150 ± 5	67 ± 3	67 ± 2
Levice	161 ± 7	165 ± 6	73 ± 3	74 ± 2
Kalná n/ Hronom	155 ± 7	166 ± 6	71 ± 3	75 ± 2
Nový Tekov	178 ± 8	178 ± 6	80 ± 3	79 ± 3
M. Kozmálovce	175 ± 8	186 ± 6	78 ± 3	82 ± 3
Veľký Ďur	183 ± 8	199 ± 6	83 ± 3	89 ± 3
Čifáre	166 ± 7	169 ± 6	74 ± 3	76 ± 3
Vráble	173 ± 7	187 ± 6	78 ± 3	84 ± 3
Tajná	171 ± 7	183 ± 6	77 ± 3	82 ± 3
Č. Hrádok	165 ± 7	173 ± 6	74 ± 3	78 ± 3
Nemčiňany	187 ± 8	195 ± 6	84 ± 4	87 ± 3
Zlaté Moravce	176 ± 8	179 ± 6	78 ± 3	80 ± 3
Kozárovce	206 ± 9	203 ± 6	93 ± 4	91 ± 3
Rybník	183 ± 8	193 ± 6	82 ± 3	86 ± 3
RÚ RAO 1	158 ± 7	173 ± 6	71 ± 3	77 ± 3
RÚ RAO 2	182 ± 8	188 ± 6	81 ± 3	84 ± 3
RÚ RAO 3	173 ± 8	183 ± 6	78 ± 3	82 ± 3
RÚ RAO 4	177 ± 8	189 ± 6	80 ± 3	84 ± 3
RÚ RAO SDS	184 ± 8	170 ± 6	84 ± 4	76 ± 2
EMO SDS	196 ± 8	193 ± 6	89 ± 4	86 ± 3
EMO chlad. veže	212 ± 9	210 ± 7	95 ± 4	94 ± 3
EMO metrológia	218 ± 9	225 ± 7	97 ± 4	100 ± 3
EMO dekarbo	170 ± 7	170 ± 6	75 ± 3	75 ± 2
EMO údržba	172 ± 8	180 ± 6	77 ± 3	80 ± 3
EMO ZS	193 ± 8	183 ± 6	86 ± 4	81 ± 3
EMO vrátnica	188 ± 8	185 ± 6	85 ± 4	83 ± 3

Table 30 Average doses and rates for the IIIrd quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	159 ± 8	153 ± 5	67 ± 3	65 ± 2
Levice	183 ± 8	179 ± 6	78 ± 3	76 ± 2
Kalná n/ Hronom	191 ± 9	180 ± 6	81 ± 4	76 ± 2
Nový Tekov	216 ± 9	198 ± 6	91 ± 4	84 ± 3
M. Kozmálovce	214 ± 9	205 ± 6	90 ± 4	87 ± 3
Veľký Ďúr	224 ± 10	217 ± 7	95 ± 4	92 ± 3
Čifáre	206 ± 9	184 ± 6	88 ± 4	79 ± 3
Vráble	201 ± 9	203 ± 6	86 ± 4	86 ± 3
Tajná	200 ± 9	200 ± 6	85 ± 4	84 ± 3
Č. Hrádok	188 ± 9	191 ± 6	79 ± 4	81 ± 3
Nemčiňany	216 ± 9	216 ± 7	91 ± 4	92 ± 3
Zlaté Moravce	195 ± 9	192 ± 6	81 ± 4	81 ± 3
Kozárovce	222 ± 10	219 ± 7	94 ± 4	93 ± 3
Rybník	217 ± 9	216 ± 7	91 ± 4	92 ± 3
RÚ RAO 1	173 ± 8	190 ± 6	74 ± 3	81 ± 3
RÚ RAO 2	195 ± 9	205 ± 6	82 ± 4	88 ± 3
RÚ RAO 3	188 ± 9	206 ± 6	79 ± 4	88 ± 3
RÚ RAO 4	198 ± 9	209 ± 6	84 ± 4	90 ± 3
RÚ RAO SDS	196 ± 9	183 ± 6	83 ± 4	78 ± 2
EMO SDS	223 ± 10	213 ± 7	93 ± 4	90 ± 3
EMO chlad. veže	250 ± 11	244 ± 7	104 ± 4	102 ± 3
EMO metrológia	215 ± 9	221 ± 7	92 ± 4	95 ± 3
EMO dekarbo	193 ± 9	189 ± 6	80 ± 4	80 ± 3
EMO údržba	200 ± 9	198 ± 6	83 ± 4	84 ± 3
EMO ZS	234 ± 10	213 ± 7	97 ± 4	89 ± 3
EMO vrátnica	209 ± 9	206 ± 6	88 ± 4	87 ± 3
EMO FS KRAO 1	207 ± 9	195 ± 6	87 ± 4	82 ± 3
EMO FS KRAO 2	204 ± 9	183 ± 6	85 ± 4	77 ± 2
EMO FS KRAO 3	220 ± 10	199 ± 6	92 ± 4	84 ± 3

Table 31 Average doses and rates for the IIIrd quarter of 2007

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA III. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [µSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	159 ± 15	147 ± 10	72 ± 7	66 ± 4
Levice	182 ± 16	170 ± 11	82 ± 7	77 ± 5
Kalná n/ Hronom	181 ± 16	171 ± 11	82 ± 7	76 ± 5
Nový Tekov	203 ± 18	186 ± 12	91 ± 8	83 ± 5
M. Kozmálovce	213 ± 18	196 ± 12	96 ± 8	89 ± 5
Veľký Ďúr	217 ± 19	209 ± 13	99 ± 8	94 ± 6
Čifáre	192 ± 17	173 ± 11	87 ± 8	78 ± 5
Vráble	198 ± 17	193 ± 12	90 ± 8	86 ± 5
Tajná	205 ± 18	190 ± 12	93 ± 8	85 ± 5
Č. Hrádok	192 ± 17	182 ± 11	87 ± 8	82 ± 5
Nemčiňany	232 ± 20	204 ± 12	105 ± 9	92 ± 6
Zlaté Moravce	212 ± 18	186 ± 12	95 ± 8	84 ± 5
Kozárovce	239 ± 20	211 ± 13	108 ± 9	95 ± 6
Rybník	221 ± 19	206 ± 12	100 ± 9	93 ± 6
RÚ RAO 1	179 ± 16	181 ± 11	81 ± 7	82 ± 5
RÚ RAO 2	200 ± 18	202 ± 12	90 ± 8	92 ± 6
RÚ RAO 3	199 ± 17	196 ± 12	90 ± 8	89 ± 5
RÚ RAO 4	204 ± 18	198 ± 12	93 ± 8	90 ± 5
RÚ RAO SDS	199 ± 17	174 ± 11	90 ± 8	79 ± 5
EMO SDS	225 ± 19	203 ± 12	102 ± 9	91 ± 6
EMO chlad. veže	242 ± 20	220 ± 13	110 ± 9	100 ± 6
EMO metrológia	264 ± 22	239 ± 14	120 ± 10	108 ± 6
EMO dekarbo	197 ± 17	178 ± 11	89 ± 8	80 ± 5
EMO údržba	208 ± 18	187 ± 12	94 ± 8	85 ± 5
EMO ZS	222 ± 19	192 ± 12	101 ± 9	87 ± 5
EMO vrátnica	214 ± 18	197 ± 12	97 ± 8	89 ± 5
EMO FS KRAO 1	210 ± 18	190 ± 12	95 ± 8	86 ± 5
EMO FS KRAO 2	205 ± 18	182 ± 11	93 ± 8	83 ± 5
EMO FS KRAO 3	218 ± 19	201 ± 12	98 ± 8	90 ± 5

Table 32 Average doses and rates for the IIIrd quarter of 2008

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2005

Lokalita	H*(10) [µSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	136 ± 7	134 ± 5	73 ± 4	71 ± 3
Levice	172 ± 8	156 ± 5	91 ± 4	83 ± 3
Kalná n/ Hronom	152 ± 8	150 ± 5	80 ± 4	79 ± 3
Nový Tekov	189 ± 9	169 ± 6	99 ± 5	90 ± 3
M. Kozmálovce	170 ± 8	185 ± 6	91 ± 4	98 ± 3
Veľký Ďur	218 ± 10	182 ± 6	112 ± 5	96 ± 3
Čifáre	173 ± 8	157 ± 5	91 ± 4	83 ± 3
Vráble	170 ± 8	174 ± 6	91 ± 4	92 ± 3
Tajná	180 ± 9	170 ± 6	96 ± 5	90 ± 3
Č. Hrádok	187 ± 9	158 ± 5	95 ± 5	84 ± 3
Nemčiňany	192 ± 9	184 ± 6	102 ± 5	98 ± 3
Zlaté Moravce	185 ± 9	171 ± 6	97 ± 5	91 ± 3
Kozárovce	204 ± 10	186 ± 6	107 ± 5	98 ± 3
Rybník	183 ± 9	178 ± 6	97 ± 5	94 ± 3
RÚ RAO 1	137 ± 7	150 ± 5	74 ± 4	80 ± 3
RÚ RAO 2	165 ± 8	169 ± 6	88 ± 4	89 ± 3
RÚ RAO 3	158 ± 8	160 ± 5	84 ± 4	85 ± 3
RÚ RAO 4	175 ± 9	171 ± 6	91 ± 4	91 ± 3
RÚ RAO SDS	164 ± 8	156 ± 5	88 ± 4	83 ± 3
EMO SDS	192 ± 9	185 ± 6	102 ± 5	97 ± 3
EMO chlad. veže	213 ± 10	192 ± 6	112 ± 5	102 ± 3
EMO metrológia	225 ± 10	203 ± 6	118 ± 5	107 ± 3
EMO dekarbo	181 ± 9	162 ± 5	94 ± 5	86 ± 3
EMO údržba	170 ± 8	166 ± 6	91 ± 4	88 ± 3
EMO ZS	207 ± 10	173 ± 6	108 ± 5	92 ± 3
EMO vrátnica	187 ± 9	170 ± 6	99 ± 5	90 ± 3

Table 33 Average doses and rates for the IVth quarter of 2005

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2006

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	163 ± 8	161 ± 5	80 ± 4	79 ± 3
Levice	181 ± 9	184 ± 6	88 ± 4	90 ± 3
Kalná n/ Hronom	176 ± 8	180 ± 6	86 ± 4	88 ± 3
Nový Tekov	203 ± 9	200 ± 6	99 ± 5	98 ± 3
M. Kozmálovce	197 ± 9	216 ± 6	96 ± 4	106 ± 3
Veľký Ďúr	210 ± 9	220 ± 7	103 ± 5	108 ± 3
Čifáre	196 ± 9	190 ± 6	96 ± 4	93 ± 3
Vráble	201 ± 9	207 ± 6	98 ± 4	102 ± 3
Tajná	206 ± 9	201 ± 6	101 ± 5	99 ± 3
Č. Hrádok	184 ± 9	185 ± 6	88 ± 4	91 ± 3
Nemčiňany	225 ± 10	219 ± 7	108 ± 5	107 ± 3
Zlaté Moravce	208 ± 9	203 ± 6	99 ± 5	99 ± 3
Kozárovce	222 ± 10	213 ± 6	108 ± 5	105 ± 3
Rybník	201 ± 9	211 ± 6	98 ± 4	103 ± 3
RÚ RAO 1	158 ± 8	180 ± 6	77 ± 4	88 ± 3
RÚ RAO 2	191 ± 9	202 ± 6	93 ± 4	99 ± 3
RÚ RAO 3	176 ± 8	191 ± 6	86 ± 4	94 ± 3
RÚ RAO 4	191 ± 9	203 ± 6	92 ± 4	99 ± 3
RÚ RAO SDS	180 ± 9	187 ± 6	88 ± 4	92 ± 3
EMO SDS	219 ± 10	217 ± 7	107 ± 5	106 ± 3
EMO chlad. veže	228 ± 10	228 ± 7	111 ± 5	112 ± 3
EMO metrológia	240 ± 10	242 ± 7	117 ± 5	119 ± 4
EMO dekarbo	197 ± 9	193 ± 6	95 ± 4	94 ± 3
EMO údržba	193 ± 9	196 ± 6	94 ± 4	96 ± 3
EMO ZS	221 ± 10	206 ± 6	107 ± 5	101 ± 3
EMO vrátnica	205 ± 9	205 ± 6	100 ± 5	101 ± 3
EMO FS KRAO 1	211 ± 10	193 ± 6	101 ± 5	95 ± 3
EMO FS KRAO 2	204 ± 9	186 ± 6	99 ± 4	91 ± 3
EMO FS KRAO 3	218 ± 10	200 ± 6	106 ± 5	98 ± 3

Table 34 Average doses and rates for the IVth quarter of 2006

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2007

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	177 ± 8	162 ± 5	88 ± 4	80 ± 3
Levice	193 ± 8	190 ± 6	96 ± 4	94 ± 3
Kalná n/ Hronom	181 ± 8	185 ± 6	90 ± 4	92 ± 3
Nový Tekov	207 ± 9	204 ± 6	103 ± 4	101 ± 3
M. Kozmálovce	209 ± 9	221 ± 7	103 ± 4	109 ± 3
Veľký Ďúr	219 ± 9	226 ± 7	108 ± 5	112 ± 3
Čifáre	199 ± 9	193 ± 6	98 ± 4	96 ± 3
Vráble	198 ± 9	205 ± 6	99 ± 4	102 ± 3
Tajná	212 ± 9	205 ± 6	105 ± 4	102 ± 3
Č. Hrádok	198 ± 9	190 ± 6	98 ± 4	94 ± 3
Nemčiňany	225 ± 9	222 ± 7	112 ± 5	110 ± 3
Zlaté Moravce	216 ± 9	204 ± 6	107 ± 5	101 ± 3
Kozárovce	228 ± 10	219 ± 7	113 ± 5	109 ± 3
Rybník	216 ± 9	214 ± 7	107 ± 5	106 ± 3
RÚ RAO 1	186 ± 8	185 ± 6	92 ± 4	92 ± 3
RÚ RAO 2	217 ± 9	220 ± 7	107 ± 5	109 ± 3
RÚ RAO 3	191 ± 8	199 ± 6	94 ± 4	99 ± 3
RÚ RAO 4	210 ± 9	208 ± 6	103 ± 4	103 ± 3
RÚ RAO SDS	194 ± 9	192 ± 6	93 ± 4	95 ± 3
EMO SDS	232 ± 10	217 ± 7	113 ± 5	107 ± 3
EMO chlad. veže	241 ± 10	232 ± 7	120 ± 5	115 ± 3
EMO metrológia	263 ± 11	253 ± 7	130 ± 5	126 ± 4
EMO dekarbo	208 ± 9	195 ± 6	103 ± 4	97 ± 3
EMO údržba	216 ± 9	201 ± 6	107 ± 5	100 ± 3
EMO ZS	231 ± 10	211 ± 6	114 ± 5	105 ± 3
EMO vrátnica	216 ± 9	209 ± 6	107 ± 5	104 ± 3
EMO FS KRAO 1	227 ± 10	202 ± 6	113 ± 5	100 ± 3
EMO FS KRAO 2	215 ± 9	196 ± 6	107 ± 5	97 ± 3
EMO FS KRAO 3	245 ± 10	218 ± 7	122 ± 5	107 ± 3

Table 35 Average doses and rates for the IVth quarter of 2007

DÁVKA A PRIEMERNÝ PRÍKON DÁVKY ZA IV. ŠTVRŤROK ROKU 2008

Lokalita	H*(10) [μSv]		Priemerný príkon H*(10) [nSv/h]	
	TLD 100	TLD 200	TLD 100	TLD 200
LRKO Levice	174 ± 16	152 ± 10	85 ± 8	75 ± 5
Levice	190 ± 17	177 ± 11	93 ± 8	87 ± 6
Kalná n/ Hronom	183 ± 17	172 ± 11	90 ± 8	85 ± 5
Nový Tekov	206 ± 18	194 ± 12	100 ± 9	95 ± 6
M. Kozmálovce	210 ± 19	212 ± 13	103 ± 9	104 ± 6
Veľký Ďúr	221 ± 19	217 ± 13	108 ± 9	106 ± 6
Čifáre	201 ± 18	184 ± 12	99 ± 9	90 ± 6
Vráble	202 ± 18	201 ± 12	99 ± 9	99 ± 6
Tajná	218 ± 19	198 ± 12	107 ± 9	97 ± 6
Č. Hrádok	205 ± 18	182 ± 12	100 ± 9	89 ± 6
Nemčiňany	233 ± 20	212 ± 13	114 ± 10	104 ± 6
Zlaté Moravce	223 ± 19	196 ± 12	109 ± 9	96 ± 6
Kozárovce	241 ± 21	212 ± 13	118 ± 10	104 ± 6
Rybník	224 ± 19	207 ± 13	110 ± 9	102 ± 6
RÚ RAO 1	180 ± 17	177 ± 11	88 ± 8	87 ± 5
RÚ RAO 2	206 ± 18	203 ± 13	101 ± 9	99 ± 6
RÚ RAO 3	193 ± 17	188 ± 12	95 ± 8	92 ± 6
RÚ RAO 4	202 ± 18	197 ± 12	98 ± 9	96 ± 6
RÚ RAO SDS	191 ± 17	185 ± 12	94 ± 8	90 ± 6
EMO SDS	228 ± 20	207 ± 13	112 ± 10	102 ± 6
EMO chlad. veže	235 ± 20	221 ± 13	114 ± 10	108 ± 7
EMO metrológia	253 ± 21	239 ± 14	124 ± 10	118 ± 7
EMO dekarbo	206 ± 18	188 ± 12	99 ± 9	92 ± 6
EMO údržba	195 ± 17	192 ± 12	95 ± 8	94 ± 6
EMO ZS	215 ± 19	200 ± 12	103 ± 9	98 ± 6
EMO vrátnica	208 ± 18	201 ± 12	101 ± 9	98 ± 6
EMO FS KRAO 1	214 ± 19	200 ± 12	104 ± 9	98 ± 6
EMO FS KRAO 2	218 ± 19	205 ± 13	107 ± 9	101 ± 6
EMO FS KRAO 3	273 ± 23	275 ± 16	134 ± 11	135 ± 8

Table 36 Average doses and rates for the IVth quarter of 2008.

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	82 ± 4	74 ± 5	82 ± 4	82 ± 4	82 ± 4	84 ± 3	85 ± 3	86 ± 4	87 ± 4	84 ± 4	89 ± 3	79 ± 5
Kalná	86 ± 3	77 ± 3	89 ± 5	90 ± 3	92 ± 4	89 ± 4	91 ± 3	89 ± 3	93 ± 4	90 ± 3	89 ± 4	85 ± 4
Nový Tekov	92 ± 4	84 ± 4	95 ± 7	106 ± 5	93 ± 5	100 ± 4	98 ± 8	97 ± 6	100 ± 5	99 ± 5	96 ± 6	99 ± 3
M. Kozmálovce	93 ± 4	79 ± 4	93 ± 9	99 ± 5	97 ± 5	105 ± 4	99 ± 5	97 ± 6	98 ± 5	99 ± 4	102 ± 4	97 ± 4
Veľký Ďur	87 ± 5	80 ± 4	93 ± 7	93 ± 4	94 ± 5	99 ± 4	96 ± 6	104 ± 5	96 ± 4	98 ± 6	97 ± 5	93 ± 7
Čifáre	82 ± 4	68 ± 3	83 ± 6	84 ± 4	84 ± 5	84 ± 4	87 ± 5	93 ± 7	86 ± 5	87 ± 4	90 ± 5	86 ± 5
Vráble	86 ± 6	74 ± 7	86 ± 4	85 ± 6	82 ± 10	84 ± 4	87 ± 3	91 ± 9	88 ± 7	89 ± 7	95 ± 7	89 ± 4
Tajná	84 ± 5	69 ± 4	87 ± 4	90 ± 6	80 ± 11	89 ± 4	89 ± 4	89 ± 5	88 ± 4	89 ± 6	89 ± 5	85 ± 6
Č. Hrádok	85 ± 4	76 ± 4	89 ± 5	86 ± 4	90 ± 4	92 ± 3	89 ± 5	88 ± 8	93 ± 4	88 ± 6	92 ± 4	89 ± 5
Nemčiňany	91 ± 5	77 ± 5	90 ± 7	98 ± 5	85 ± 11	97 ± 3	95 ± 5	97 ± 6	94 ± 5	95 ± 5	96 ± 5	96 ± 6
Zlaté Moravce	91 ± 4	72 ± 5	91 ± 6	92 ± 4	80 ± 11	92 ± 4	98 ± 5	90 ± 5	93 ± 7	93 ± 4	94 ± 5	92 ± 3
Kozárovce	90 ± 5	83 ± 4	95 ± 8	97 ± 4	93 ± 5	99 ± 4	98 ± 5	98 ± 4	100 ± 6	100 ± 4	99 ± 5	101 ± 4
Rybník	69 ± 3	76 ± 4	71 ± 4	96 ± 5	95 ± 5	101 ± 4	94 ± 8	78 ± 4	98 ± 5	96 ± 4	99 ± 4	95 ± 5
EMO SDS	90 ± 6	78 ± 4	93 ± 6	97 ± 4	99 ± 6	102 ± 4	100 ± 5	96 ± 5	98 ± 5	100 ± 5	98 ± 5	95 ± 6
EMO CHL. VEŽE	100 ± 6	100 ± 9	99 ± 7	107 ± 5	103 ± 4	107 ± 4	101 ± 5	103 ± 5	103 ± 5	103 ± 6	106 ± 5	101 ± 6
Tlak [hPa]	990	1000	992	990	1000	992	990	1000	992	990	1000	992

Table 37 Dose rate at the dosimetry stations measured by IC, 2005

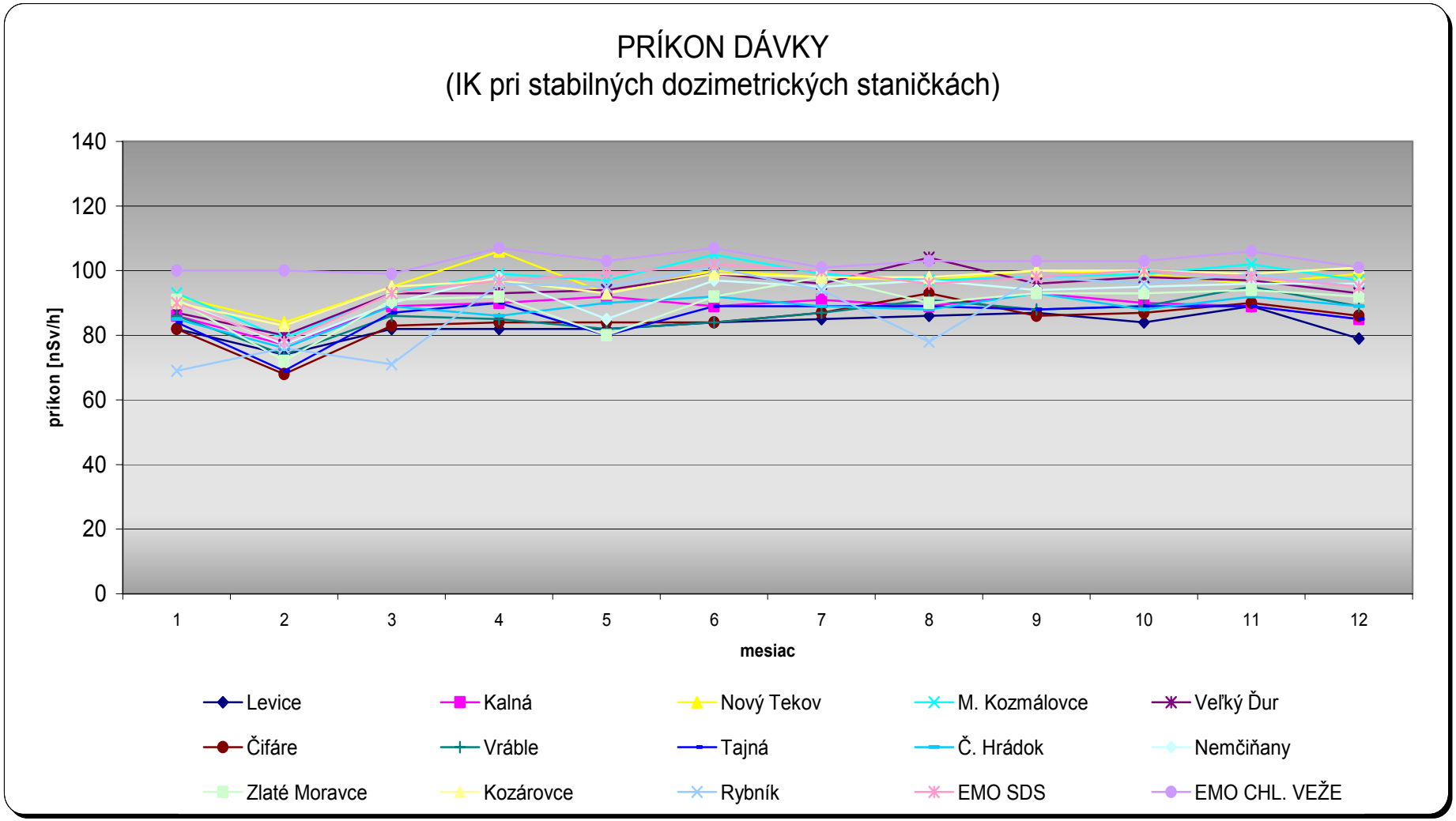


Figure 5 Dose rate at the dosimetry stations measured by IC, 2005

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	81 ± 3	79 ± 4	92 ± 3	85 ± 4	86 ± 4	85 ± 4	88 ± 4	85 ± 4	90 ± 5	90 ± 3	87 ± 4	89 ± 6
Kalná	86 ± 4	82 ± 3	87 ± 4	89 ± 4	91 ± 3	87 ± 5	95 ± 4	93 ± 4	94 ± 4	98 ± 4	95 ± 4	95 ± 4
Nový Tekov	88 ± 6	91 ± 4	99 ± 5	101 ± 5	98 ± 9	100 ± 10	98 ± 6	98 ± 4	101 ± 3	101 ± 4	101 ± 5	101 ± 5
M. Kozmálovce	91 ± 4	90 ± 5	99 ± 4	98 ± 5	98 ± 4	91 ± 8	96 ± 5	95 ± 5	99 ± 5	104 ± 6	102 ± 5	101 ± 4
Veľký Ďur	88 ± 4	90 ± 4	103 ± 4	96 ± 5	95 ± 4	92 ± 9	99 ± 5	95 ± 4	99 ± 4	100 ± 4	99 ± 6	96 ± 4
Čifáre	75 ± 4	82 ± 4	93 ± 5	86 ± 4	91 ± 4	96 ± 6	92 ± 5	87 ± 4	91 ± 7	94 ± 4	94 ± 5	90 ± 4
Vráble	77 ± 6	85 ± 5	93 ± 5	90 ± 7	87 ± 6	93 ± 9	84 ± 4	91 ± 4	95 ± 5	92 ± 4	96 ± 4	85 ± 5
Tajná	82 ± 3	86 ± 4	93 ± 4	89 ± 5	88 ± 5	91 ± 3	90 ± 4	91 ± 5	91 ± 6	94 ± 4	94 ± 3	88 ± 6
Č. Hrádok	86 ± 6	88 ± 5	98 ± 5	87 ± 7	93 ± 4	89 ± 5	85 ± 8	89 ± 4	83 ± 4	92 ± 5	91 ± 6	87 ± 4
Nemčiňany	90 ± 5	94 ± 4	102 ± 4	94 ± 5	92 ± 5	94 ± 5	94 ± 6	96 ± 4	96 ± 6	99 ± 6	101 ± 4	97 ± 5
Zlaté Moravce	88 ± 4	91 ± 5	99 ± 4	90 ± 4	93 ± 4	90 ± 4	93 ± 4	91 ± 5	94 ± 4	95 ± 5	100 ± 5	91 ± 11
Kozárovce	89 ± 3	88 ± 4	97 ± 4	99 ± 4	102 ± 5	94 ± 4	99 ± 5	101 ± 5	103 ± 3	104 ± 5	103 ± 4	103 ± 25
Rybník	92 ± 4	91 ± 5	95 ± 4	93 ± 4	95 ± 3	79 ± 4	96 ± 5	95 ± 4	97 ± 4	99 ± 4	101 ± 4	97 ± 7
EMO SDS	84 ± 4	83 ± 3	98 ± 6	96 ± 6	95 ± 4	92 ± 5	96 ± 6	94 ± 5	98 ± 6	101 ± 6	102 ± 5	95 ± 6
EMO CHL. VEŽE	100 ± 5	100 ± 4	107 ± 5	102 ± 5	102 ± 4	98 ± 5	108 ± 4	99 ± 5	105 ± 5	108 ± 6	116 ± 6	103 ± 7
EMO FS KRAO 2									98 ± 6	99 ± 5	92 ± 4	90 ± 4
Tlak [hPa]	1050	985	971	981	989	990	991	987	985	978	972	1001

Table 38 Dose rate at the dosimetry stations measured by IC- 2006

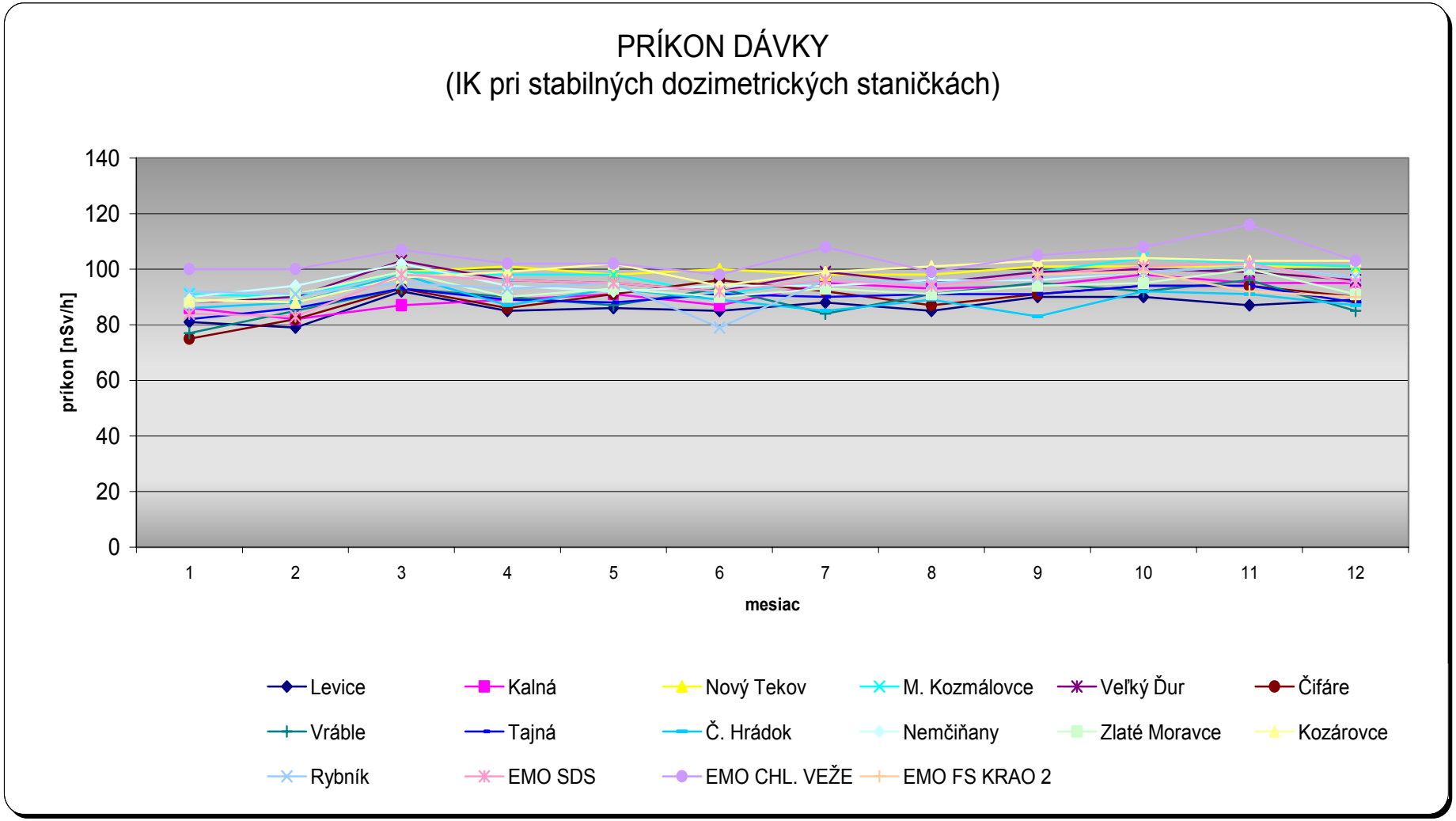


Figure 6 Dose rate at the dosimetry stations measured by IC. 2006

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	92 ± 6	85 ± 10	86 ± 4	91 ± 4	90 ± 3	86 ± 4	87 ± 4	87 ± 4	91 ± 5	82 ± 4	80 ± 3	81 ± 4
Kalná	95 ± 4	89 ± 9	93 ± 4	99 ± 5	99 ± 5	95 ± 4	101 ± 3	104 ± 4	101 ± 4	98 ± 3	90 ± 4	87 ± 4
Nový Tekov	108 ± 7	92 ± 6	103 ± 6	107 ± 5	99 ± 5	102 ± 5	104 ± 4	103 ± 4	107 ± 4	101 ± 4	98 ± 4	91 ± 4
M. Kozmálovce	103 ± 6	97 ± 5	96 ± 5	103 ± 5	96 ± 6	102 ± 5	106 ± 5	99 ± 5	106 ± 4	100 ± 5	93 ± 5	102 ± 5
Veľký Ďur	100 ± 4	98 ± 8	95 ± 5	102 ± 4	100 ± 5	100 ± 5	100 ± 5	101 ± 5	102 ± 4	109 ± 5	93 ± 4	92 ± 4
Čifáre	100 ± 5	87 ± 4	89 ± 5	95 ± 5	97 ± 3	94 ± 5	97 ± 5	93 ± 4	96 ± 4	102 ± 5	90 ± 6	89 ± 4
Vráble	96 ± 5	84 ± 5	85 ± 5	88 ± 5	92 ± 6	88 ± 4	90 ± 4	86 ± 5	95 ± 5	87 ± 5	67 ± 6	79 ± 3
Tajná	93 ± 5	86 ± 7	86 ± 4	90 ± 4	91 ± 4	90 ± 5	93 ± 5	96 ± 5	94 ± 5	89 ± 5	88 ± 4	88 ± 4
Č. Hrádok	93 ± 5	90 ± 5	85 ± 4	90 ± 5	90 ± 4	91 ± 5	93 ± 4	92 ± 4	95 ± 5	88 ± 4	92 ± 4	89 ± 3
Nemčiňany	103 ± 4	97 ± 5	95 ± 5	95 ± 4	95 ± 4	95 ± 5	95 ± 4	95 ± 4	98 ± 5	89 ± 4	93 ± 5	93 ± 4
Zlaté Moravce	98 ± 4	90 ± 5	94 ± 4	92 ± 5	94 ± 4	92 ± 5	94 ± 4	94 ± 4	96 ± 6	93 ± 3	90 ± 3	89 ± 3
Kozárovce	107 ± 5	98 ± 5	97 ± 4	101 ± 5	103 ± 5	103 ± 5	105 ± 5	101 ± 4	104 ± 5	99 ± 4	98 ± 5	99 ± 4
Rybník	97 ± 9	93 ± 5	91 ± 5	98 ± 6	110 ± 6	98 ± 5	102 ± 5	98 ± 5	99 ± 3	98 ± 4	93 ± 5	87 ± 4
EMO SDS	99 ± 5	97 ± 5	96 ± 4	104 ± 5	100 ± 4	100 ± 6	103 ± 5	103 ± 4	104 ± 5	101 ± 5	93 ± 4	97 ± 4
EMO CHL. VEŽE	104 ± 5	103 ± 5	102 ± 4	110 ± 5	106 ± 5	109 ± 3	109 ± 6	110 ± 5	108 ± 6	105 ± 6	100 ± 5	103 ± 3
EMO FS KRAO 2	89 ± 5	85 ± 4	85 ± 5	98 ± 5	98 ± 5	98 ± 5	101 ± 6	89 ± 4	92 ± 5	86 ± 4	83 ± 4	95 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008

Table 39 Dose rate at the dosimetry stations measured by IC , 2007

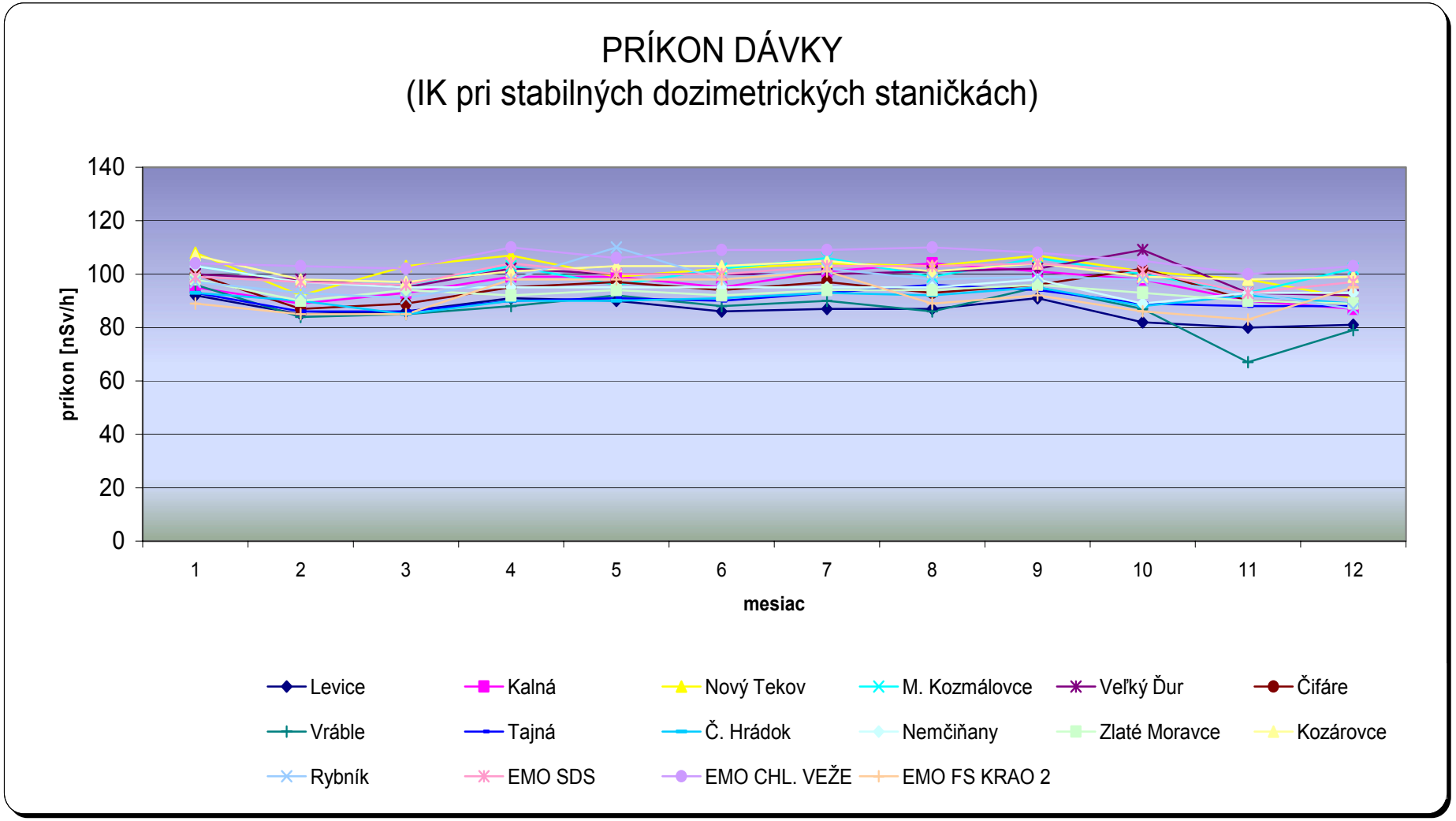


Figure 5 Dose rate at the dosimetry stations measured by IC- 2007

PRÍKON DÁVKY

(IK pri stabilných dozimetrických staničkách)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
Levice	83 ± 9	87 ± 10	82 ± 9	82 ± 8	84 ± 11	85 ± 9	82 ± 13	85 ± 9	88 ± 11	87 ± 10	78 ± 9	86 ± 11
Kalná	87 ± 11	92 ± 11	90 ± 10	91 ± 10	95 ± 10	99 ± 12	92 ± 10	98 ± 10	100 ± 8	98 ± 10	87 ± 10	94 ± 11
Nový Tekov	97 ± 12	101 ± 13	101 ± 12	100 ± 12	99 ± 12	97 ± 12	93 ± 13	96 ± 10	104 ± 12	106 ± 14	94 ± 10	99 ± 12
M. Kozmálovce	94 ± 11	101 ± 10	96 ± 12	97 ± 12	97 ± 12	101 ± 12	99 ± 13	100 ± 10	99 ± 12	103 ± 12	92 ± 11	100 ± 15
Veľký Ďur	93 ± 11	97 ± 10	94 ± 10	95 ± 12	99 ± 10	93 ± 13	95 ± 10	101 ± 12	97 ± 10	100 ± 12	87 ± 11	98 ± 10
Čifáre	87 ± 10	88 ± 11	88 ± 11	87 ± 11	91 ± 11	92 ± 13	90 ± 10	96 ± 12	90 ± 10	93 ± 11	81 ± 9	88 ± 11
Vráble	87 ± 13	89 ± 13	85 ± 13	85 ± 8	72 ± 11	83 ± 9	86 ± 11	77 ± 11	90 ± 10	91 ± 11	87 ± 10	91 ± 10
Tajná	86 ± 11	88 ± 11	84 ± 11	83 ± 11	88 ± 11	88 ± 11	88 ± 10	87 ± 13	89 ± 11	88 ± 11	84 ± 11	89 ± 13
Č. Hrádok	84 ± 11	89 ± 10	89 ± 8	87 ± 13	90 ± 11	91 ± 11	89 ± 10	85 ± 11	86 ± 11	91 ± 10	86 ± 10	88 ± 13
Nemčiňany	91 ± 11	91 ± 13	83 ± 11	95 ± 12	89 ± 11	91 ± 11	95 ± 12	93 ± 10	95 ± 12	98 ± 12	87 ± 11	90 ± 11
Zlaté Moravce	91 ± 11	93 ± 11	91 ± 11	90 ± 10	92 ± 10	93 ± 10	94 ± 10	91 ± 10	93 ± 11	93 ± 11	87 ± 10	97 ± 12
Kozárovce	96 ± 12	99 ± 12	94 ± 13	95 ± 10	99 ± 12	97 ± 12	98 ± 13	99 ± 12	100 ± 12	101 ± 10	90 ± 10	99 ± 10
Rybník	90 ± 11	98 ± 12	91 ± 11	89 ± 10	94 ± 11	92 ± 11	97 ± 10	96 ± 8	100 ± 12	98 ± 12	88 ± 11	99 ± 10
EMO SDS	94 ± 10	97 ± 10	97 ± 10	96 ± 10	98 ± 13	98 ± 12	96 ± 10	100 ± 12	98 ± 12	98 ± 12	87 ± 11	97 ± 12
EMO CHL. VEŽE	101 ± 13	104 ± 12	101 ± 13	101 ± 12	103 ± 12	103 ± 12	103 ± 10	111 ± 10	104 ± 12	107 ± 12	96 ± 10	107 ± 12
EMO FS KRAO 2	85 ± 9	91 ± 10	92 ± 11	96 ± 13	94 ± 11	94 ± 11	93 ± 11	96 ± 12	94 ± 8	96 ± 12	85 ± 11	101 ± 10
Tlak [hPa]	1001	991	976	994	985	988	990	993	988	971	979	983

Table 40 Dose rate at the dosimetry stations measured by IC , 2008

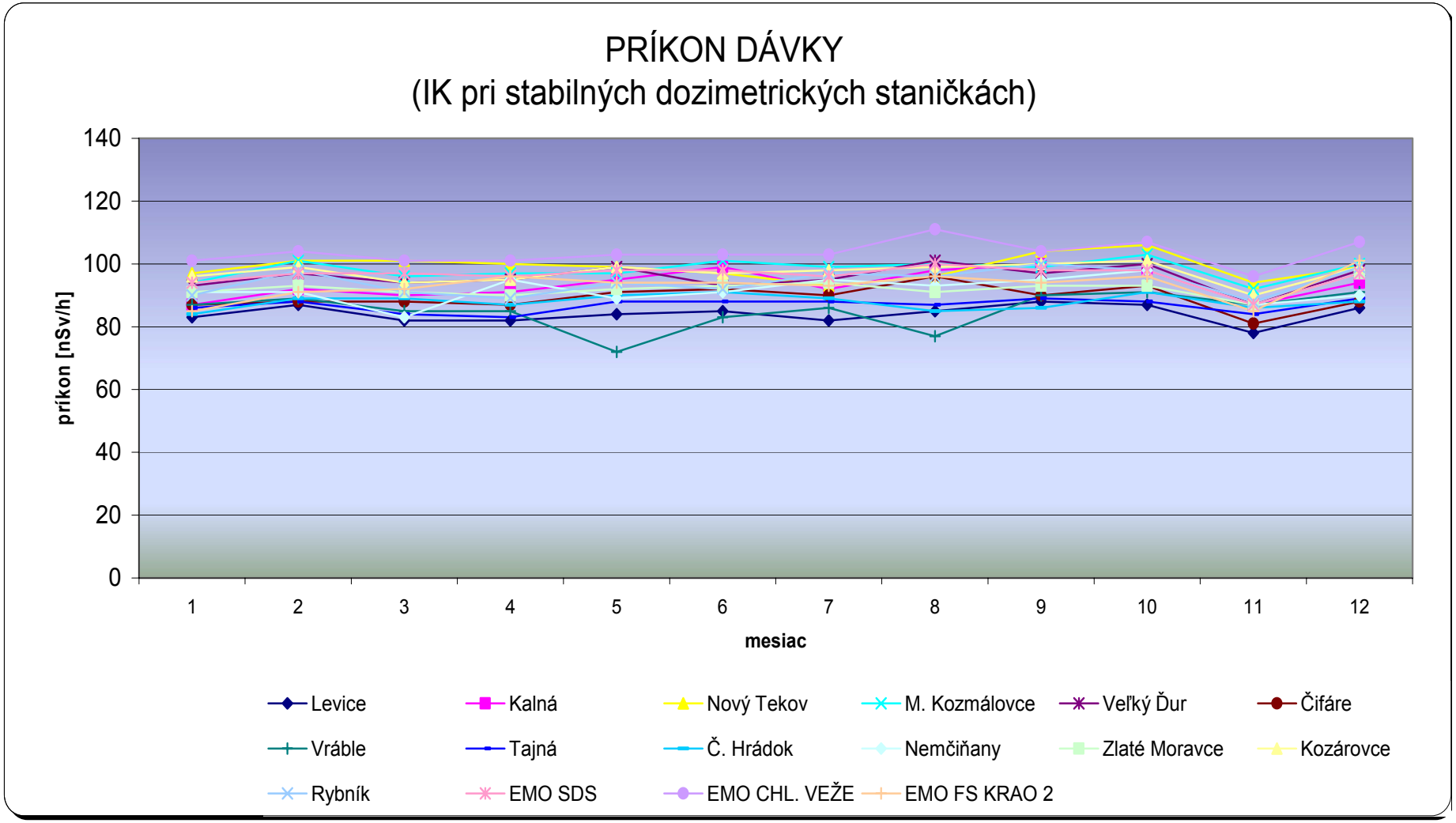


Figure 6 Dose rate at the dosimetry stations measured by IC- 2008

TERÉNNA GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2005/0924		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<56,4	<0,03	-
^{137}Cs	5410 ± 300	6,34 ± 0,35	0,276
^{40}K	587 ± 31	24,5 ± 1,3	-
U - rad	36,2 ± 2,9	17,2 ± 0,8	-
Th - rad	40,9 ± 6,1	26,2 ± 1,0	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0938	2005/0939	2005/0940
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,977	<0,792	<1,04
^{137}Cs	45,8 ± 2,10	41,9 ± 1,9	14,3 ± 0,70
^{40}K	557 ± 27	583 ± 27	612 ± 29
U - rad	35,2 ± 2,4	39,9 ± 2,6	41,3 ± 2,7
Th - rad	40,6 ± 4,5	44,2 ± 4,6	45,3 ± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0924	74 ± 2
ionizačná komora (RSS - 112)	2005/0949	99 ± 4

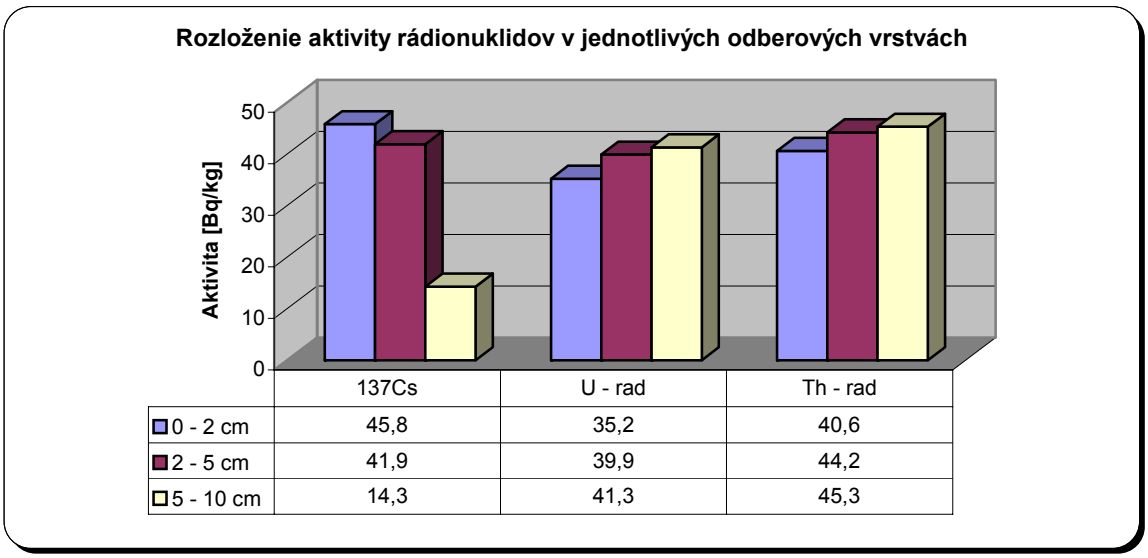


Table 41 IN SITU Tesárske Mlyňany, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2005/1657		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<300	<0,3	*
^{137}Cs	5290 ± 290	6,37 ± 0,35	0,256
^{40}K	591 ± 31	24,6 ± 1,3	*
U - rad	35,6 ± 3,0	16,8 ± 0,8	*
Th - rad	41,0 ± 6,2	25,2 ± 1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1666	2005/1667	2005/1668
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,778	<0,799	<0,851
^{137}Cs	47,3 ± 2,2	41,9 ± 1,9	14,3 ± 0,7
^{40}K	510 ± 24	552 ± 26	598 ± 28
U - rad	32,5 ± 2,2	35,3 ± 2,4	39,6 ± 2,6
Th - rad	38,8 ± 4,3	42,1 ± 4,7	46,3 ± 4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1657	73 ± 2
ionizačná komora (RSS - 112)	2005/1647	99 ± 4

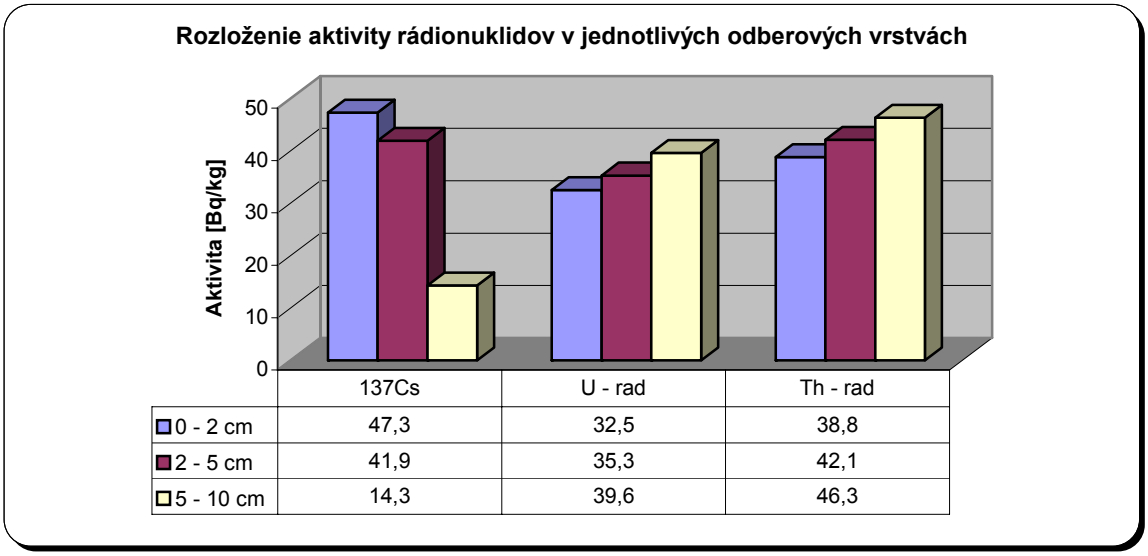


Table 42 IN SITU Tesárske Mlyňany, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2006/1557						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4860	±	280	5,59	±	0,32	0,257
^{40}K	586	±	31	24,4	±	1,3	*
U - rad	37,2	±	3,1	18,5	±	0,9	*
Th - rad	40,4	±	6,3	25,1	±	1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1543			2006/1544			2006/1545		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	42,9	±	2,0	43,3	±	2,0	34,7	±	1,6
^{40}K	538	±	25	507	±	24	587	±	28
U - rad	33,8	±	2,3	32,9	±	2,2	39,3	±	2,6
Th - rad	40,6	±	4,3	39,6	±	4,2	46,4	±	4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1557	74 ± 2
ionizačná komora (RSS - 112)	2006/1553	105 ± 4

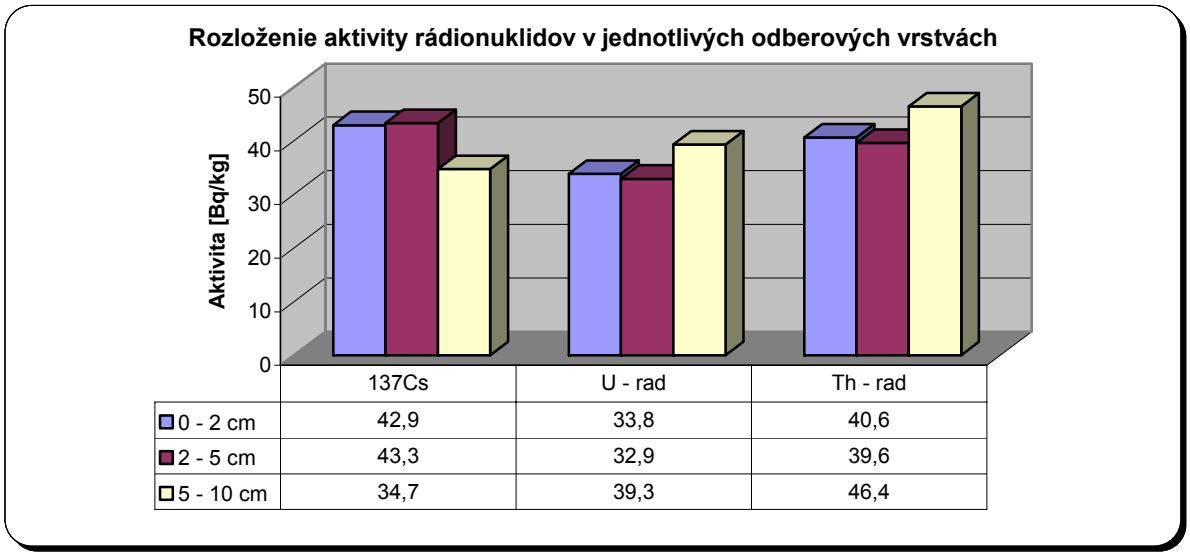


Table 43 IN SITU Tesárske Mlyňany ,2006

TERÉNNA GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2007/1819						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4480	±	240	5,21	±	0,28	0,228
^{40}K	562	±	27	23,4	±	1,1	*
U - rad	37,6	±	3,0	17,4	±	1,4	*
Th - rad	39,5	±	4,0	23,9	±	2,4	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1833			2007/1834			2007/1835		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	46,5	±	2,2	56,2	±	2,6	36,1	±	1,7
^{40}K	527	±	24	542	±	26	589	±	28
U - rad	35,8	±	2,4	37,3	±	2,5	40,0	±	2,6
Th - rad	39,0	±	4,1	42,1	±	4,4	46,6	±	4,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1819	70 ± 3
ionizačná komora (RSS - 112)	2007/1813	99 ± 3

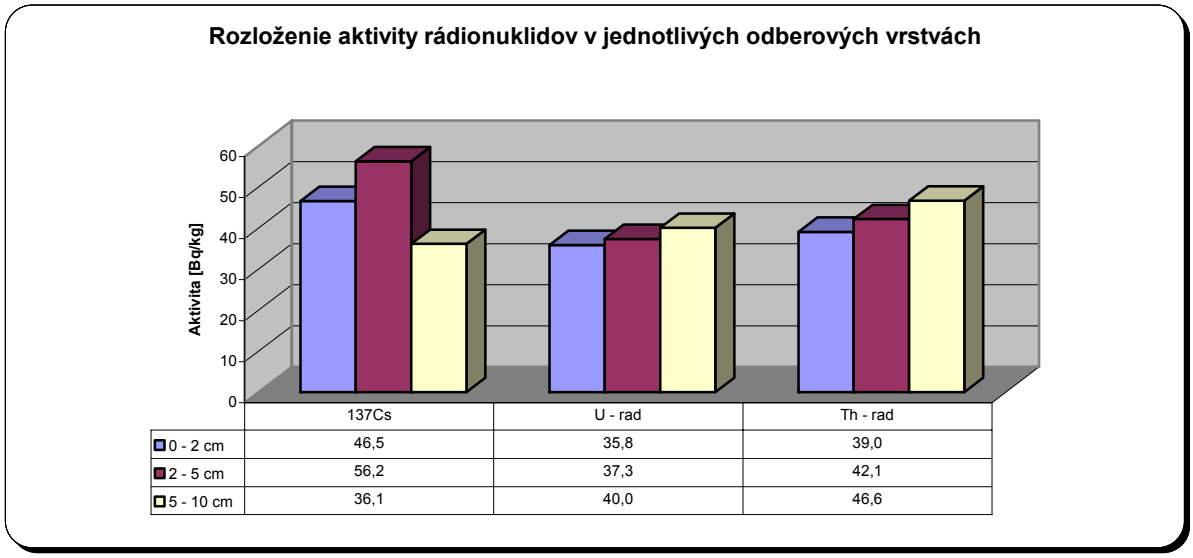


Table 44 IN SITU Tesárske Mlyňany, 2007

TERÉNNA GAMASPEKTROMETRIA

IN SITU TESÁRSKE MLYŇANY

Evid.číslo protokolu	2008/2117						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2]	resp.	[Bq/kg]	[nGy/hod]			α/δ
^{137}Cs	4520	±	500	5,31	±	0,58	0,226
^{40}K	581	±	55	24,2	±	2,3	*
U - rad	36,7	±	6,6	17,8	±	1,9	*
Th - rad	39,9	±	15,2	24,9	±	2,1	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2118			2008/2119			2008/2120		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	41,3	±	3,2	50,0	±	3,8	33,5	±	2,6
^{40}K	531	±	42	559	±	44	581	±	46
U - rad	34,1	±	3,9	37,8	±	4,2	39,4	±	4,3
Th - rad	40,9	±	8,0	43,5	±	8,0	46,4	±	8,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2117	72 ± 4
ionizačná komora (RSS - 112)	2008/2122	101 ± 4

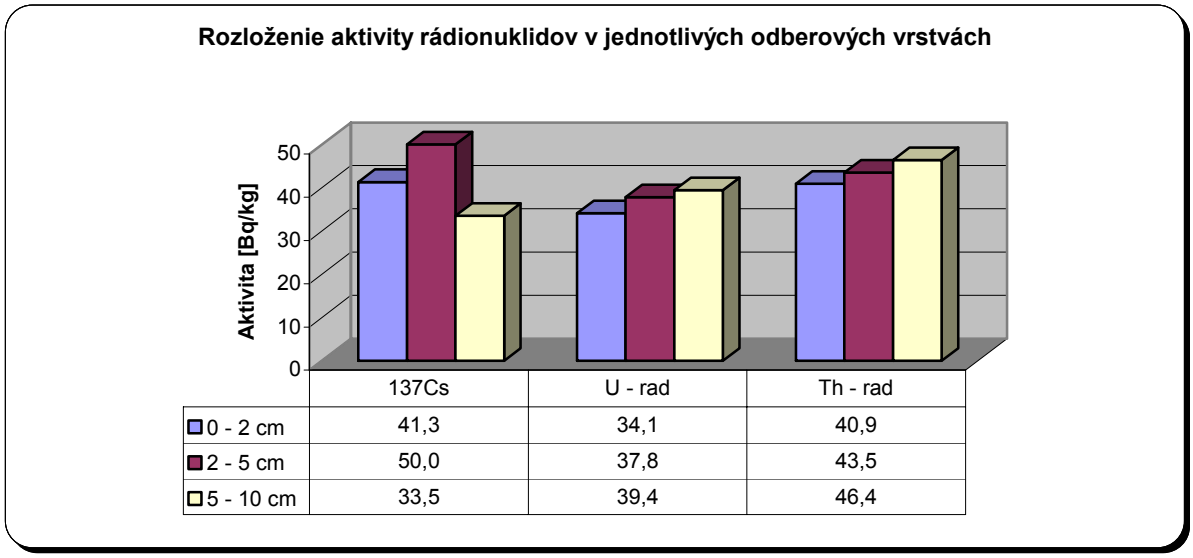


Table 45 IN SITU Tesárske Mlyňany, 2008

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2005/0923		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<54,0	<0,03	-
^{137}Cs	5760 ± 310	7,05 ± 0,38	0,248
^{40}K	574 ± 30	23,9 ± 1,3	-
U - rad	29,5 ± 2,5	14,1 ± 0,7	-
Th - rad	37,8 ± 5,8	23,1 ± 1,0	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0935	2005/0936	2005/0937
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,923	<0,729	<1,24
^{137}Cs	57,2 ± 2,60	64,3 ± 2,9	34,6 ± 1,70
^{40}K	549 ± 26	553 ± 26	589 ± 28
U - rad	29,1 ± 2,0	30,8 ± 2	35,1 ± 2,4
Th - rad	35,7 ± 4	38,9 ± 4,1	41,6 ± 5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0923	68 ± 2
ionizačná komora (RSS - 112)	2005/0948	93 ± 4

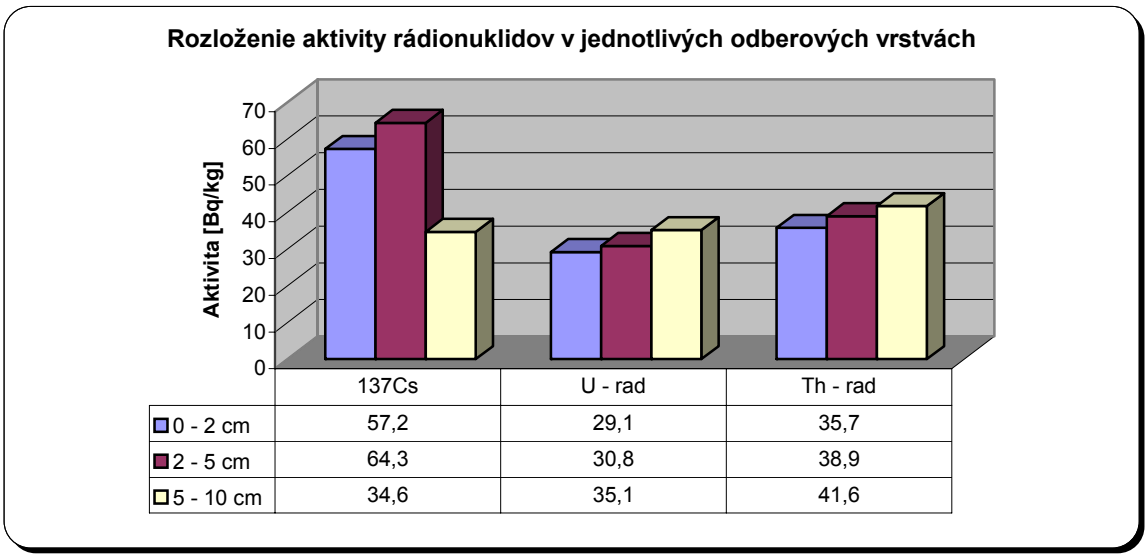


Table 46 IN SITU Vráble, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2005/1658		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	□
^{134}Cs	<273	<0,3	*
^{137}Cs	5090 ± 280	6,27 ± 0,35	0,279
^{40}K	583 ± 30	24,3 ± 1,3	*
U - rad	29,9 ± 2,6	14,4 ± 0,7	*
Th - rad	37,2 ± 6,4	22,3 ± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1669	2005/1670	2005/1671
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,753	<0,684	<0,767
^{137}Cs	48,6 ± 2,2	48,4 ± 2,2	39,2 ± 1,8
^{40}K	548 ± 26	554 ± 26	548 ± 26
U - rad	28,7 ± 1,9	30,6 ± 2,0	30,1 ± 2
Th - rad	36,4 ± 3,9	38,5 ± 4,1	39,3 ± 4,2

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1658	67 ± 2
ionizačná komora (RSS - 112)	2005/1648	94 ± 4

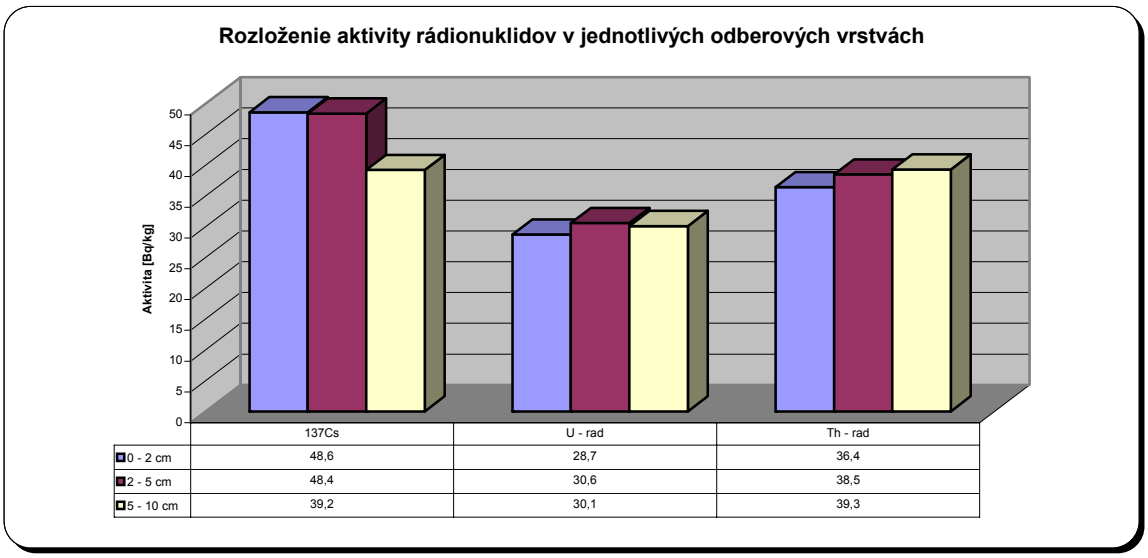


Table 47 IN SITU Vráble, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2006/1555						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4490	±	250	5,41	±	0,31	0,254
^{40}K	561	±	30	23,4	±	1,3	*
U - rad	36,3	±	3,0	18,3	±	0,9	*
Th - rad	33,4	±	5,4	21,0	±	0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1537			2006/1538			2006/1539		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	43,2	±	2,0	47,0	±	2,1	28,3	±	1,3
^{40}K	497	±	23	494	±	23	576	±	27
U - rad	28,0	±	1,9	29,2	±	1,9	32,5	±	2,1
Th - rad	33,9	±	4,0	34,7	±	3,8	40,8	±	4,3

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1555	68 ± 2
ionizačná komora (RSS - 112)	2006/1551	95 ± 4

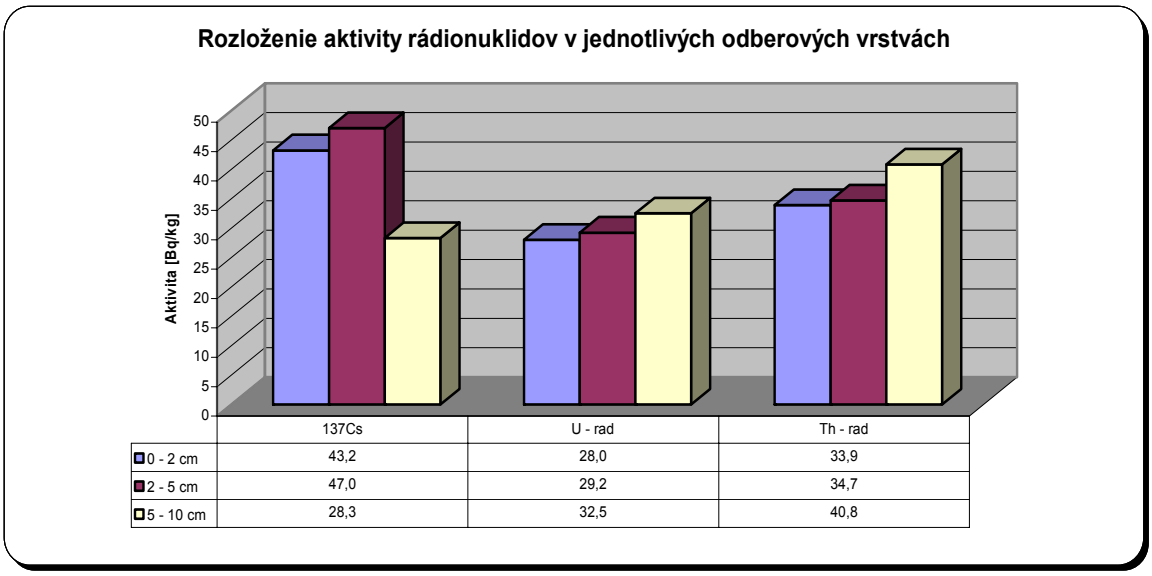


Table 48 IN SITU Vráble, 2006

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2007/1820						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4500	±	260	5,53	±	0,31	0,243
^{40}K	548	±	28	22,9	±	1,2	*
U - rad	33,2	±	3,0	15,3	±	1,4	*
Th - rad	35,8	±	3,9	21,6	±	2,4	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1836			2007/1837			2007/1838		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	50,5	±	2,4	60,2	±	2,7	35,3	±	1,6
^{40}K	505	±	25	537	±	25	578	±	27
U - rad	25,9	±	1,8	31,1	±	2,1	33,8	±	2,2
Th - rad	32,8	±	3,7	37,1	±	4,0	40,4	±	4,3

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1820	65 ± 3
ionizačná komora (RSS - 112)	2007/1814	92 ± 6

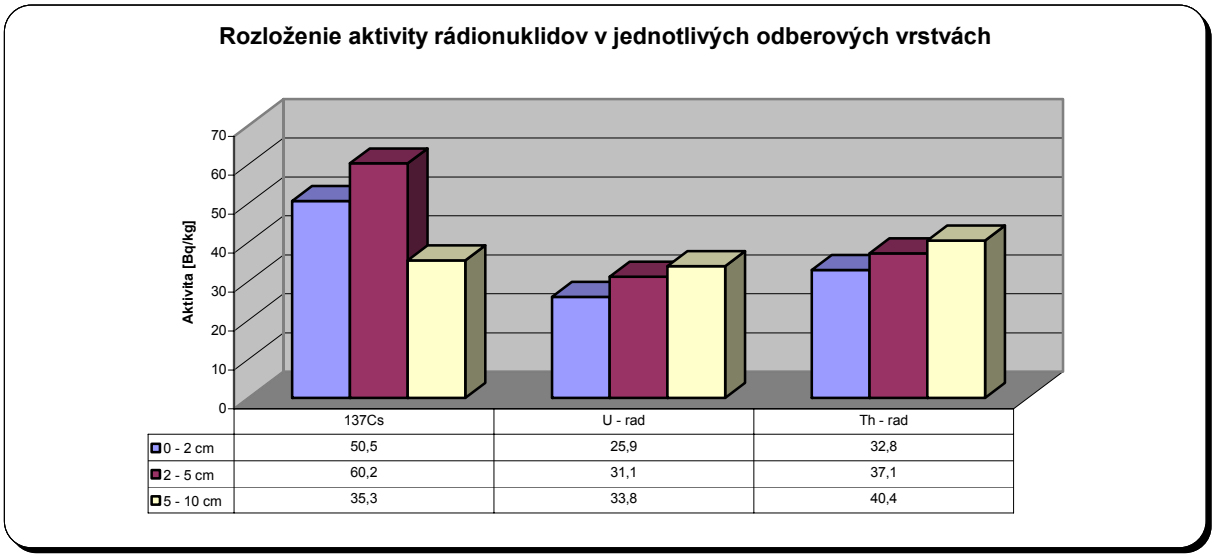


Table 49 IN SITU Vráble, 2007

TERÉNNA GAMASPEKTROMETRIA

IN SITU VRÁBLE

Evid.číslo protokolu	2008/2111						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4220	±	450	5,12	±	0,55	0,277
^{40}K	564	±	53	23,5	±	2,2	*
U - rad	29,3	±	5,2	14,6	±	1,5	*
Th - rad	31,8	±	12,2	21,1	±	1,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2112			2008/2113			2008/2114		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	61,5	±	4,6	59,3	±	4,5	42,2	±	3,2
^{40}K	539	±	43	523	±	42	560	±	44
U - rad	29,8	±	3,4	31,0	±	3,5	31,7	±	3,5
Th - rad	36,8	±	7,0	38,3	±	7,3	40,6	±	7,7

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2111	64 ± 3
ionizačná komora (RSS - 112)	2008/2116	91 ± 4

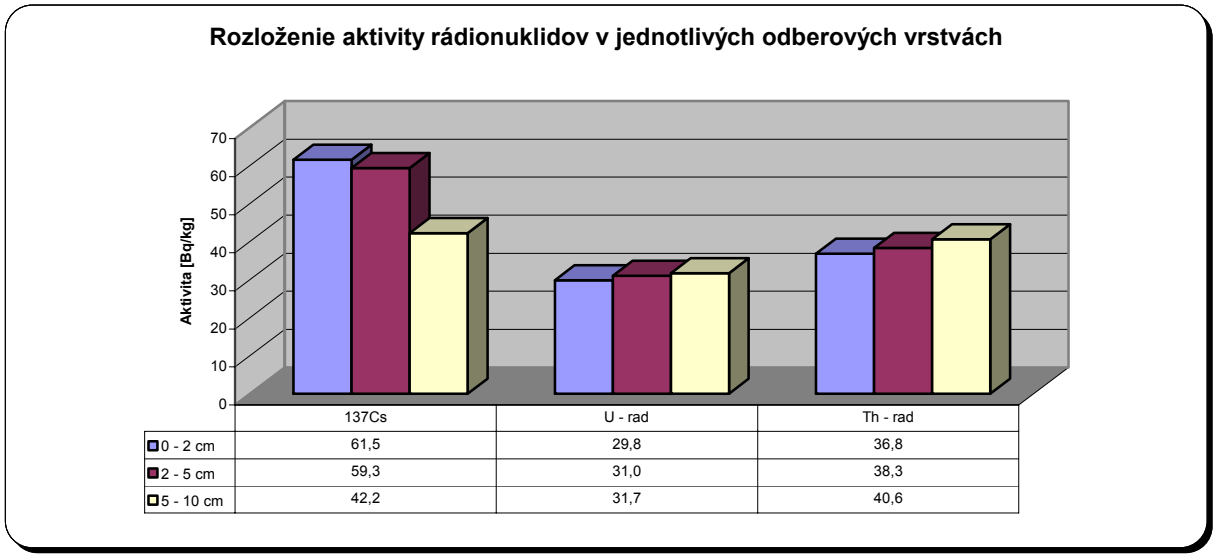


Table 50 IN SITU Vráble, 2008

TERÉNNA GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2005/0922		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<50,4	<0,03	-
^{137}Cs	755 ± 103	0,99 ± 0,135	0,299
^{40}K	589 ± 31	24,6 ± 1,3	-
U - rad	32,5 ± 2,8	14,6 ± 0,8	-
Th - rad	32,3 ± 5,3	20,7 ± 1	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0932	2005/0933	2005/0934
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,714	<0,710	<1,17
^{137}Cs	6,37 ± 0,33	6,08 ± 0,31	5,75 ± 0,45
^{40}K	556 ± 26	554 ± 26	527 ± 26
U - rad	33,3 ± 2,2	32,3 ± 2,1	33,9 ± 2,4
Th - rad	32,9 ± 3,7	34,2 ± 3,6	34,8 ± 4,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0922	61 ± 2
ionizačná komora (RSS - 112)	2005/0947	87 ± 4

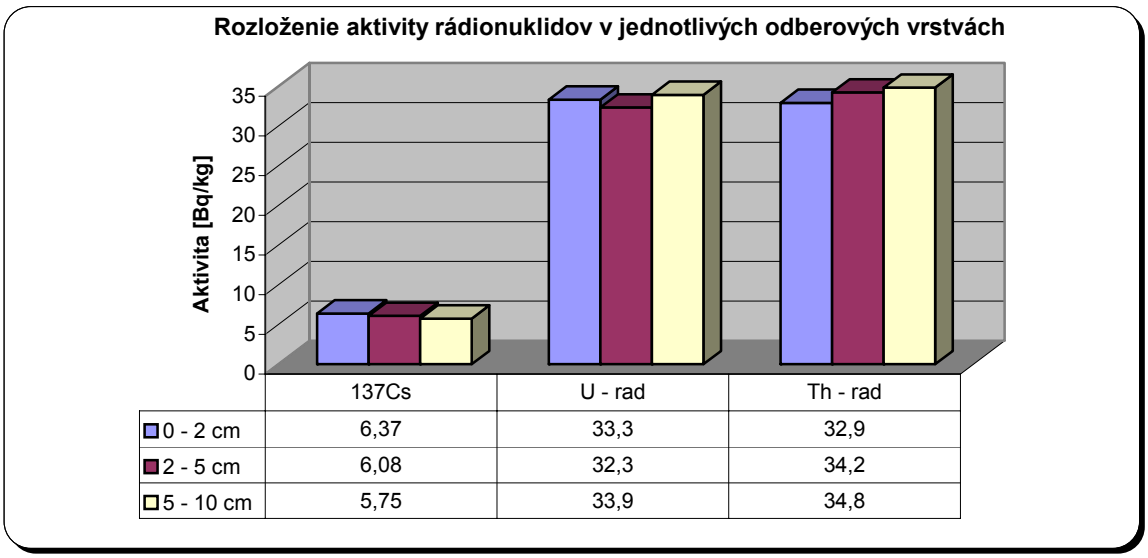


Table 51 IN SITU Tekovský Hrádok, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2005/1655		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<261	<0,3	*
^{137}Cs	1410 ± 110	1,80 ± 0,15	0,276
^{40}K	520 ± 27	21,7 ± 1,1	*
U - rad	32,5 ± 2,8	15,3 ± 0,8	*
Th - rad	30,6 ± 5,9	19,2 ± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1660	2005/1661	2005/1662
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,631	<0,704	<0,708
^{137}Cs	11,8 ± 0,6	12,8 ± 0,6	12,6 ± 0,6
^{40}K	512 ± 24	503 ± 24	502 ± 24
U - rad	30,1 ± 2,0	29,2 ± 2,0	30,0 ± 2,0
Th - rad	30,8 ± 3,4	30,5 ± 3,4	31,1 ± 3,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1655	58 ± 2
ionizačná komora (RSS - 112)	2005/1645	80 ± 3

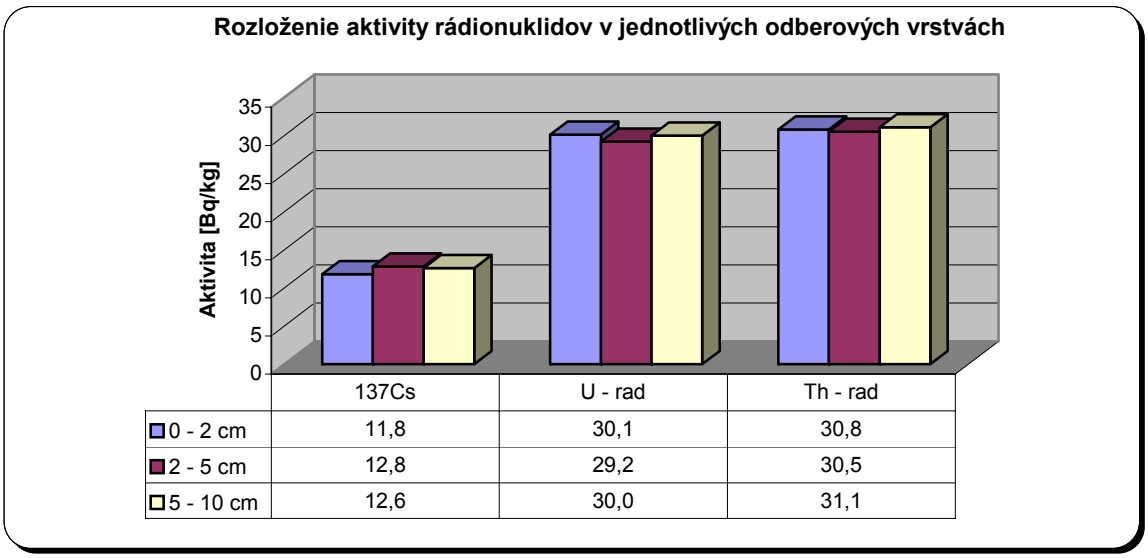


Table 52 IN SITU Tekovský Hrádok, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2006/1556						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	1910	±	130	2,49	±	0,18	0,305
^{40}K	573	±	30	23,9	±	1,3	*
U - rad	40,7	±	3,3	19,0	±	0,9	*
Th - rad	41,0	±	6,8	25,0	±	1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1540			2006/1541			2006/1542		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	30,9	±	1,4	29,1	±	1,4	10,9	±	0,5
^{40}K	465	±	22	467	±	22	602	±	28
U - rad	29,6	±	2,0	29,3	±	1,9	39,6	±	2,6
Th - rad	33,5	±	3,6	34,7	±	3,8	44,0	±	4,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1556	70 ± 2
ionizačná komora (RSS - 112)	2006/1552	97 ± 4

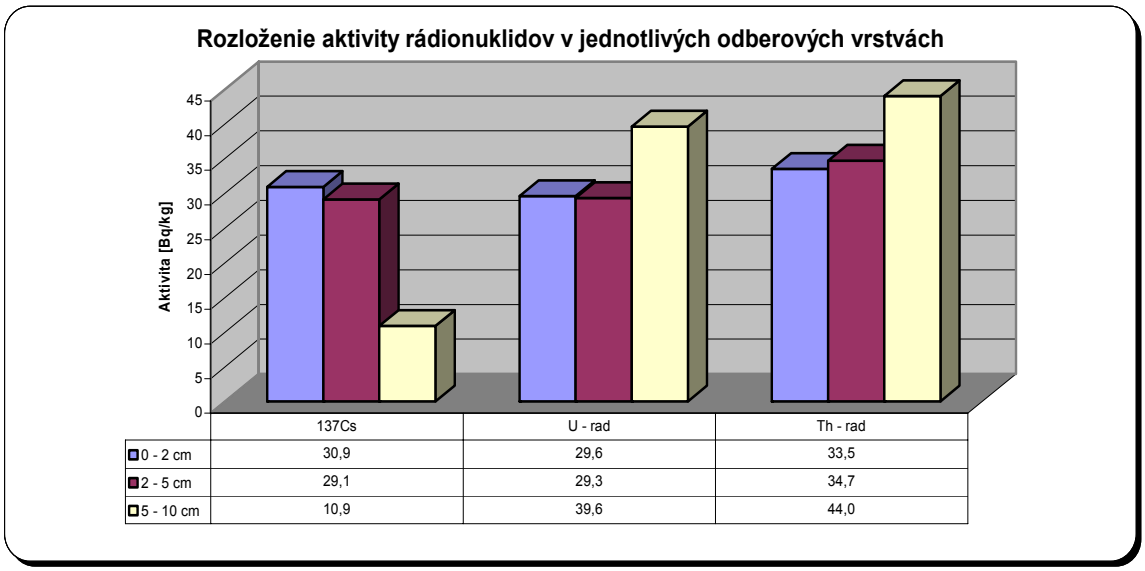


Table 53 IN SITU Tekovský Hrádok, 2006

TERÉNNA GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2007/1817						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	1620	±	150	2,06	±	0,19	0,248
^{40}K	576	±	28	24,0	±	1,2	*
U - rad	40,8	±	3,4	18,8	±	1,6	*
Th - rad	41,5	±	4,7	25,1	±	2,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1827			2007/1828			2007/1829		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	19,8	±	0,9	24,0	±	1,2	14,6	±	0,7
^{40}K	546	±	26	574	±	27	590	±	28
U - rad	37,2	±	2,5	39,6	±	2,6	40,6	±	2,6
Th - rad	39,6	±	4,7	41,4	±	4,4	44,8	±	4,8

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1817	70 ± 3
ionizačná komora (RSS - 112)	2007/1811	96 ± 6

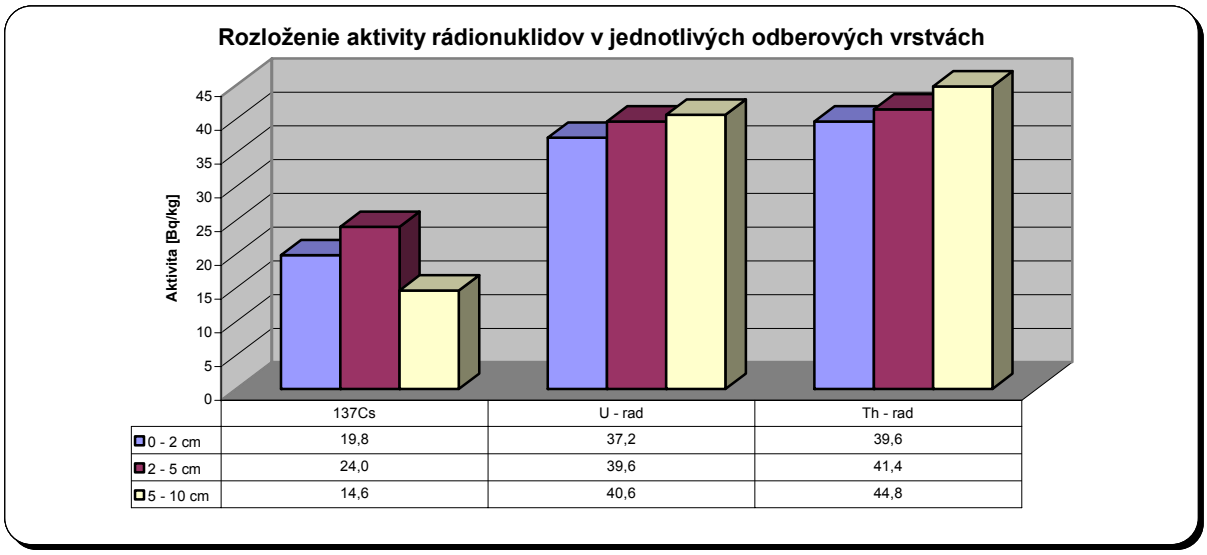


Table 54 IN SITU Tekovský Hrádok, 2007

TERÉNNA GAMASPEKTROMETRIA

IN SITU TEKOVSKÝ HRÁDOK

Evid.číslo protokolu	2008/2123						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	1480	±	260	1,91	±	0,33	0,304
^{40}K	574	±	54	23,9	±	2,2	*
U - rad	44,0	±	6,6	21,4	±	1,9	*
Th - rad	40,6	±	14,1	24,7	±	2,1	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2124			2008/2125			2008/2126		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	18,8	±	1,6	17,4	±	1,5	9,31	±	0,88
^{40}K	536	±	42	555	±	44	601	±	48
U - rad	34,2	±	3,8	35,6	±	3,9	38,6	±	4,2
Th - rad	38,9	±	7,3	41,4	±	8,0	44,4	±	8,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2123	72 ± 4
ionizačná komora (RSS - 112)	2008/2128	98 ± 4

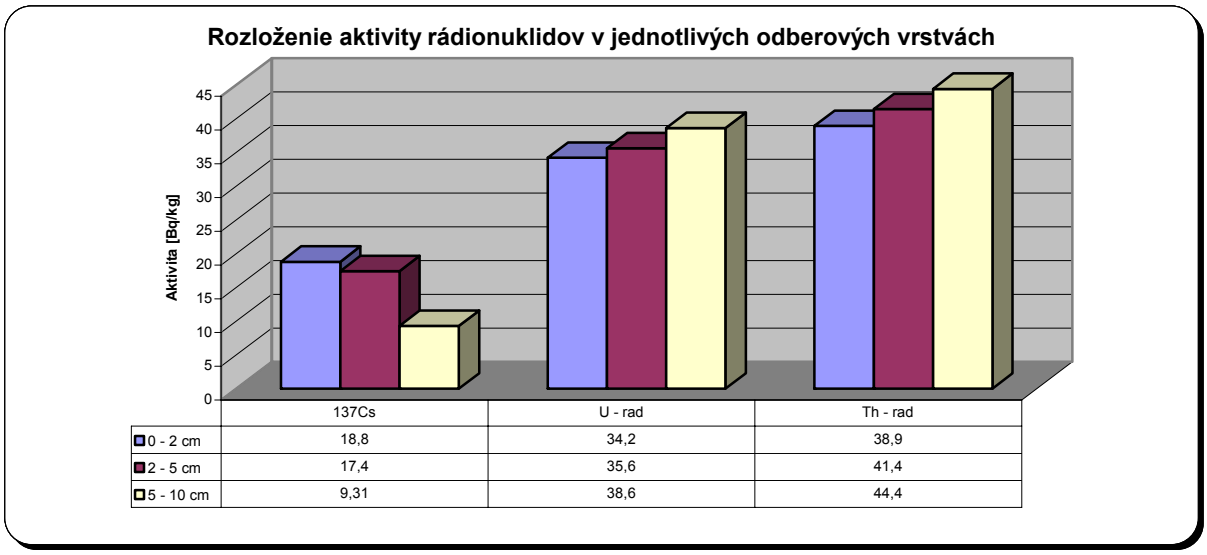


Table 55 IN SITU Tekovský Hrádok, 2008

TERÉNNA GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2005/0925		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<52,4	<0,03	-
^{137}Cs	5140 ± 280	6,47 ± 0,36	0,258
^{40}K	569 ± 30	23,7 ± 1,2	-
U - rad	37,5 ± 3,1	17,1 ± 0,8	-
Th - rad	33,3 ± 5,9	21,1 ± 0,9	-

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0941	2005/0942	2005/0943
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<1,12	<0,688	<0,894
^{137}Cs	44,4 ± 2,10	49,3 ± 2,3	33,2 ± 1,60
^{40}K	533 ± 26	536 ± 25	539 ± 26
U - rad	29,2 ± 2,1	30,5 ± 2	32,9 ± 2,2
Th - rad	29,1 ± 3,7	31,6 ± 3,4	31,1 ± 3,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0925	68 ± 2
ionizačná komora (RSS - 112)	2005/0950	89 ± 4

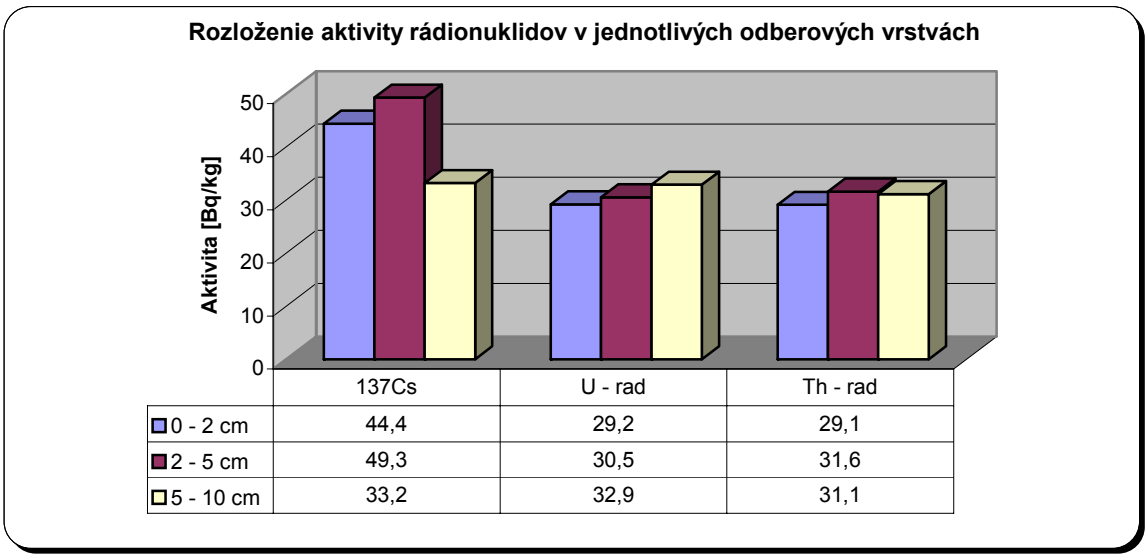


Table 56 IN SITU Nový Tekov, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2005/1656		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<252	<0,3	*
^{137}Cs	4900 ± 280	6,27 ± 0,36	0,276
^{40}K	553 ± 29	23,1 ± 1,2	*
U - rad	31,6 ± 2,8	14,6 ± 0,8	*
Th - rad	33,8 ± 5,8	20,3 ± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1663	2005/1664	2005/1665
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,710	<0,708	<0,729
^{137}Cs	44,7 ± 2,1	46,1 ± 2,1	32,3 ± 1,5
^{40}K	517 ± 24	510 ± 24	525 ± 25
U - rad	30,4 ± 2,0	32,8 ± 2,2	32,6 ± 2,2
Th - rad	31,1 ± 3,5	29,9 ± 3,4	31,1 ± 3,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1656	64 ± 2
ionizačná komora (RSS - 112)	2005/1646	92 ± 4

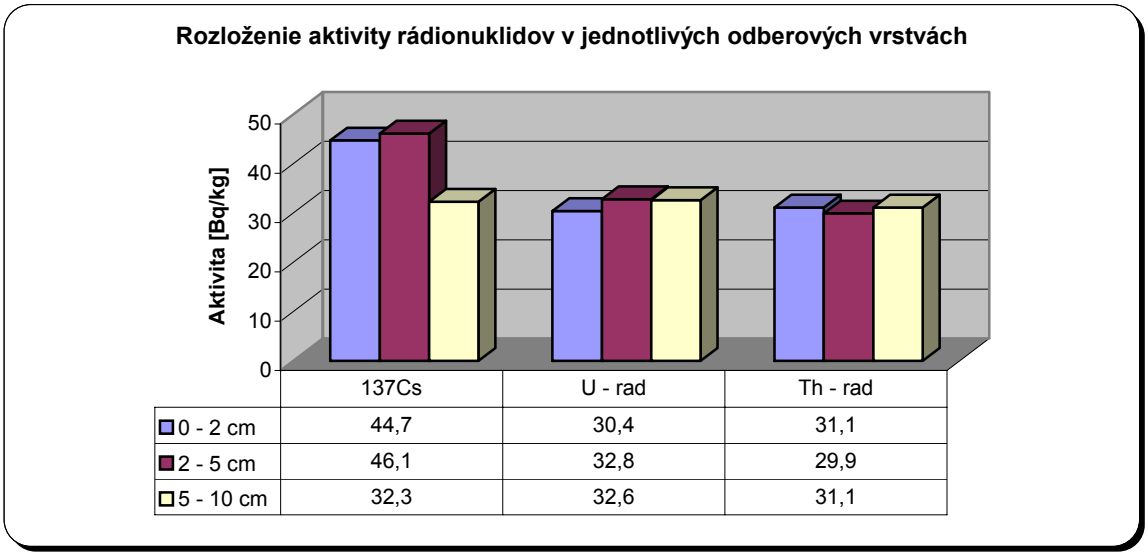


Table 57 IN SITU Nový Tekov, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2006/1568						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4820	±	260	5,96	±	0,33	0,280
^{40}K	533	±	28	22,2	±	1,2	*
U - rad	30,4	±	2,6	14,7	±	0,7	*
Th - rad	30,5	±	4,9	19,0	±	0,8	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1570			2006/1571			2006/1572		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	44,4	±	2,0	43,7	±	2,0	35,6	±	1,6
^{40}K	485	±	23	460	±	22	534	±	25
U - rad	27,6	±	1,8	25,9	±	1,7	31,5	±	2,1
Th - rad	28,2	±	3,1	27,2	±	3,1	32,5	±	3,5

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1568	62 ± 2
ionizačná komora (RSS - 112)	2006/1573	95 ± 3

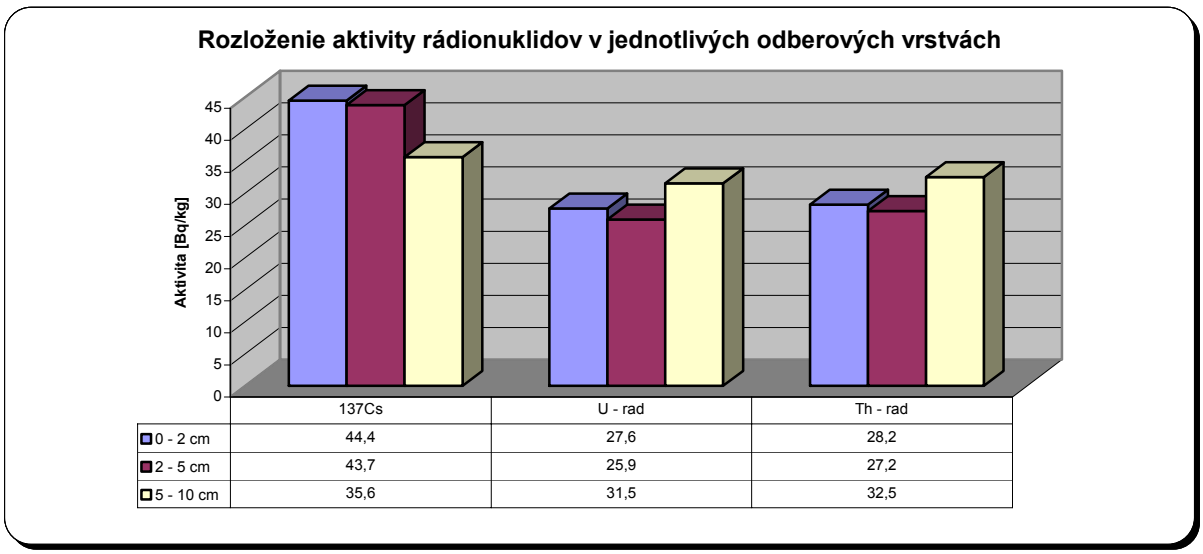


Table 58 IN SITU Nový Tekov, 2006

TERÉNNA GAMASPEKTROMETRIA

IN SITU NOVÝ TEKOV

Evid.číslo protokolu	2007/1818						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	4600	±	250	5,69	±	0,31	0,270
^{40}K	517	±	25	21,6	±	1,0	*
U - rad	35,4	±	3,1	16,4	±	1,4	*
Th - rad	30,8	±	3,7	18,6	±	2,2	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1830			2007/1831			2007/1832		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	47,3	±	2,2	48,7	±	2,2	36,4	±	1,7
^{40}K	503	±	24	508	±	24	556	±	26
U - rad	28,5	±	1,9	30,2	±	2,0	31,5	±	2,1
Th - rad	29,0	±	3,0	29,8	±	3,2	31,4	±	3,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1818	62 ± 3
ionizačná komora (RSS - 112)	2007/1812	90 ± 4

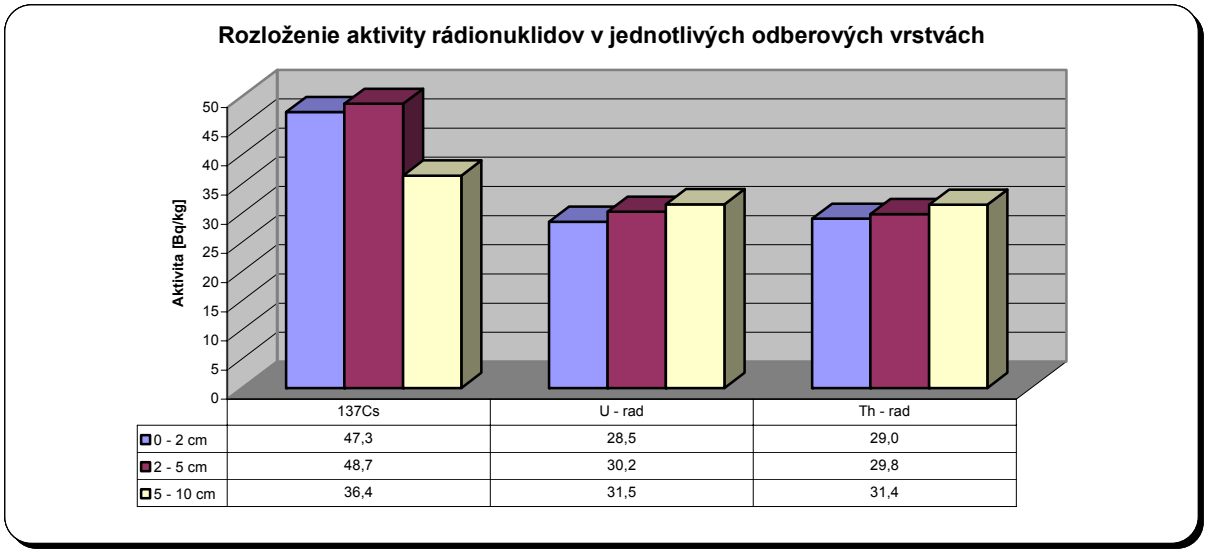


Table 59 IN SITU Nový Tekov, 2007

TERÉNNA GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2005/0926		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<55,2	<0,03	*
^{137}Cs	208 ± 82	0,249 ± 0,098	0,264
^{40}K	597 ± 31	24,9 ± 1,3	*
U - rad	35,1 ± 2,8	17,0 ± 0,8	*
Th - rad	37,9 ± 5,8	24,0 ± 0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/0944	2005/0945	2005/0946
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<1,21	<0,77	<1,30
^{137}Cs	3,17 ± 0,40	3,17 ± 0,28	1,91 ± 0,20
^{40}K	523 ± 25	597 ± 28	614 ± 30
U - rad	31,2 ± 2,2	35,6 ± 2,3	36,4 ± 2,5
Th - rad	37,6 ± 4,4	43,9 ± 4,5	44,2 ± 5,1

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/0926	66 ± 2
ionizačná komora (RSS - 112)	2005/0951	105 ± 3

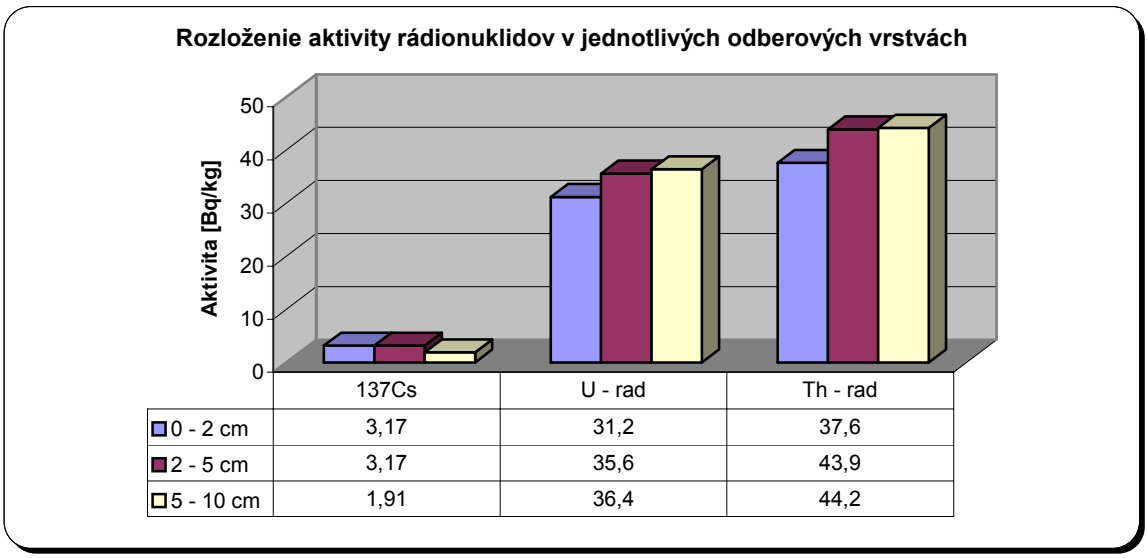


Table 60 IN SITU EMO, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2005/1659		
	Aktivita	Príkon dávky	
Rádionuklid	[Bq/m^2] resp. [Bq/kg]	[nGy/hod]	α/δ
^{134}Cs	<270	<0,3	*
^{137}Cs	400 ± 75	0,482 ± 0,091	0,216
^{40}K	605 ± 31	25,2 ± 1,3	*
U - rad	32,3 ± 2,8	15,5 ± 0,8	*
Th - rad	38,4 ± 6,3	24,2 ± 1,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2005/1672	2005/1673	2005/1674
Odberové vrstvy	0 - 2 cm	2 - 5 cm	5 - 10 cm
Aktivita	[Bq/kg]		
^{134}Cs	<0,775	<0,805	<0,721
^{137}Cs	3,20 ± 0,29	4,24 ± 0,24	1,93 ± 0,13
^{40}K	574 ± 27	585 ± 28	608 ± 28
U - rad	35,4 ± 2,3	39,1 ± 2,6	36,2 ± 2,4
Th - rad	41,4 ± 4,4	43,9 ± 4,6	43,1 ± 4,4

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2005/1659	65 ± 2
ionizačná komora (RSS - 112)	2005/1649	104 ± 4

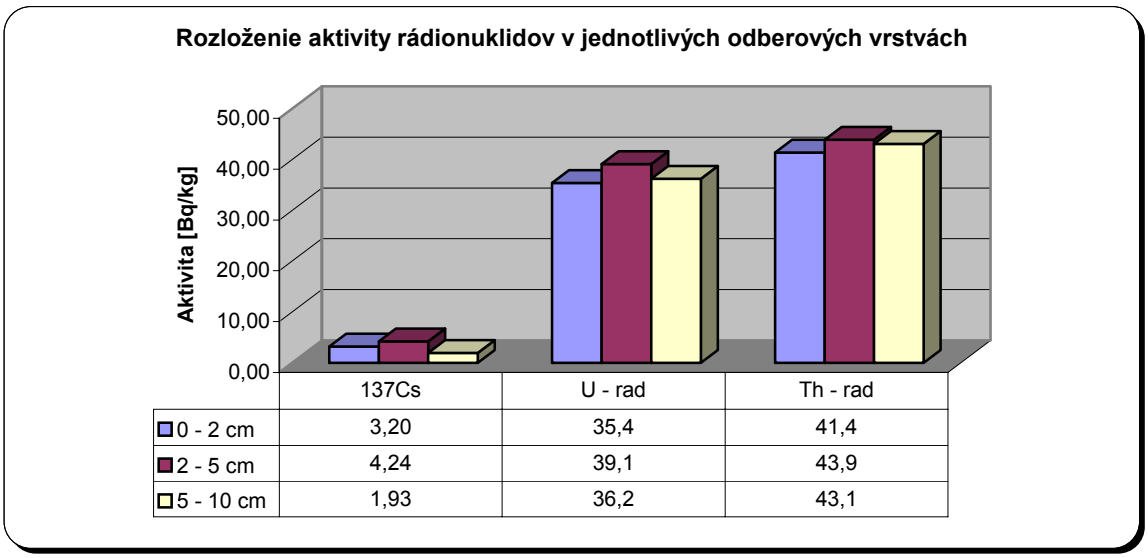


Table 61 IN SITU EMO, 2005

TERÉNNA GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2006/1554						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	339	±	39	0,399	±	0,046	0,296
^{40}K	581	±	30	24,2	±	1,3	*
U - rad	33,1	±	2,7	16,1	±	0,8	*
Th - rad	38,6	±	6,2	23,0	±	0,9	*

AKTIVITA PÔDY

Evid.číslo protokolu	2006/1534			2006/1535			2006/1536		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	3,51	±	0,21	2,99	±	0,17	2,77	±	0,18
^{40}K	529	±	25	496	±	23	596	±	28
U - rad	32,1	±	2,3	29,0	±	1,9	36,3	±	2,4
Th - rad	39,4	±	4,2	37,2	±	3,9	44,1	±	4,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2006/1554	64 ± 2
ionizačná komora (RSS - 112)	2006/1550	110 ± 4

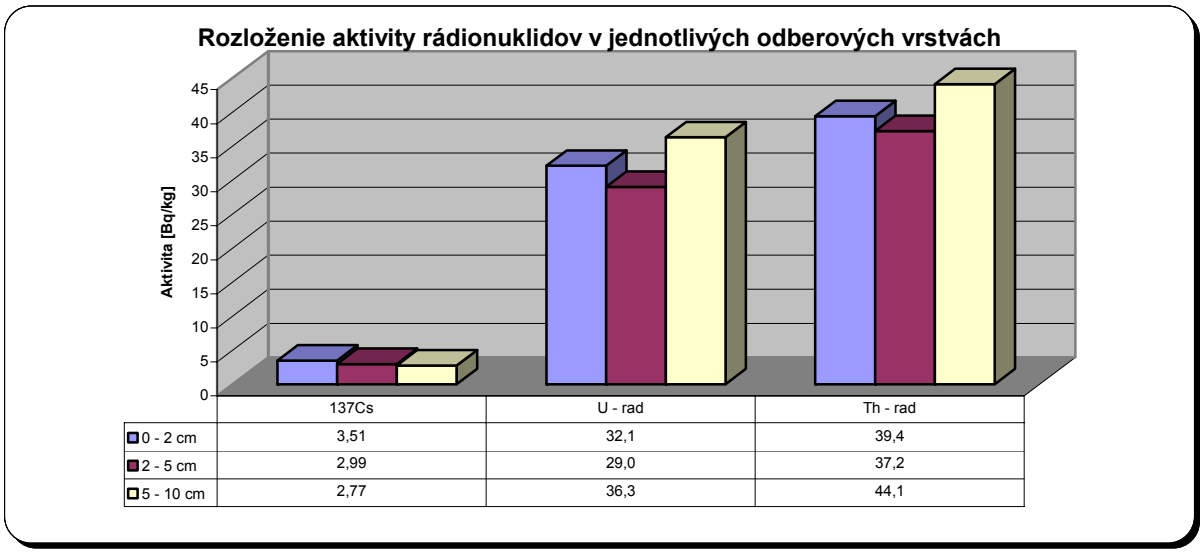


Table 62 IN SITU EMO, 2006

TERÉNNA GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2007/1821						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	284	±	81	0,328	±	0,094	0,259
^{40}K	576	±	27	24,0	±	1,1	*
U - rad	34,6	±	2,8	16,0	±	1,3	*
Th - rad	33,8	±	3,7	20,4	±	2,2	*

AKTIVITA PÔDY

Evid.číslo protokolu	2007/1839			2007/1840			2007/1841		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	3,10	±	0,19	3,12	±	0,25	4,02	±	0,23
^{40}K	539	±	26	577	±	27	576	±	27
U - rad	33,4	±	2,3	35,2	±	2,3	36,2	±	2,4
Th - rad	39,0	±	4,3	43,7	±	4,6	43,9	±	4,6

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2007/1821	61 ± 3
ionizačná komora (RSS - 112)	2007/1815	106 ± 4

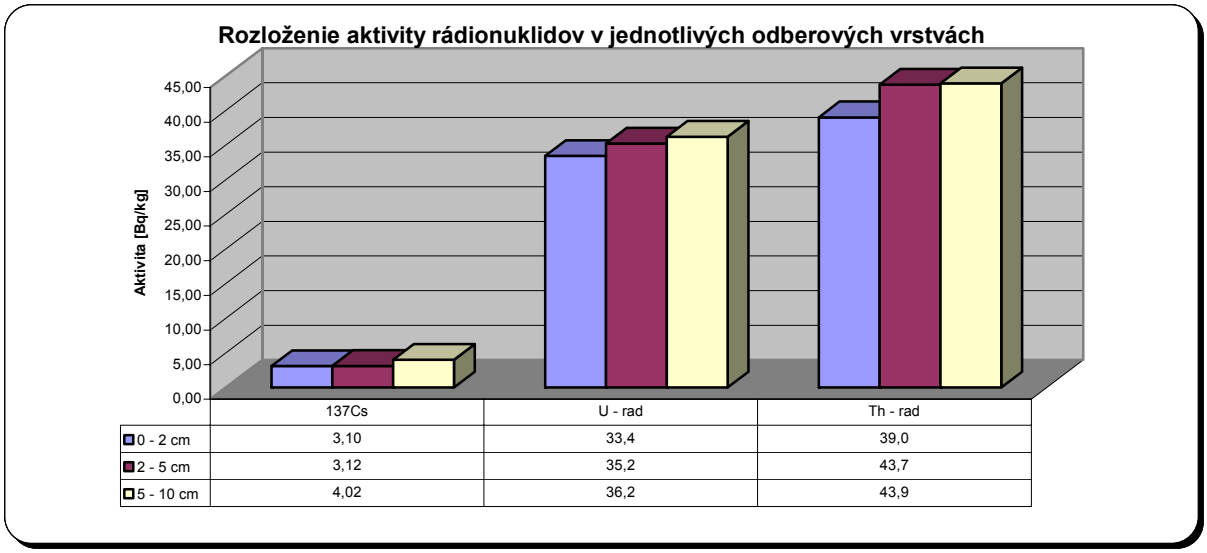


Table 63 IN SITU Areál EMO, 2007

TERÉNNA GAMASPEKTROMETRIA

IN SITU AREÁL EMO

Evid.číslo protokolu	2008/2129						
	Aktivita			Príkon dávky			
Rádionuklid	[Bq/m^2] resp. [Bq/kg]			[nGy/hod]			α/δ
^{137}Cs	432	±	96	0,510	±	0,114	0,277
^{40}K	568	±	52	23,7	±	2,2	*
U - rad	37,2	±	6,9	18,6	±	1,7	*
Th - rad	36,3	±	11,9	23,7	±	2,0	*

AKTIVITA PÔDY

Evid.číslo protokolu	2008/2130			2008/2131			2008/2132		
Odberové vrstvy	0 - 2 cm			2 - 5 cm			5 - 10 cm		
Aktivita	[Bq/kg]								
^{137}Cs	3,50	±	0,37	3,21	±	0,35	2,30	±	0,30
^{40}K	565	±	45	571	±	45	574	±	45
U - rad	33,4	±	3,7	35,1	±	3,9	33,9	±	3,8
Th - rad	41,6	±	7,7	42,6	±	8,0	43,8	±	7,9

DÁVKOVÝ PRÍKON

Spôsob merania	Ev.č. prot.	Príkon dávky [nGy/h] resp. [nSv/h]
polovodičový Ge/Li detektor (PGT)	2008/2129	67 ± 3
ionizačná komora (RSS - 112)	2008/2134	110 ± 4

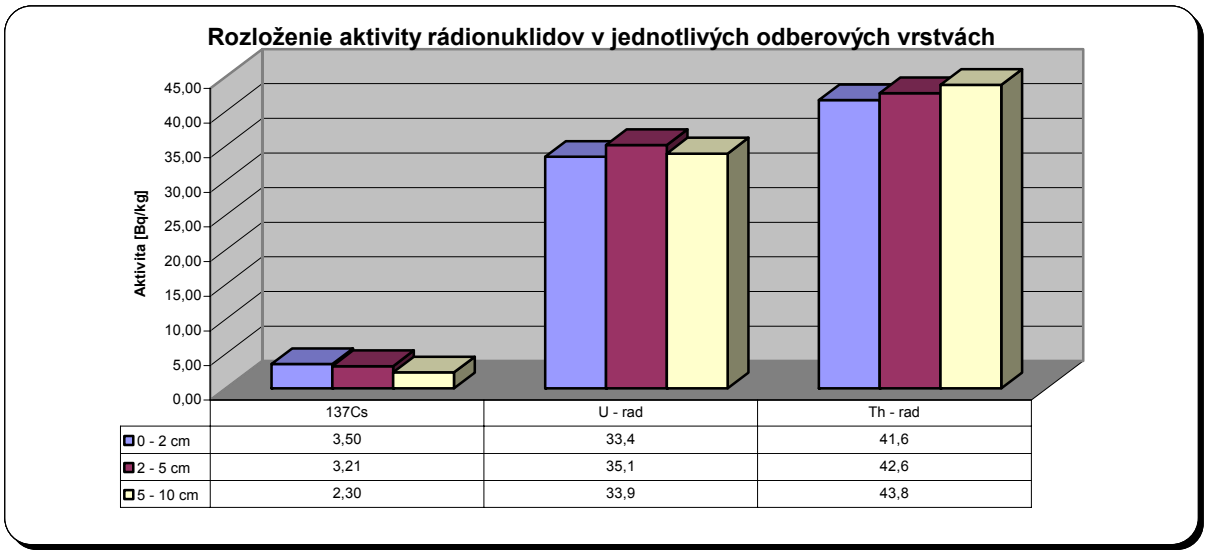
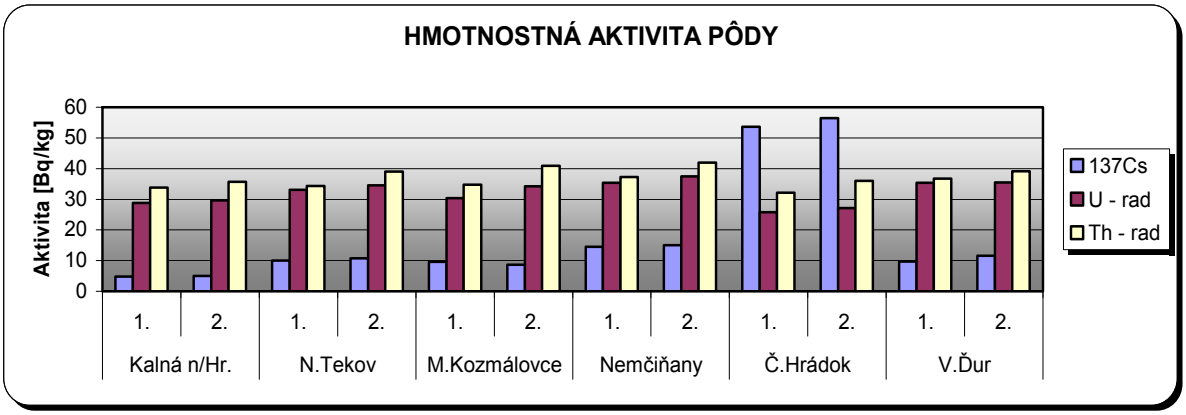


Table 64 IN SITU EMO, 2008

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Ra-nuklid / Evid.č.prot.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Kalná n/Hr.	1.	2005/0680	<0,946	4,76 ± 0,34	552 ± 35	28,8 ± 2,6	33,8 ± 4,7
	2.	2005/1982	<0,770	4,96 ± 0,34	506 ± 24	29,6 ± 2,0	35,7 ± 4,0
N.Tekov	1.	2005/0685	<0,991	10,0 ± 0,7	621 ± 39	33,1 ± 2,9	34,3 ± 4,7
	2.	2005/1987	<1,27	10,7 ± 0,7	585 ± 28	34,5 ± 2,5	39,0 ± 5,1
M.Kozmálovce	1.	2005/0684	<1,01	9,65 ± 0,63	608 ± 38	30,4 ± 2,7	34,7 ± 4,9
	2.	2005/1986	<1,02	8,62 ± 0,52	587 ± 28	34,2 ± 2,4	40,9 ± 4,6
Nemčiňany	1.	2005/0683	<1,06	14,5 ± 0,9	596 ± 37	35,4 ± 3,1	37,3 ± 5,2
	2.	2005/1985	<1,03	15,0 ± 0,9	561 ± 27	37,5 ± 2,6	42,0 ± 4,9
Č.Hrádok	1.	2005/0682	<0,994	53,6 ± 3,3	583 ± 37	25,8 ± 2,3	32,1 ± 4,5
	2.	2005/1984	<1,22	56,5 ± 2,7	572 ± 28	27,1 ± 2,0	36,0 ± 4,6
V.Ďur	1.	2005/0681	<1,04	9,72 ± 0,63	585 ± 37	35,4 ± 3,2	36,7 ± 5,1
	2.	2005/1983	<1,33	11,6 ± 0,8	559 ± 27	35,5 ± 2,5	39,1 ± 4,9



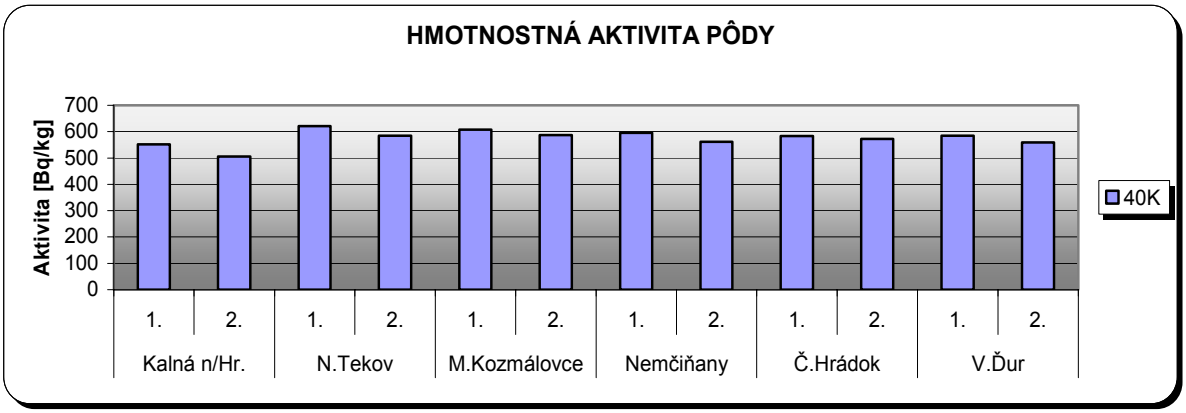
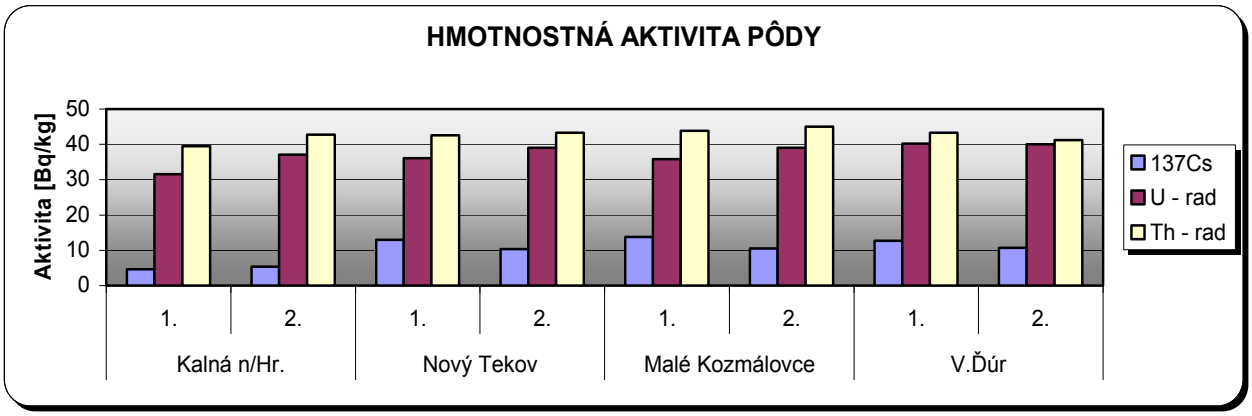


Table 65 Soil specific activity (gamma spectrometry), 2005

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid / Evid.č.prot.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Kalná n/Hr.	1.	2006/0522	4,62 ± 0,24	563 ± 26	31,6 ± 2,1	39,5 ± 4,1
	2.	2006/1759	5,38 ± 0,29	561 ± 26	37,1 ± 2,5	42,7 ± 4,6
Nový Tekov	1.	2006/0525	13,0 ± 0,6	626 ± 29	36,1 ± 2,4	42,6 ± 4,5
	2.	2006/1762	10,3 ± 0,5	633 ± 30	39,0 ± 2,6	43,3 ± 4,6
Malé Kozmálovce	1.	2006/0524	13,8 ± 0,7	640 ± 30	35,8 ± 2,4	43,8 ± 4,6
	2.	2006/1761	10,5 ± 0,5	638 ± 30	39,0 ± 2,6	45,0 ± 4,8
V.Ďúr	1.	2006/0523	12,7 ± 0,6	608 ± 29	40,2 ± 2,6	43,3 ± 4,5
	2.	2006/1760	10,7 ± 0,5	596 ± 28	40,0 ± 2,6	41,2 ± 4,3



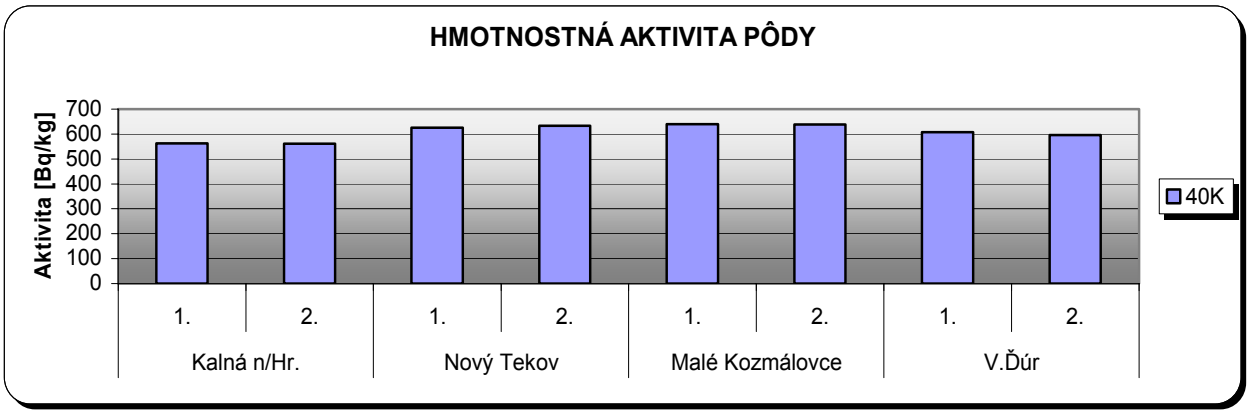
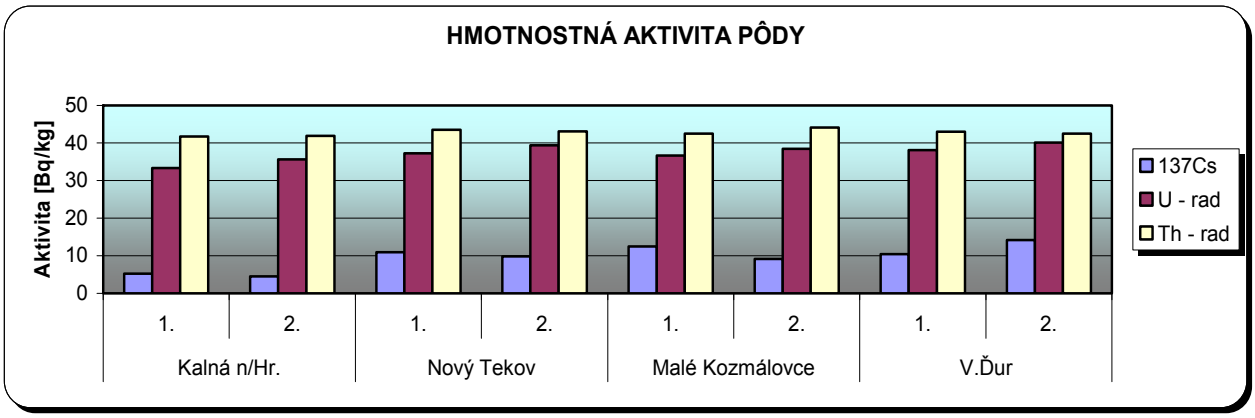


Table 66 Soil specific activity (gamma spectrometry) ,2006

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid / Evid.č.prot.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Kalná n/Hr.	1.	2007/0283	5,23 ± 0,39	567 ± 32	33,3 ± 2,7	41,7 ± 5,2
	2.	2007/1917	4,56 ± 0,30	555 ± 25	35,6 ± 2,4	41,9 ± 4,5
Nový Tekov	1.	2007/0286	10,9 ± 0,7	631 ± 36	37,3 ± 3,0	43,5 ± 5,5
	2.	2007/1920	9,85 ± 0,48	616 ± 29	39,4 ± 2,6	43,1 ± 4,5
Malé Kozmálovce	1.	2007/0285	12,5 ± 0,8	632 ± 36	36,7 ± 2,9	42,5 ± 5,2
	2.	2007/1919	9,13 ± 0,51	651 ± 31	38,5 ± 2,5	44,1 ± 4,6
V.Ďur	1.	2007/0284	10,4 ± 0,6	597 ± 34	38,1 ± 3,1	43,0 ± 5,4
	2.	2007/1918	14,2 ± 0,7	595 ± 28	40,1 ± 2,6	42,5 ± 4,6



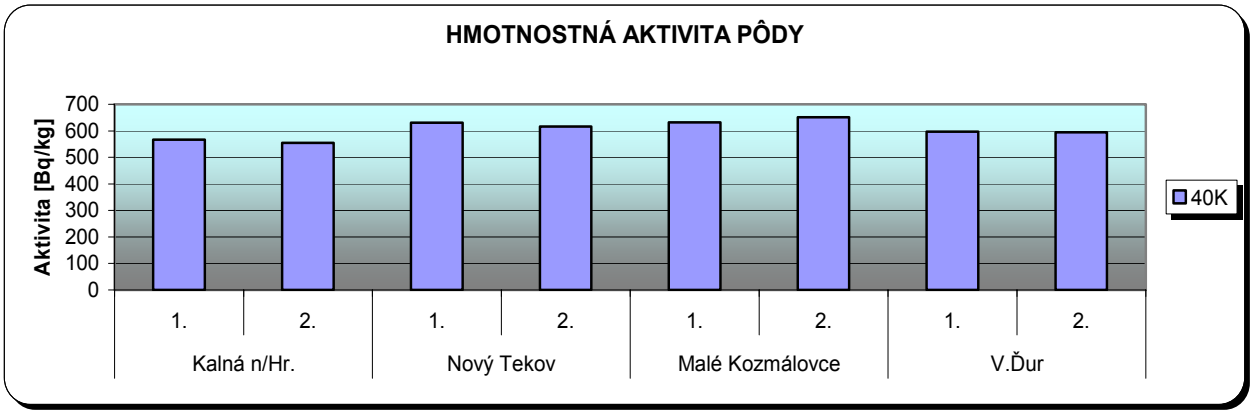
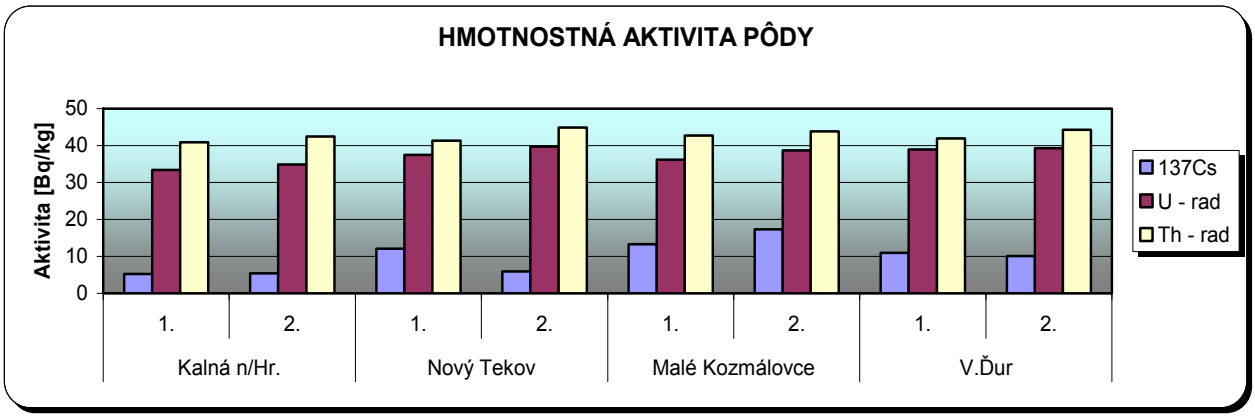


Table 67 Soil specific activity (gamma spectrometry), 2007

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - gamaspektrometria

Lokalita	P. r.	Rádionuklid / Evid.č.prot.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Kalná n/Hr.	1.	2008/0971	5,23 ± 0,49	538 ± 43	33,4 ± 3,7	40,9 ± 7,9
	2.	2008/1905	5,39 ± 0,50	558 ± 44	34,9 ± 3,9	42,4 ± 8,0
Nový Tekov	1.	2008/0974	12,1 ± 1,0	595 ± 47	37,5 ± 4,1	41,3 ± 7,7
	2.	2008/1908	5,92 ± 0,78	641 ± 50	39,7 ± 4,3	44,9 ± 8,2
Malé Kozmálovce	1.	2008/0973	13,3 ± 1,1	624 ± 49	36,2 ± 4,0	42,7 ± 7,9
	2.	2008/1907	17,3 ± 1,4	629 ± 49	38,7 ± 4,3	43,8 ± 8,1
V.Ďur	1.	2008/0972	11,0 ± 0,9	585 ± 46	39,0 ± 4,3	41,9 ± 8,0
	2.	2008/1906	10,1 ± 0,8	604 ± 48	39,3 ± 4,3	44,3 ± 8,1



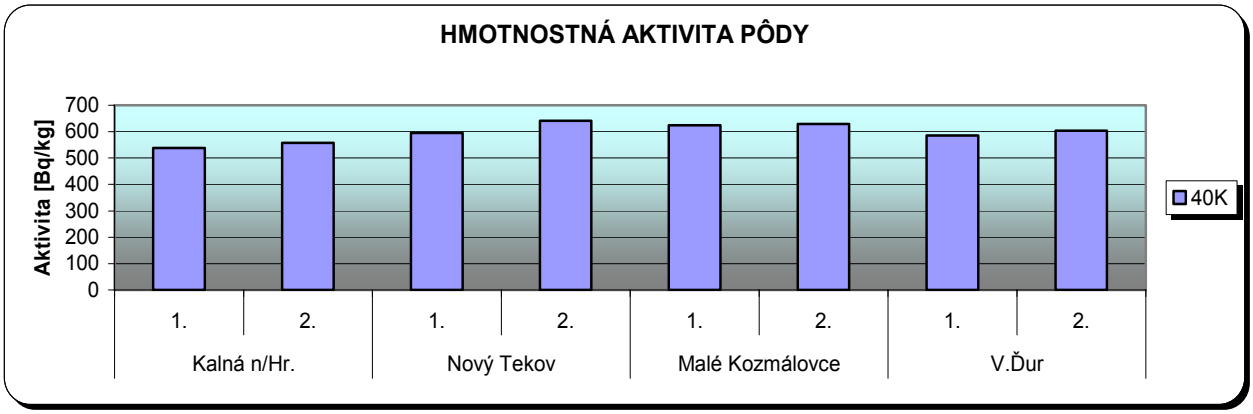


Table 68 Soil specific activity (gamma spectrometry), 2008

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]		
Kalná n/Hronom	2005/680	1,7	±	0,3
Veľký Ďur	2005/681	2,7	±	0,4
Červený Hrádok	2005/682	1,6	±	0,3
Nemčiňany	2005/683	2,8	±	0,4
Malé Kozmálovce	2005/684	3	±	0,4
Nový Tekov	2005/685	3,9	±	0,5

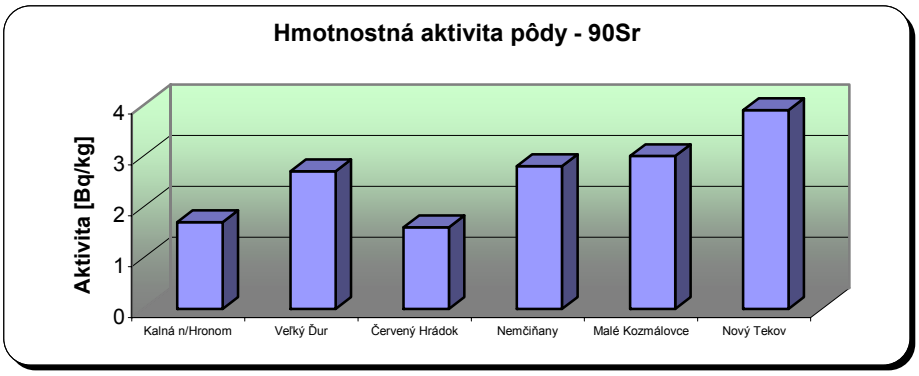


Table 69 Soil specific activity – 2005

TERÉNNA GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]		
Tekovský Hrádok	2005/952	3,7	±	0,5
Nový Tekov	2005/955	3,2	±	0,4
Tesárske Mlyňany arboretum	2005/954	4,3	±	0,6
Vráble	2005/953	2	±	0,2
SE EMO Mochovce	2005/956	3,9	±	0,5

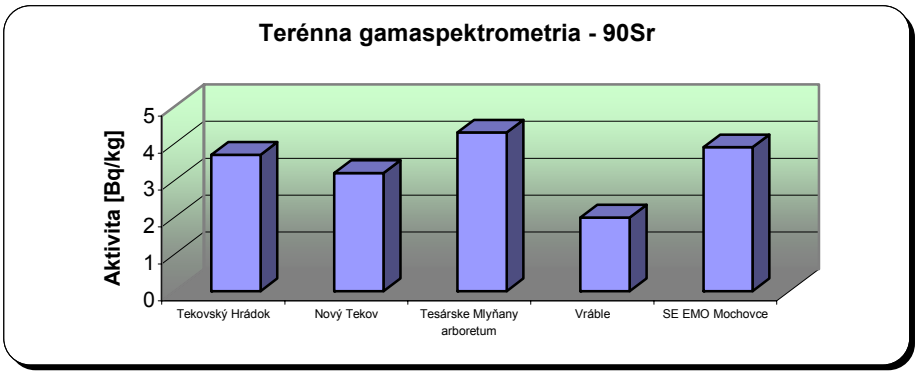
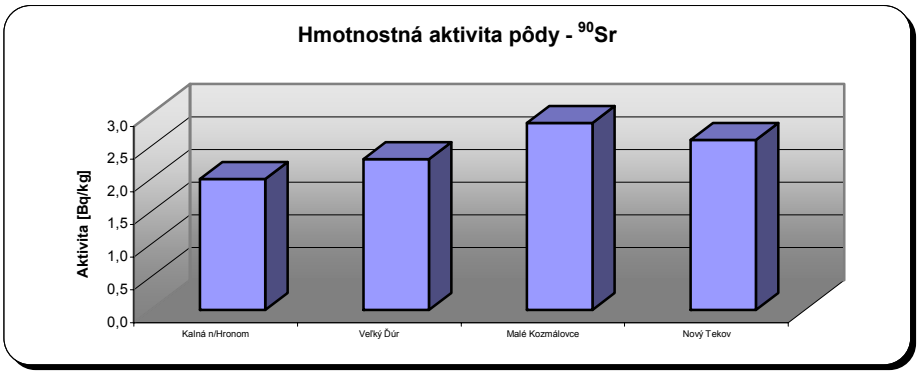


Table 70 Soil specific activity (radiochemistry) – 2005

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Kalná n/Hronom	2006/522	2,0 ± 0,1
Veľký Ďúr	2006/523	2,3 ± 0,1
Malé Kozmálovce	2006/524	2,9 ± 0,1
Nový Tekov	2006/525	2,6 ± 0,1



TERÉNNA GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tekovský Hrádok	2006/1541	3,5	±	0,1
Nový Tekov	2006/1571	2,3	±	0,1
Tesárske Mlyňany arboretum	2006/1544	3,0	±	0,1
Vráble	2006/1538	1,3	±	0,1
SE EMO Mochovce	2006/1535	2,0	±	0,1

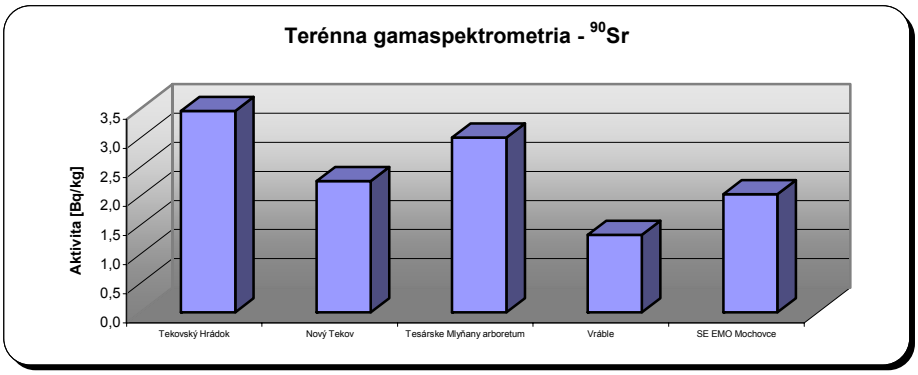


Table 71 Soil specific activity (radiochemistry) ,2006

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Kalná n/Hronom	2007/283	2,0 ± 0,1
Veľký Ďúr	2007/284	2,3 ± 0,1
Malé Kozmálovce	2007/285	2,0 ± 0,1
Nový Tekov	2007/286	2,8 ± 0,1

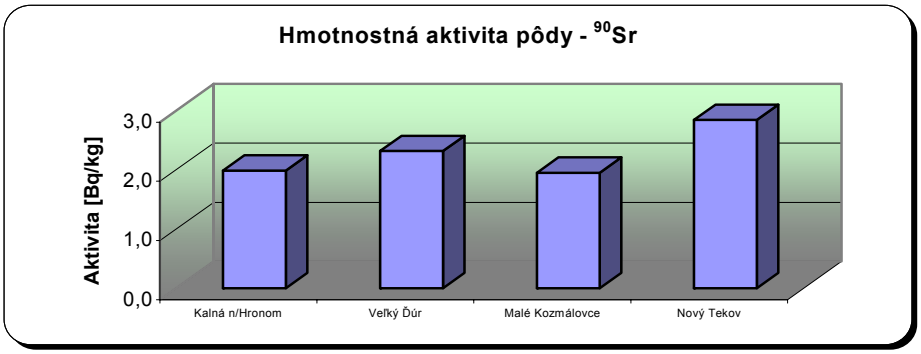


Table 72 Soil specific activity (radiochemistry) ,2007

TERÉNNA GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tekovský Hrádok	2007/1828	2,9	±	0,2
Nový Tekov	2007/1831	3,0	±	0,2
Tesárske Mlyňany arboretum	2007/1834	3,2	±	0,2
Vráble	2007/1837	1,6	±	0,1
SE EMO Mochovce	2007/1840	1,4	±	0,1

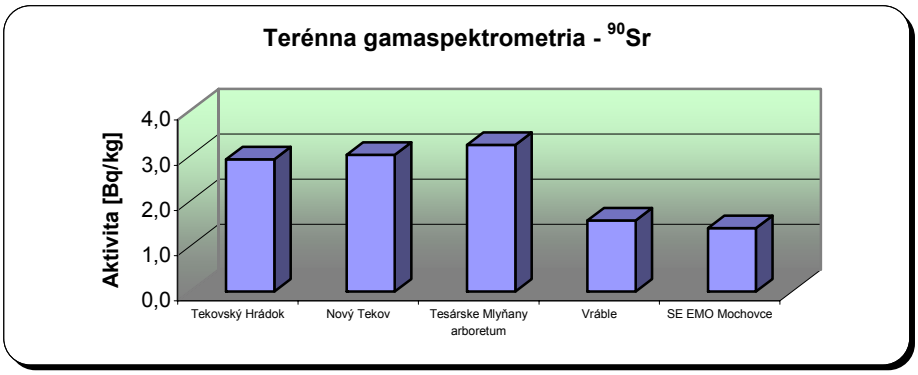


Table 73 Soil specific activity (radiochemistry), 2007

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: stabilné dozimetrické staničky - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Kalná n/Hronom	2008/971	1,1 ± 0,2
Veľký Ďur	2008/972	2,3 ± 0,4
Malé Kozmálovce	2008/973	1,8 ± 0,3
Nový Tekov	2008/974	2,0 ± 0,4

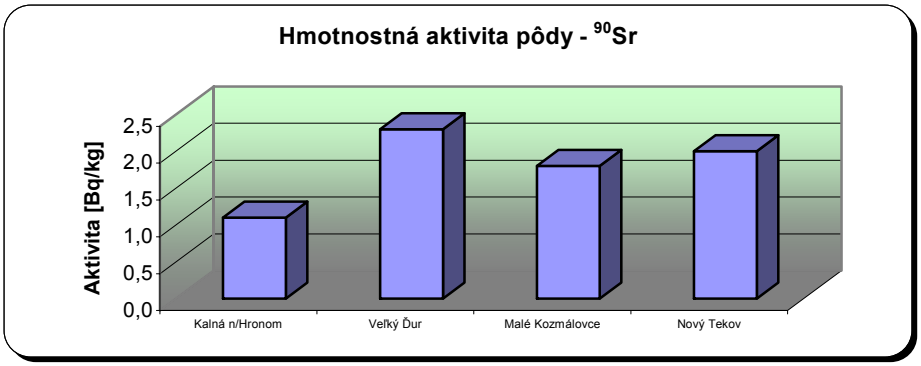


Table 74 Soil specific activity (radiochemistry), 2008

TERÉNNA GAMASPEKTROMETRIA

Lokalita: IN SITU - rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tekovský Hrádok	2008/2125	2,4	±	0,5
Nový Tekov	*	*	±	*
Tesárske Mlyňany arboretum	2008/2119	3,3	±	0,6
Vráble	2008/2113	1,8	±	0,3
SE EMO Mochovce	2008/2131	0,8	±	0,2

* - na danej lokalite nebolo uskutočnené meranie INSITU z objektívnych príčin

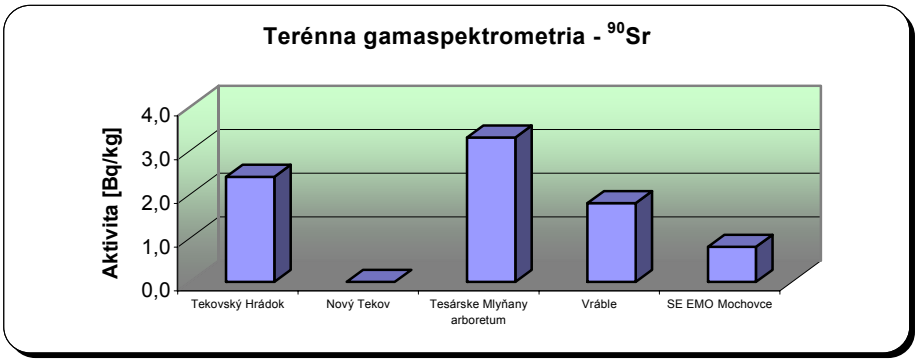


Table 75 Soil specific activity (radiochemistry), 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0001	<2,52	<2,36	<29,9	1900 ± 95	<9,67	<16,5	23,5
2	2005/0016	<2,56	<2,42	<23,0	1970 ± 101	<11,3	<17,6	26,9
3	2005/0037	<1,99	<2,01	<22,5	2130 ± 104	<9,51	<14,6	28,7
4	2005/0052	<2,23	<2,31	<27,0	1120 ± 64	<12,9	<20,4	17,8
5	2005/0121	<2,24	<2,20	<25,3	1660 ± 84	<9,85	<15,5	28,8
6	2005/0152	<2,16	<2,15	41,2 ± 11,1	4850 ± 231	<10,3	<15,6	67,5
7	2005/0186	<2,22	<1,97	19,1 ± 11,1	1240 ± 66	<9,67	<13,7	53,1
8	2005/0251	<1,94	<1,87	<23,7	1390 ± 74	<9,79	<14,7	26,1
9	2005/0266	<2,04	<2,05	<20,8	1940 ± 97	<10,1	<15,3	35,7
10	2005/0301	<2,17	<1,76	26,1 ± 9,5	2860 ± 138	<10,7	<15,8	38,8
11	2005/0328	<2,44	<2,28	<27,2	2940 ± 147	<12,2	<17,1	43,6
12	2005/0345	<2,12	<1,92	29,4 ± 11,7	4840 ± 232	<11,1	<15,0	44,2
13	2005/0373	<2,17	<2,02	<23,1	4750 ± 223	<10,7	<15,7	48,0
14	2005/0392	<2,12	<2,17	<24,7	7380 ± 341	<11,3	<15,7	75,0
15	2005/0424	<1,71	<1,64	<19,5	6200 ± 283	<6,62	<8,07	49,2
16	2005/0485	<1,48	<1,45	<16,6	4420 ± 203	<7,77	<9,86	37,8
17	2005/0551	<2,32	<2,28	<28,3	4880 ± 233	<12,6	<16,8	32,7
18	2005/0634	<2,24	<2,23	<25,4	5510 ± 264	<10,6	<16,2	37,6
19	2005/0661	<1,98	<2,07	<20,5	3270 ± 155	<9,05	<13,6	20,8
20	2005/0694	<2,06	<2,08	<25,0	3370 ± 160	<8,64	<13,7	22,8
21	2005/0748	<2,19	<2,17	<24,5	4890 ± 229	<10,1	<14,5	44,6
22	2005/0815	<2,09	<2,25	<27,2	5590 ± 260	<10,0	<14,6	48,5
23	2005/0854	<2,26	<2,07	<23,5	4280 ± 202	<10,1	<14,5	31,8
24	2005/0874	<2,21	<2,08	<24,3	4890 ± 230	<9,64	<14,1	23,8
25	2005/0906	<2,20	<2,14	<21,9	5450 ± 254	<9,11	<12,9	24,9
26	2005/1003	<2,36	<2,28	<28,1	6120 ± 290	<12,2	<17,4	24,8

Table 76 Aerosol activity (gamma spectrometry) - SDS ERML, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2005/1023**	<2,35	<2,10	26,2 ± 9,4	3590 ± 172	<8,45	<11,8	18,0
28	**2005/1054**	<2,26	<2,33	26,9 ± 8,3	4530 ± 216	10,1 ± 4,3	<13,3	22,6
29	**2005/1072**	<2,09	<2,13	<23,9	6620 ± 306	15,8 ± 4,0	<13,2	23,8
30	**2005/1088**	<2,23	<2,11	25,8 ± 8,5	3920 ± 187	10,2 ± 4,3	<16,0	26,8
31	**2005/1160**	<2,34	<2,05	<25,0	5250 ± 247	12,4 ± 4,3	<14,9	33,7
32	**2005/1191**	<2,30	<2,11	<23,8	2530 ± 125	<9,68	<16,1	8,90
33	**2005/1239**	<1,94	<1,76	24,1 ± 6,5	3230 ± 153	9,40 ± 3,59	<12,5	14,8
34	**2005/1365**	<1,91	<1,94	<20,4	3860 ± 180	<9,45	<12,0	18,5
35	**2005/1380**	<2,16	<1,99	29,0 ± 7,3	5450 ± 254	18,6 ± 4,8	<13,6	18,5
36	**2005/1418**	<1,96	<1,93	<22,2	5100 ± 238	<9,84	<13,9	22,5
37	**2005/1439**	<2,09	<2,02	<22,8	3810 ± 180	<10,8	<14,5	27,6
38	**2005/1454**	<2,11	<2,24	<22,5	3090 ± 151	<11,2	<16,5	11,4
39	**2005/1517**	<2,17	<2,17	41,3 ± 8,2	4870 ± 228	<10,5	<14,8	22,9
40	**2005/1545**	<2,23	<2,47	30,3 ± 11,9	3300 ± 167	<11,5	<18,3	17,8
41	**2005/1589**	<1,99	<2,05	24,5 ± 9,1	4990 ± 230	13,3 ± 3,5	<12,2	28,7
42	**2005/1608**	<2,08	<2,00	<23,2	2490 ± 120	<9,77	<14,3	23,9
43	**2005/1629**	<1,93	<1,91	<21,8	2260 ± 111	<10,4	<14,4	20,8
44	**2005/1721**	<2,42	<2,32	<26,6	3600 ± 178	<11,6	<17,1	31,6
45	**2005/1775**	<2,09	<2,09	28,1 ± 12,1	1880 ± 98	<11,0	<16,6	52,4
46	**2005/1881**	<2,11	<1,97	<21,4	1300 ± 69	<10,1	<13,9	49,8
47	**2005/1896**	<2,03	<2,05	<21,0	1330 ± 72	<10,5	<15,0	23,5
48	**2005/1989**	<1,63	<1,58	23,5 ± 5,5	1690 ± 80	<5,57	<8,16	24,8
49	**2005/2027**	<1,90	<1,72	<19,0	1500 ± 75	<8,29	<12,0	21,8
50	**2005/2053**	<2,16	4,02 ± 0,91	<23,8	2620 ± 127	<9,95	<13,9	39,7
51	**2005/2119**	<2,25	<2,15	<24,2	1810 ± 93	<9,91	<14,2	18,8
52	**2005/2134**	<2,19	<2,15	<25,0	1070 ± 61	<10,9	<17,6	19,0

Table 77 Aerosol activity (gamma spectrometry) - SDS ERML, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0002	<3,97	<44,7	1470 ± 70	<10,4	<13,5	24,2
2	2006/0017	<5,41	<57,8	6080 ± 290	<13,5	<19,0	38,4
3	2006/0033	<4,56	25,5 ± 9,8	2480 ± 120	<11,9	<15,6	40,7
4	2006/0049	2,19 ± 0,76	<51,8	3020 ± 150	<13,5	<17,5	44,3
5	2006/0064	<3,31	40,0 ± 8,5	4290 ± 200	<9,71	<11,7	53,0
6	2006/0079	<4,51	<50,2	2010 ± 100	<11,2	<15,9	55,6
7	2006/0097	<5,57	<57,2	1620 ± 90	<14,7	<19,7	32,7
8	2006/0126	<3,55	20,3 ± 7,7	2130 ± 100	<9,97	<12,9	31,7
9	2006/0144	0,959 ± 0,626	38,0 ± 9,2	2120 ± 100	<9,97	<14,7	35,9
10	2006/0257	<4,81	<60,5	2500 ± 120	<13,4	<17,5	30,6
11	2006/0295	<4,82	<50,3	2670 ± 130	<13,9	<18,4	44,2
12	2006/0364	<3,97	54,6 ± 9,7	2540 ± 120	<9,43	<13,0	56,1
13	2006/0389	<4,77	<63,9	2420 ± 120	<12,8	<18,0	34,2
14	2006/0411	<3,79	<38,2	2290 ± 110	<9,92	<13,7	17,8
15	2006/0442	<3,01	32,2 ± 6,7	5130 ± 240	<7,89	<9,83	34,0
16	2006/0507	<3,85	14,3 ± 7,2	4140 ± 190	<9,26	<13,2	26,4
17	2006/0530	<4,92	<54,5	5440 ± 260	<13,5	<17,3	36,4
18	2006/0591	<3,76	27,3 ± 7,6	4060 ± 190	<10,1	<14,1	28,0
19	2006/0641	2,73 ± 0,79	24,1 ± 7,6	6910 ± 320	<10,3	<13,6	40,8
20	2006/0678	<3,22	28,9 ± 7,3	6180 ± 280	<8,04	<11,1	36,5
21	2006/0722	<2,65	17,8 ± 5,1	5840 ± 270	<7,54	<9,98	23,2
22	2006/0773	<3,80	17,5 ± 6,4	1920 ± 90	<9,52	<13,5	15,3
23	2006/0790	<3,72	<38,4	3100 ± 150	<9,91	<14,1	14,3
24	2006/0809	<3,98	31,6 ± 8,9	5030 ± 240	<10,9	<14,6	18,5
25	2006/0844	<4,35	34,6 ± 10,8	7250 ± 330	<11,9	<15,7	30,3
26	2006/0860	<3,81	<41,6	6400 ± 300	<11,1	<14,7	25,7

Table 78 Aerosol activity (gamma spectrometry) - SDS ERML, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0927	<4,22	<46,9	5930 ± 280	<11,6	<16,0	15,6
28	2006/0963	<4,06	19,9 ± 9,1	8620 ± 400	<12,1	<16,8	24,8
29	2006/0978	<3,05	29,0 ± 6,7	6700 ± 310	<8,08	<11,1	23,8
30	2006/1104	<2,91	26,9 ± 5,9	7580 ± 350	<7,75	<10,7	34,8
31	2006/1131	<3,67	33,8 ± 7,6	7710 ± 350	<10,3	<13,4	28,0
32	2006/1150	<3,71	<37,8	2570 ± 120	<8,92	<13,7	11,1
33	2006/1168	<5,15	<53,4	3560 ± 170	<11,3	<17,0	13,6
34	2006/1189	<3,78	<38,5	5310 ± 250	<9,92	<14,2	18,8
35	2006/1272	<4,41	<46,9	3290 ± 160	<10,8	<16,3	12,7
36	2006/1319	<2,71	16,6 ± 5,8	3140 ± 150	<6,80	<10,4	15,6
37	2006/1351	<2,90	28,0 ± 6,1	3780 ± 170	<7,75	<10,4	18,6
38	2006/1369	<2,93	31,5 ± 6,2	5750 ± 260	<7,24	<10,6	25,5
39	2006/1387	<4,59	<47,5	5120 ± 240	<10,8	<16,6	22,9
40	2006/1482	<2,47	36,0 ± 6,3	4990 ± 230	<6,09	<8,96	30,8
41	2006/1500	<3,32	<36,8	3570 ± 170	<6,75	<12,5	14,5
42	2006/1574	<3,26	29,6 ± 7,8	4550 ± 210	<8,37	<11,3	29,9
43	2006/1659	<3,86	39,1 ± 8,7	3530 ± 170	<9,46	<13,9	31,7
44	2006/1674	<3,03	24,7 ± 5,9	4890 ± 230	<6,23	<10,9	10,1
45	2006/1715	<3,28	24,7 ± 7,4	4320 ± 200	15,4 ± 3,7	<10,6	19,9
46	2006/1738	<3,84	<44,0	2830 ± 140	<6,95	<14,2	23,9
47	2006/1765	<4,15	<44,3	1450 ± 70	<10,3	<14,8	44,2
48	2006/1881	<3,94	36,1 ± 7,6	1930 ± 90	15,0 ± 3,6	<12,3	32,2
49	2006/1899	<2,94	17,0 ± 6,6	1930 ± 90	<6,91	<10,8	40,4
50	2006/1914*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
51	2006/1929*						
52	2006/1962	<3,61	36,1 ± 8,4	1780 ± 90	<8,51	<12,8	39,1

Table 79 Aerosol activity (gamma spectrometry) - SDS ERML, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0003	<4,39	24,5 ± 9,5	1250 ± 70	<10,1	<14,4	26,3
2	2007/0018	<3,22	35,7 ± 6,2	1480 ± 70	<6,70	<10,9	26,5
3	2007/0036	<3,58	<37,1	2440 ± 120	<9,26	<12,7	22,8
4	2007/0075	<3,13	<33,6	2860 ± 130	<7,97	<11,5	21,3
5	2007/0118	<2,90	<33,4	1640 ± 80	<8,01	<10,5	19,5
6	2007/0152	<2,94	<30,3	1460 ± 70	<7,65	<11,0	19,6
7	2007/0167	<2,99	<32,2	1560 ± 80	<7,73	<10,4	19,5
8	2007/0184	<2,86	16,9 ± 5,9	1720 ± 80	<7,71	<10,7	27,1
9	2007/0200	<2,46	26,3 ± 5,6	2280 ± 110	<5,91	<8,25	35,0
10	2007/0268	<4,21	<49,8	2100 ± 110	<12,0	<16,7	18,8
11	2007/0288	<2,44	26,2 ± 5,6	2520 ± 120	<6,33	<7,83	32,2
12	2007/0323	<3,17	29,3 ± 7,4	2560 ± 120	11,4 ± 3,9	<11,2	35,8
13	2007/0405	<3,31	31,4 ± 7,1	2960 ± 140	<7,79	<11,0	32,5
14	2007/0422	<3,08	33,2 ± 7,7	4600 ± 210	<8,05	<11,3	41,7
15	2007/0447	<3,58	23,3 ± 8,5	4670 ± 220	15,6 ± 4,5	<11,5	39,0
16	2007/0478	<3,89	<44,4	4600 ± 220	<10,0	<13,9	38,6
17	2007/0493	<3,43	33,9 ± 9,0	4680 ± 210	<9,98	<11,9	42,9
18	2007/0562	<3,82	37,3 ± 7,8	4540 ± 210	<10,4	<14,3	34,0
19	2007/0577	<3,04	<34,2	3200 ± 150	<7,75	<10,6	23,9
20	2007/0622	<3,01	16,6 ± 5,9	2210 ± 110	<8,11	<10,8	21,3
21	2007/0647	<3,43	<39,6	2840 ± 130	<9,27	<12,1	26,4
22	2007/0725	<3,99	24,7 ± 8,4	4280 ± 200	<10,5	<14,3	29,9
23	2007/0773	<3,06	<31,6	1920 ± 90	<7,99	<10,3	15,3
24	2007/0789	<2,46	16,2 ± 5,6	5110 ± 230	<7,44	<8,60	19,6
25	2007/0822	<3,82	19,0 ± 7,4	3330 ± 160	<9,86	<12,4	19,6
26	2007/0837	<3,80	34,3 ± 7,9	3440 ± 160	<9,58	<14,5	22,1

Table 80 Aerosol activity (gamma spectrometry) - SDS ERML, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0921**	<3,97	30,5 ± 7,0	3080 ± 150	<10,9	<13,3	17,8
28	**2007/0938**	<3,90	30,7 ± 8,0	3010 ± 150	<10,6	<13,3	17,1
29	**2007/1013**	<3,15	35,1 ± 8,7	3260 ± 150	<9,15	<10,0	19,9
30	**2007/1088**	<3,96	23,1 ± 7,9	4720 ± 220	<10,2	<14,4	36,5
31	**2007/1118**	<3,74	22,2 ± 8,7	3300 ± 160	<9,65	<13,1	20,4
32	**2007/1151**	<3,05	28,8 ± 7,6	3060 ± 140	<8,63	<10,6	21,4
33	**2007/1166**	<3,03	<30,8	3290 ± 150	<8,52	<9,61	17,7
34	**2007/1234**	<3,39	25,6 ± 7,2	3610 ± 160	<9,63	<12,0	20,8
35	**2007/1249**	<3,71	25,1 ± 7,3	3680 ± 170	<9,99	<12,6	23,8
36	**2007/1283**	<2,51	<26,9	2870 ± 130	<7,17	<9,19	14,8
37	**2007/1302**	<4,03	<47,1	1200 ± 60	<11,1	<15,2	9,73
38	**2007/1350**	<3,46	<39,6	3670 ± 170	<9,29	<11,9	19,8
39	**2007/1418**	<3,76	76,0 ± 10,6	3480 ± 160	<10,3	<12,9	20,5
40	**2007/1445**	<2,65	49,8 ± 7,9	2850 ± 130	<6,88	<8,95	19,5
41	**2007/1486**	<3,79	53,0 ± 10,6	2490 ± 120	<10,3	<13,6	23,8
42	**2007/1506**	<2,97	59,7 ± 8,6	2580 ± 120	<7,40	<11,0	30,6
43	**2007/1539**	<3,83	56,7 ± 9,8	1820 ± 90	<9,70	<13,1	20,4
44	**2007/1626**	<3,72	34,6 ± 8,6	791 ± 45	<9,59	<13,5	23,6
45	**2007/1650**	<2,68	46,5 ± 7,8	1300 ± 60	<7,33	<9,50	17,0
46	**2007/1725**	<2,72	53,2 ± 8,4	875 ± 44	<7,17	<10,2	9,36
47	**2007/1796**	<3,10	53,1 ± 9,2	855 ± 45	<7,96	<10,8	25,6
48	**20071844**	<2,93	63,7 ± 8,2	1940 ± 90	<7,81	<10,2	29,8
49	**2007/1859**	<4,10	67,0 ± 11,7	2010 ± 100	<11,3	<15,0	27,3
50	**2007/1902**	<4,25	<57,1	823 ± 48	<10,7	<15,4	23,7
51	**2007/1946**	<3,42	46,4 ± 10,0	1630 ± 80	<8,47	<12,0	40,2
52	**2007/1961**	<2,36	44,2 ± 7,4	2710 ± 130	<6,51	<8,69	41,1

Table 81 Aerosol activity (gamma spectrometry) - SDS ERML, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0001	<3,36	67,6 ± 21,1	1490 ± 130	<9,48	<11,9	32,6
2	2008/0017	<3,21	54,0 ± 20,4	2040 ± 170	<8,98	<11,2	23,8
3	2008/0032	<3,57	65,3 ± 21,2	2240 ± 190	<9,73	<12,7	26,3
4	2008/0047	<3,57	47,0 ± 19,2	1820 ± 160	<8,89	<12,7	23,0
5	2008/0117	1,08 ± 1,05	54,2 ± 17,1	1720 ± 140	<8,64	<11,6	29,8
6	2008/0132	<3,72	79,8 ± 23,4	2150 ± 180	<9,55	<13,5	29,8
7	2008/0159	1,06 ± 1,13	45,4 ± 20,4	1820 ± 160	<9,90	<12,9	31,4
8	2008/0229	<3,59	62,2 ± 22,8	2370 ± 200	<9,98	<12,6	32,8
9	2008/0296	<3,81	54,0 ± 19,3	3220 ± 260	<10,1	<13,3	36,3
10	2008/0325	<3,71	58,8 ± 20,2	3590 ± 280	<10,1	<12,9	23,9
11	2008/0365	<3,84	37,6 ± 18,7	2980 ± 240	<10,7	<13,9	75,7
12	2008/0394	<3,90	37,3 ± 21,0	2870 ± 230	<10,3	<14,2	14,5
13	2008/0410	<2,88	40,7 ± 17,6	1780 ± 150	<8,27	<11,0	16,1
14	2008/0496	<1,86	54,6 ± 15,6	5080 ± 390	<6,69	<8,28	23,1
15	2008/0515	<2,80	<45,9	2460 ± 210	<9,34	<12,4	24,0
16	2008/0532	<3,40	60,2 ± 19,7	3180 ± 250	<9,47	<12,8	30,6
17	2008/0603	<2,49	<38,8	2310 ± 200	<7,96	<10,5	16,4
18	2008/0621	<3,06	61,9 ± 18,3	5040 ± 390	<8,57	<11,2	24,6
19	2008/0640	<3,70	59,1 ± 22,1	2840 ± 230	<10,5	<14,1	20,4
20	2008/0663	<3,56	51,3 ± 19,5	3610 ± 280	<9,41	<13,1	22,9
21	2008/0697	<3,66	61,8 ± 20,1	3160 ± 250	26,9 ± 9,3	<13,6	22,1
22	2008/0775	<2,07	35,9 ± 17,9	2170 ± 180	<7,77	<9,77	18,7
23	2008/0798	<3,76	52,9 ± 22,1	5860 ± 450	<10,0	<12,0	26,3
24	2008/0843	<2,55	<36,6	4330 ± 350	<7,35	<11,6	17,2
25	2008/0860	<3,35	57,5 ± 21,0	2550 ± 200	<8,72	<12,4	18,9
26	2008/0956	<2,30	<35,3	3830 ± 300	<7,65	<9,94	17,8

Table 82 Aerosol activity (gamma spectrometry) - SDS ERML, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0978	<2,09	<37,4	4050 ± 330	<7,03	<10,3	19,6
28	2008/1060	<2,62	<44,2	4320 ± 350	<9,37	<12,3	19,5
29	2008/1084	<2,94	<46,1	3410 ± 290	<8,81	<12,4	23,1
30	2008/1099	<2,79	39,8 ± 15,1	3210 ± 250	<7,31	<9,20	16,6
31	2008/1168	<2,41	36,7 ± 15,9	3570 ± 290	<7,13	<10,3	18,0
32	2008/1182	<2,85	58,3 ± 18,4	4280 ± 330	<7,59	<9,73	22,8
33	2008/1209	<2,68	<46,7	3690 ± 300	<9,22	<11,7	20,4
34	2008/1234	<2,88	59,4 ± 16,8	3570 ± 280	9,72 ± 6,53	<9,96	20,4
35	2008/1280	<2,77	<51,1	3040 ± 250	<10,2	<12,9	24,7
36	2008/1357	<2,89	46,1 ± 23,0	3220 ± 270	<9,54	<12,7	27,1
37	2008/1395	<2,90	68,0 ± 19,5	4690 ± 360	12,2 ± 7,5	<9,63	41,8
38	2008/1410	<2,86	37,4 ± 19,0	2590 ± 220	<9,49	<11,4	17,1
39	2008/1497	<2,90	29,1 ± 14,6	969 ± 85	<7,43	<10,2	15,7
40	2008/1514	<2,45	<35,8	3640 ± 290	5,67 ± 6,25	<10,2	22,1
41	2008/1550	<2,32	<36,0	2290 ± 190	21,0 ± 6,7	<10,6	14,9
42	2008/1570	<2,85	53,3 ± 17,4	1650 ± 140	17,7 ± 7,1	<10,3	30,7
43	2008/1592	<2,61	52,8 ± 14,4	2450 ± 190	8,45 ± 5,25	<9,56	31,9
44	2008/1640	<2,84	<32,0	2490 ± 200	<7,22	<10,2	32,2
45	2008/1713	<2,36	<32,5	3270 ± 390	<6,86	<10,5	24,7
46	2008/1738	<2,27	65,8 ± 21,3	3340 ± 400	<6,77	<9,81	33,9
47	2008/1753	<2,39	31,9 ± 12,8	2580 ± 200	<6,31	<9,08	33,1
48	2008/1830	2,98 ± 1,72	<27,8	1950 ± 160	<7,51	<9,27	17,9
49	2008/1870	<2,26	58,3 ± 20,6	1670 ± 200	<6,67	<10,1	17,1
50	2008/1890	<3,00	20,4 ± 11,1	1510 ± 130	13,7 ± 6,2	<10,6	18,7
51	2008/1935	<3,29	<35,6	2540 ± 210	<8,40	<11,5	17,0
52	2008/2052	<2,54	<34,7	1520 ± 180	<9,42	<11,1	14,2

Table 83 Aerosol activity (gamma spectrometry) - SDS ERML, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0002	<2,57	<2,43	<30,8	1490 ± 82	<11,6	<17,7	20,9
2	2005/0017	<2,52	<2,59	<28,3	1280 ± 70	<11,3	<17,8	25,2
3	2005/0038	<2,24	<2,11	25,7 ± 9,3	2160 106	<9,96	<15,5	25,7
4	2005/0053	<3,15	<3,03	110 ± 28,9	773 ± 60	<15,8	<19,1	15,0
5	2005/0122	<2,40	<2,29	<24,6	1340 ± 75	<8,87	<13,8	25,8
6	2005/0153	<2,36	<2,23	51,5 ± 11,3	4510 ± 217	<11,4	<16,4	44,3
7	2005/0187	<2,02	<1,94	<22,1	971 ± 53	<9,42	<13,4	49,7
8	2005/0252	<2,12	<2,07	35,5 ± 10,5	1280 ± 69	<10,3	<15,1	23,4
9	2005/0267	<2,01	<2,04	18,3 ± 7,0	1730 ± 84	<9,55	<14,6	27,9
10	2005/0302	<2,22	<2,20	<27,6	2820 ± 140	<10,5	<17,2	32,8
11	2005/0329	<2,37	<2,16	<24,8	2850 ± 142	<11,1	<16,4	26,7
12	2005/0346	<2,10	<2,01	20,0 ± 10,6	4930 ± 232	<10,5	<15,4	30,3
13	2005/0374	<2,04	1,45 ± 0,70	<24,4	4430 ± 210	<11,1	<15,8	42,2
14	2005/0393	<1,93	<1,89	<21,1	6320 ± 290	<9,92	<13,0	50,7
15	2005/0425	<1,77	<1,74	<19,6	4580 ± 212	<8,90	<11,7	40,8
16	2005/0486	<1,84	<1,81	<18,2	3760 ± 178	<9,00	<13,0	31,8
17	2005/0552	<1,74	<1,76	<17,7	4440 ± 209	<8,53	<12,9	16,8
18	2005/0635	<2,28	<2,34	<25,8	3990 ± 194	<11,3	<16,8	26,7
19	2005/0662	<1,75	<1,62	<19,0	3080 ± 144	<8,01	<12,7	12,9
20	2005/0695	<2,25	<1,90	<20,2	1380 ± 75,7	<10,1	<16,1	19,8
21	2005/0749	<2,22	<2,17	<24,5	4500 ± 211	<10,0	<14,3	22,9
22	2005/0816	<2,34	<2,15	<22,3	5370 ± 250	<10,1	<14,1	21,8
23	2005/0855	<2,16	<2,04	<25,1	3990 ± 186	<9,98	<12,3	26,8
24	2005/0875	<2,19	<2,10	<22,5	4560 ± 215	<9,37	<14,4	23,8
25	2005/0907	<2,27	<2,13	<24,3	5160 ± 242	<9,38	<13,7	25,9
26	2005/1004	<2,34	<2,25	<24,6	5220 ± 249	<12,0	<16,6	31,5

Table 84 Aerosol activity (gamma spectrometry) - SDS Levice, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2005/1024**	<2,33	<2,11	<25,4	3730 ± 180	<8,99	<14,3	23,1
28	**2005/1055**	<2,39	<2,26	<26,9	3440 ± 170	<8,22	<16,4	33,6
29	**2005/1073**	<2,16	<2,13	24,0 ± 9,7	6080 ± 285	<10,2	<13,4	40,7
30	**2005/1089**	<2,26	<2,43	<24,3	3580 ± 178	14,2 ± 5,4	<16,9	33,2
31	**2005/1161**	<2,17	<1,99	30,7 ± 8,1	4200 ± 195	14,4 ± 3,5	<9,88	42,4
32	**2005/1192**	<2,07	<1,91	17,5 ± 5,9	631 ± 35	<8,82	<11,4	20,7
33	**2005/1240**	<2,08	<1,85	44,7 ± 9,4	2940 ± 140	13,0 ± 3,9	<12,1	19,1
34	**2005/1366**	<2,29	<2,24	<23,3	3710 ± 179	<10,4	<13,8	21,9
35	**2005/1381**	<2,05	<1,91	<22,7	5300 ± 247	<9,55	<14,2	23,2
36	**2005/1419**	<2,13	<1,99	<22,2	4760 ± 228	<11,2	<14,6	28,6
37	**2005/1440**	<2,07	<1,94	<20,7	1830 ± 92	<10,8	<14,5	32,2
38	**2005/1455**	<1,86	<1,85	<20,9	2970 ± 142	<9,02	<12,9	13,1
39	**2005/1518**	<1,77	<1,61	29,7 ± 7,2	4020 ± 185	8,06 ± 3,31	<9,27	23,9
40	**2005/1546**	<2,17	<2,02	24,2 ± 7,6	2930 ± 139	<7,43	<9,35	19,8
41	**2005/1590**	<2,14	2,23 ± 0,67	56,1 ± 10,2	4770 ± 222	<8,94	<12,9	33,7
42	**2005/1609**	<2,01	<1,88	46,7 ± 8,2	2100 ± 101	<8,52	<11,7	23,8
43	**2005/1630**	<2,09	<1,87	<21,3	1350 ± 70	15,8 ± 4,4	<13,4	22,9
44	**2005/1722**	<2,46	<2,27	<28,5	3210 ± 160	<12,5	<17,9	35,6
45	**2005/1776**	<1,98	<1,94	36,4 ± 7,2	1460 ± 72	<8,42	<10,7	50,5
46	**2005/1882**	<2,10	<1,84	<21,4	1360 ± 72	<9,38	<14,2	53,2
47	**2005/1897**	<2,16	<2,14	<24,9	908 ± 53	<10,4	<16,9	19,2
48	**2005/1990**	<1,84	<1,75	<19,1	985 ± 52	<8,52	<11,7	22,8
49	**2005/2028**	<1,79	<1,56	<18,2	506 ± 30	<8,21	<11,5	16,9
50	**2005/2054**	<2,01	<2,07	33,4 ± 9,2	2360 ± 116	<9,30	<13,6	35,7
51	**2005/2120**	<1,88	<1,84	<19,8	884 ± 45	<6,35	<9,43	13,9
52	**2005/2134**	<2,36	<2,22	26,9 ± 8,7	1240 ± 68	<10,4	<16,7	18,1

Table 85 Aerosol activity (gamma spectrometry) - SDS Levice, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0003	<4,32	<49,5	1120 ± 60	<11,5	<15,2	20,8
2	2006/0018	<5,12	<56,3	4790 ± 230	<13,8	<18,5	35,0
3	2006/0034	<4,92	<53,9	2270 ± 120	<12,3	<16,9	43,6
4	2006/0050	<5,18	<56,8	2970 ± 150	<13,4	<17,7	41,7
5	2006/0065	<5,30	61,9 ± 12,4	3640 ± 180	<13,8	<19,2	54,3
6	2006/0080	<4,47	33,7 ± 9,6	2040 ± 100	<12,0	<14,5	53,7
7	2006/0098	<4,39	<47,8	1130 ± 60	<11,5	<15,3	32,7
8	2006/0127	<4,61	<46,7	1780 ± 90	<11,8	<16,6	28,8
9	2006/0145	<4,93	<52,5	1240 ± 70	<12,7	<18,1	27,3
10	2006/0258	<4,83	<50,2	1730 ± 90	<13,2	<18,0	25,5
11	2006/0296	<3,78	29,9 ± 7,4	2740 ± 130	<10,3	<13,7	33,2
12	2006/0365	<3,69	<41,1	1730 ± 90	<8,12	<13,2	43,3
13	2006/0390	<3,08	32,2 ± 7,1	1840 ± 90	<7,50	<10,9	37,6
14	2006/0412	<3,11	14,6 ± 5,6	3380 ± 160	<8,08	<9,86	13,5
15	2006/0443	<3,74	31,4 ± 8,0	4940 ± 230	<10,2	<13,1	32,4
16	2006/0508	<4,15	<42,1	4060 ± 190	<11,7	<15,3	21,3
17	2006/0531	<4,98	<53,6	4820 ± 230	<12,4	<16,9	29,7
18	2006/0592	<3,70	30,4 ± 6,2	3760 ± 180	<9,90	<14,1	24,7
19	2006/0642	2,14 ± 0,76	28,9 ± 7,4	6180 ± 290	<10,1	<13,9	34,8
20	2006/0679	<3,01	31,5 ± 6,7	5370 ± 250	<8,11	<10,9	30,6
21	2006/0721	<4,91	<51,1	5210 ± 250	<13,2	<18,7	23,0
22	2006/0774	<3,78	<43,1	2810 ± 130	<10,1	<14,0	13,7
23	2006/0791	<2,89	11,4 ± 5,9	2890 ± 140	<7,85	<10,5	16,1
24	2006/0810	<4,16	<42,3	4880 ± 230	<11,6	<15,3	19,2
25	2006/0845	<3,44	34,7 ± 8,5	6920 ± 320	<10,2	<12,4	32,9
26	2006/0861	<3,67	23,4 ± 7,5	5090 ± 240	<10,3	<12,7	29,7

Table 86 Aerosol activity (gamma spectrometry) - SDS Levice, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0928**	<2,69	18,2 ± 5,6	5710 ± 260	<7,13	<8,76	22,3
28	**2006/0964**	<4,43	26,4 ± 8,7	8220 ± 380	<10,3	<16,6	33,9
29	**2006/0979**	<3,71	<41,9	6640 ± 310	<10,3	<14,5	29,8
30	**2006/1105**	<4,27	45,5 ± 9,1	7090 ± 330	<10,6	<14,8	46,8
31	**2006/1132**	<3,04	<33,5	6630 ± 300	<8,12	<9,21	36,3
32	**2006/1151**	<3,02	<31,6	2750 ± 130	<7,31	<11,3	14,0
33	**2006/1169**	<3,49	<40,7	3540 ± 170	<9,28	<13,7	16,2
34	**2006/1190**	<4,43	33,0 ± 10,4	4670 ± 220	<12,1	<17,3	32,3
35	**2006/1273**	<2,91	24,2 ± 5,5	1920 ± 90	<6,89	<10,4	17,0
36	**2006/1320**	<2,87	15,1 ± 5,0	3110 ± 140	<7,14	<10,7	16,2
37	**2006/1352**	<3,01	<31,1	3860 ± 180	<7,28	<10,3	22,9
38	**2006/1370**	<3,02	23,6 ± 6,8	4890 ± 230	<7,15	<10,7	31,4
39	**2006/1388**	<2,23	25,6 ± 5,8	4820 ± 220	<5,89	<7,81	28,9
40	**2006/1483**	<3,08	35,4 ± 8,3	4550 ± 210	<7,24	<10,8	43,2
41	**2006/1501**	<3,10	34,1 ± 8,3	3520 ± 160	<7,16	<10,0	30,7
42	**2006/1575**	<3,02	27,3 ± 6,5	3940 ± 180	<7,39	<8,19	36,2
43	**2006/1660**	<4,25	21,6 ± 8,9	3300 ± 160	9,46 ± 3,62	<16,4	39,1
44	**2006/1675**	<2,46	16,4 ± 5,0	3730 ± 170	12,7 ± 3,0	<8,82	21,1
45	**2006/1716**	<3,30	27,2 ± 6,7	3830 ± 180	<8,39	<12,3	17,9
46	**2006/1739**	<2,36	21,4 ± 5,8	1960 ± 90	<5,93	<7,99	22,2
47	**2006/1766**	1,27 ± 0,53	25,7 ± 7,5	1370 ± 70	7,59 ± 3,15	<12,4	45,9
48	**2006/1882**	<2,79	29,2 ± 6,9	1580 ± 80	10,8 ± 3,1	<9,72	34,8
49	**2006/1900**	<2,98	27,1 ± 6,7	2240 ± 110	<5,85	<9,90	47,0
50	**2006/1915**	<4,04	<40,4	1030 ± 60	<7,39	<14,4	27,2
51	**2006/1930**	<3,78	<43,2	1740 ± 90	<8,81	<12,9	28,8
52	**2006/1963**	<2,97	22,0 ± 5,9	1350 ± 70	<7,17	<9,29	32,3

Table 87 Aerosol activity (gamma spectrometry) - SDS Levice, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0004	<3,15	20,5 ± 6,7	1260 ± 60	<8,36	<9,71	26,3
2	2007/0019	<3,39	26,2 ± 7,5	1220 ± 60	<9,00	<11,7	13,5
3	2007/0037	<5,19	<54,7	2170 ± 110	<14,7	<16,4	19,3
4	2007/0076	<2,54	<27,5	2350 ± 110	<6,78	<8,61	15,9
5	2007/0119	<3,76	<40,0	1390 ± 70	<9,64	<14,2	12,7
6	2007/0153	<3,36	18,1 ± 7,6	1340 ± 70	<8,82	<12,8	11,9
7	2007/0168	<2,49	25,8 ± 5,9	1600 ± 80	<5,50	<8,85	16,2
8	2007/0185	<2,97	19,8 ± 5,9	1590 ± 80	<6,38	<10,4	21,2
9	2007/0201	<3,00	42,5 ± 7,5	2190 ± 100	<7,84	<10,5	33,2
10	2007/0269	<4,22	30,9 ± 7,5	2000 ± 100	<10,4	<14,4	16,2
11	2007/0289	<3,54	24,4 ± 7,8	2330 ± 110	<10,0	<13,8	24,6
12	2007/0324	<2,94	25,4 ± 6,2	2450 ± 120	<7,95	<11,2	23,9
13	2007/0406	<4,16	24,1 ± 9,4	2740 ± 130	<10,5	<14,3	28,1
14	2007/0423	<3,37	18,7 ± 7,3	4090 ± 190	<8,43	<11,8	35,9
15	2007/0448	<3,90	27,6 ± 8,0	3160 ± 150	<9,88	<13,9	22,0
16	2007/0479	<3,14	25,1 ± 6,6	4310 ± 200	<7,72	<10,6	31,6
17	2007/0494	<3,60	<32,6	4450 ± 210	<7,86	<11,0	28,2
18	2007/0563	<3,17	28,3 ± 6,4	4170 ± 190	<8,36	<11,4	28,0
19	2007/0578	<2,52	31,4 ± 6,0	3160 ± 150	<7,02	<8,56	21,4
20	2007/0623	<2,64	<28,6	2170 ± 100	<7,06	<9,50	25,6
21	2007/0648	<3,51	31,4 ± 7,6	3020 ± 140	<8,94	<12,2	31,4
22	2007/0726	<3,03	<33,7	4270 ± 200	<8,48	<11,5	46,5
23	2007/0774	<3,62	27,9 ± 7,0	1810 ± 90	<9,67	<14,1	17,8
24	2007/0790	<3,73	30,3 ± 7,6	5050 ± 240	<10,0	<14,5	26,4
25	2007/0823	<3,07	18,4 ± 6,9	3660 ± 170	<8,16	<11,0	28,1
26	2007/0838	<3,76	21,6 ± 7,8	3360 ± 160	<9,81	<12,8	21,3

Table 88 Aerosol activity (gamma spectrometry) - SDS Levice, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0922**	<3,80	<39,2	3190 ± 150	<10,3	<13,9	21,2
28	**2007/0939**	<2,77	22,8 ± 6,1	2960 ± 140	<7,70	<9,37	16,3
29	**2007/1014**	<3,59	28,4 ± 7,3	3160 ± 150	<10,4	<12,4	21,9
30	**2007/1089**	<3,11	36,8 ± 8,5	4690 ± 220	<8,18	<10,3	38,2
31	**2007/1119**	<3,06	26,7 ± 7,4	3160 ± 150	<7,80	<10,2	18,7
32	**2007/1152**	<2,56	30,0 ± 5,7	3170 ± 150	<7,11	<8,66	26,7
33	**2007/1167**	<3,04	<33,7	3390 ± 160	<8,42	<9,70	21,1
34	**2007/1235**	<3,42	24,9 ± 7,8	3500 ± 160	<9,57	<12,3	23,8
35	**2007/1250**	<3,01	22,2 ± 6,5	3810 ± 180	<7,99	<11,1	22,2
36	**2007/1284**	<3,79	<40,0	3060 ± 150	<10,9	<14,4	17,0
37	**2007/1303**	<4,04	<43,9	1170 ± 60	<11,0	<14,8	8,22
38	**2007/1351**	<2,82	38,9 ± 7,1	3850 ± 180	<7,54	<9,87	20,8
39	**2007/1419**	<3,97	<48,8	3510 ± 170	<11,3	<14,5	20,4
40	**2007/1446**	<2,96	39,0 ± 8,1	2880 ± 140	<8,02	<11,2	21,3
41	**2007/1487**	<3,91	26,7 ± 11,0	2570 ± 130	<10,4	<13,5	29,8
42	**2007/1507**	<3,22	76,7 ± 10,3	2060 ± 100	<8,98	<11,3	29,5
43	**2007/1540**	<3,04	51,2 ± 8,8	1700 ± 80	<8,92	<10,9	17,6
44	**2007/1627**	<2,97	44,0 ± 7,4	594 ± 34	<8,26	<10,9	21,1
45	**2007/1651**	<3,83	33,5 ± 9,7	1260 ± 70	<10,6	<13,7	14,5
46	**2007/1726**	<2,88	41,6 ± 8,5	862 ± 44	<7,71	<10,7	6,81
47	**2007/1797**	<3,02	48,3 ± 8,1	872 ± 45	<7,76	<10,5	25,5
48	**2007/1845**	<2,86	57,7 ± 8,7	2020 ± 100	<7,70	<10,4	30,8
49	**2007/1860**	<3,25	46,7 ± 8,6	1850 ± 90	<9,02	<11,0	24,7
50	**2007/1903**	<4,00	62,5 ± 9,9	584 ± 36	<9,93	<13,0	17,1
51	**2007/1947**	<3,22	49,4 ± 10,1	1600 ± 80	<8,51	<11,7	32,0
52	**2007/1962**	<3,35	49,0 ± 10,4	2760 ± 130	<9,20	<12,0	38,8

Table 89 Aerosol activity (gamma spectrometry) - SDS Levice , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0002	<3,50	63,7 ± 19,4	1530 ± 130	<9,37	<12,5	32,6
2	2008/0018	<2,80	62,5 ± 16,0	1980 ± 160	<8,29	<9,93	21,9
3	2008/0033	<3,24	38,5 ± 15,5	2210 ± 180	<9,05	<10,5	25,5
4	2008/0048	<3,92	51,4 ± 19,0	1790 ± 160	<9,40	<13,0	19,5
5	2008/0118	<2,81	53,8 ± 15,2	1780 ± 150	<7,32	<9,92	20,4
6	2008/0133	<3,12	25,1 ± 17,8	2120 ± 170	<7,85	<10,9	26,4
7	2008/0160	<3,71	43,3 ± 19,4	1510 ± 140	<9,66	<13,3	20,4
8	2008/0230	<3,63	61,0 ± 17,9	2490 ± 210	<9,81	<13,0	22,9
9	2008/0297	<3,79	41,9 ± 17,9	2850 ± 240	<10,2	<13,9	32,4
10	2008/0326	<4,41	31,2 ± 19,9	3810 ± 310	<11,6	<15,5	16,9
11	2008/0366	0,776 ± 0,998	60,5 ± 16,9	2900 ± 230	<8,46	<9,79	24,6
12	2008/0395	<3,69	36,8 ± 18,8	2960 ± 240	<9,88	<13,8	10,2
13	2008/0411	<3,74	23,0 ± 17,9	1770 ± 150	<10,3	<14,0	11,8
14	2008/0497	<1,60	54,3 ± 14,5	4730 ± 370	<5,96	<6,92	18,8
15	2008/0516	<2,75	<42,8	2580 ± 220	<9,35	<12,4	19,7
16	2008/0533	<3,46	31,8 ± 16,9	2890 ± 230	<8,85	<12,1	25,6
17	2008/0604	<2,31	<37,3	2260 ± 200	<7,90	<10,8	15,7
18	2008/0622	<3,07	50,0 ± 18,4	4830 ± 370	<8,42	<11,1	22,1
19	2008/0641	<3,02	31,7 ± 16,0	2850 ± 230	<8,04	<11,0	17,0
20	2008/0664	<3,58	52,7 ± 18,1	3620 ± 280	<9,75	<12,0	22,1
21	2008/0698	<3,54	52,4 ± 22,1	3370 ± 270	<9,42	<11,8	26,4
22	2008/0776	<2,12	<33,9	2170 ± 180	<7,50	<10,2	33,2
23	2008/0799	<3,70	48,6 ± 18,1	5600 ± 430	<9,67	<12,1	44,2
24	2008/0844	<2,41	<41,4	4330 ± 350	<8,26	<10,7	22,4
25	2008/0861	<3,43	50,5 ± 18,2	2940 ± 230	<8,96	<12,0	19,9
26	2008/0957	<2,32	<40,0	4240 ± 340	<6,90	<10,2	27,2

Table 90 Aerosol activity (gamma spectrometry) - SDS Levice, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2008/0979**	<2,19	<36,3	4290 ± 340	<7,67	<10,0	22,1
28	**2008/1061**	<2,12	<38,6	4450 ± 360	<8,08	<10,4	20,4
29	**2008/1085**	<2,35	<38,3	3250 ± 260	<7,41	<9,72	24,8
30	**2008/1100**	<2,81	53,7 ± 15,8	3480 ± 270	<7,16	<9,86	16,0
31	**2008/1169**	<2,30	51,0 ± 17,7	3750 ± 300	<6,80	<9,68	19,7
32	**2008/1183**	<2,91	48,0 ± 16,6	4650 ± 360	<7,60	<10,6	22,8
33	**2008/1210**	<2,40	<35,1	4080 ± 330	<7,14	<10,0	19,6
34	**2008/1235**	<2,97	64,7 ± 17,6	3800 ± 290	10,1 ± 6,3	<10,3	23,0
35	**2008/1281**	<2,32	41,5 ± 16,9	3240 ± 260	<7,48	<10,1	24,7
36	**2008/1358**	<2,94	<48,0	3330 ± 280	<9,50	<12,7	28,8
37	**2008/1396**	<2,80	83,2 ± 19,2	4140 ± 320	15,4 ± 7,0	<8,69	42,8
38	**2008/1411**	<1,66	<26,3	3180 ± 250	12,0 ± 5,5	<7,26	18,9
39	**2008/1498**	<3,02	30,7 ± 13,4	947 ± 82	<7,59	<10,4	12,6
40	**2008/1515**	<2,35	<35,3	3750 ± 300	12,1 ± 6,6	<9,81	20,4
41	**2008/1551**	<2,71	30,9 ± 16,4	2290 ± 190	20,4 ± 8,0	<11,5	11,9
42	**2008/1571**	<2,79	55,6 ± 15,3	1080 ± 100	21,8 ± 6,5	<9,96	17,8
43	**2008/1593**	<2,51	37,0 ± 12,6	2380 ± 190	7,41 ± 5,60	<9,13	27,4
44	**2008/1641**	<2,96	33,8 ± 15,2	2530 ± 200	<7,53	<10,9	29,8
45	**2008/1714**	<2,66	<39,7	2820 ± 330	<8,76	<11,6	25,6
46	**2088/1739**	<2,41	29,0 ± 11,4	3600 ± 280	5,78 ± 5,14	<8,61	33,7
47	**2008/1754**	<2,61	<16,5	1930 ± 160	<6,11	<9,01	25,4
48	**2008/1831**	1,83 ± 1,71	<28,0	1800 ± 150	<7,62	<9,30	11,9
49	**2008/1871**	<2,29	55,8 ± 21,0	1680 ± 200	<7,35	<10,2	16,2
50	**2008/1891**	<3,04	21,2 ± 12,1	1530 ± 130	12,8 ± 6,4	<10,7	17,0
51	**2008/1936**	<3,30	<35,1	2410 ± 200	<8,23	<11,5	15,3
52	**2008/2053**	<2,61	<36,7	1460 ± 180	<8,36	<11,8	11,9

Table 91 Aerosol activity (gamma spectrometry) - SDS Levice , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0003	<2,47	<2,39	49,3 ± 11,6	1990 ± 99	<11,7	<17,3	20,8
2	2005/0018	<2,74	<2,40	<25,8	1670 ± 89	<11,6	<17,4	26,1
3	2005/0039	<2,27	<2,12	28,6 ± 8,5	2120 ± 105	<10,0	<15,0	26,7
4	2005/0054	<1,82	1,31 ± 0,70	22,3 ± 9,0	1590 ± 80	<10,3	<15,5	16,9
5	2005/0123	<2,15	<2,21	<24,7	2640 ± 83	<10,6	<14,9	29,8
6	2005/0154	<1,98	<2,13	<22,6	4530 ± 217	<10,9	<15,7	49,6
7	2005/0188	<2,04	<1,90	<20,0	1000 ± 56	<9,83	<14,8	53,0
8	2005/0253	<1,96	<1,92	<20,2	1250 ± 64	<9,28	<13,7	26,8
9	2005/0268	<2,05	<2,12	<21,2	1800 ± 91	<9,96	<14,6	41,0
10	2005/0303	<2,21	<2,22	16,4 ± 9,2	2940 ± 141	<10,9	<13,8	40,1
11	2005/0330	<2,48	<2,26	<27,9	3040 ± 150	<11,9	<17,5	34,6
12	2005/0347	<1,78	<1,81	<19,2	4930 ± 231	<9,67	<14,3	38,1
13	2005/0375	<2,38	<2,27	<25,0	4220 ± 204	<12,0	<18,0	45,7
14	2005/0394	<1,76	<1,84	<23,6	6760 ± 313	<10,1	<14,2	75,5
15	2005/0426	<1,77	<1,79	<19,1	5920 ± 273	<8,97	<10,9	53,7
16	2005/0487	<1,84	<1,77	<19,9	3950 ± 188	<8,73	<12,8	35,7
17	2005/0553	<2,33	<2,28	<26,0	4700 ± 226	<11,6	<17,0	29,7
18	2005/0636	<1,79	<1,77	<18,1	5450 ± 254	<8,72	<13,4	36,7
19	2005/0663	<1,89	<1,75	<17,2	3310 ± 158	<8,65	<13,2	22,8
20	2005/0696	<2,15	<2,25	<23,8	3140 ± 150	<8,72	<14,3	25,8
21	2005/0750	<2,00	<1,88	<22,7	4930 ± 228	<8,96	<11,1	29,8
22	2005/0817	<2,21	<2,04	<26,5	5620 ± 262	<10,1	<14,6	41,6
23	2005/0856	<2,32	<2,09	<23,0	6380 ± 301	<9,74	<13,9	26,8
24	2005/0876	<2,04	<1,99	<22,0	4770 ± 221	<8,17	<11,8	22,8
25	2005/0908	<2,04	<1,85	<22,8	5340 ± 247	<8,11	<12,5	33,7
26	2005/1005	<2,37	<2,16	<25,4	5370 ± 251	<9,79	<14,6	34,6

Table 92 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1025	<2,26	<2,14	<23,7	3520 ± 170	<9,55	<14,0	19,0
28	2005/1056	<2,23	<2,31	<24,5	3890 ± 189	<10,4	<14,5	24,8
29	2005/1074	<2,33	<2,13	<27,6	5800 ± 277	12,4 ± 5,0	<16,7	28,6
30	2005/1090	<2,11	<2,14	17,1 ± 8,0	3600 ± 168	<8,02	<12,2	31,0
31	2005/1162	<2,20	<2,17	<26,7	5160 ± 243	12,8 ± 4,7	<15,7	36,5
32	2005/1193	<2,29	<2,03	<23,4	2430 ± 120	13,3 ± 4,2	<16,0	9,91
33	2005/1241	<2,19	<2,07	<23,5	3020 ± 148	11,6 ± 4,2	<15,9	17,4
34	2005/1367	<2,32	<2,22	39,4 ± 9,9	3520 ± 170	<10,7	<14,5	19,7
35	2005/1382	<2,09	<2,04	35,7 ± 9,6	5230 ± 244	<10,4	<13,0	20,9
36	2005/1420	<2,13	<2,02	<21,1	5030 ± 241	<10,8	<15,4	27,4
37	2005/1441	<2,33	<2,05	<24,7	4540 ± 215	<11,9	<15,8	33,5
38	2005/1456	<2,26	<2,09	<22,0	2620 ± 132	<10,5	<16,3	11,3
39	2005/1519	<2,15	<2,19	38,9 ± 9,6	4330 ± 204	<10,6	<14,3	22,9
40	2005/1547	<2,10	<1,94	31,5 ± 8,2	3030 ± 147	<9,59	<14,0	17,8
41	2005/1591	<2,48	<2,21	55,0 ± 12,7	4440 ± 212	<11,0	<16,6	34,7
42	2005/1610	<2,11	<1,98	30,6 ± 7,7	2310 ± 111	<8,49	<11,2	24,8
43	2005/1631	<1,94	<1,88	<22,4	2140 ± 106	10,5 ± 3,6	<14,1	23,7
44	2005/1723	<2,15	<2,05	32,6 ± 7,9	2920 ± 141	<10,2	<14,7	34,8
45	2005/1777	<1,99	<1,93	26,0 ± 7,3	1660 ± 82	<8,56	<11,5	54,4
46	2005/1883	<2,10	<2,00	<24,4	1450 ± 78	<10,1	<15,2	46,2
47	2005/1898	<1,51	0,89 ± 0,46	29,7 ± 6,1	1370 ± 67	<7,09	<10,5	21,8
48	2005/1991	<1,86	<1,73	<17,0	1830 ± 89	<8,11	<11,6	23,8
49	2005/2029	<1,90	<1,80	<22,1	1500 ± 78	<10,1	<15,7	21,8
50	2005/2055	<2,10	<2,15	<21,7	2210 ± 112	<9,44	<15,1	33,8
51	2005/2121	<2,19	<2,20	23,9 ± 8,2	1640 ± 84	<9,60	<15,8	14,9
52	2005/2136	<2,42	<2,17	<23,7	1550 ± 84	<11,3	<17,6	19,8

Table 93 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0004	<4,20	<42,9	1240 ± 70	<12,5	<15,2	20,8
2	2006/0019	<4,58	26,3 ± 8,3	5680 ± 270	<11,4	<15,3	39,4
3	2006/0035	<5,20	43,3 ± 10,1	1870 ± 100	<12,8	<18,9	45,9
4	2006/0051	<5,29	<59,2	3170 ± 160	<13,6	<17,5	50,4
5	2006/0066	<5,43	33,8 ± 10,8	2650 ± 130	<14,6	<19,1	64,6
6	2006/0081	<4,21	29,9 ± 9,1	1570 ± 80	<11,4	<16,3	65,5
7	2006/0099	<5,36	<62,4	1500 ± 80	<14,8	<20,4	34,7
8	2006/0128	<3,25	19,1 ± 7,1	995 ± 50	<8,39	<11,5	33,7
9	2006/0146	<5,30	<60,3	1690 ± 90	<13,7	<18,6	34,0
10	2006/0259	<3,84	15,2 ± 7,4	2920 ± 140	<9,81	<13,5	29,8
11	2006/0297	<3,83	29,2 ± 7,4	2140 ± 100	<8,86	<13,9	40,0
12	2006/0366	<4,95	<50,5	1710 ± 90	<10,8	<17,6	51,7
13	2006/0391	<4,90	<55,6	2220 ± 110	<12,4	<17,2	46,0
14	2006/0413	<3,57	<40,8	3130 ± 150	<7,98	<12,9	16,5
15	2006/0444	<3,97	20,3 ± 8,6	4790 ± 220	<10,3	<14,4	41,0
16	2006/0509	<3,81	<40,4	4560 ± 210	<10,4	<14,1	28,1
17	2006/0532	<4,07	25,6 ± 9,0	4670 ± 220	<10,5	<14,3	40,0
18	2006/0593	<2,49	20,3 ± 5,6	3730 ± 170	<6,61	<8,15	32,3
19	2006/0643	2,02 ± 0,67	33,4 ± 8,2	6790 ± 310	<9,95	<14,4	39,8
20	2006/0680	<3,01	24,7 ± 7,0	6000 ± 280	<8,17	<10,9	41,7
21	2006/0717	<5,06	<52,2	5180 ± 240	<12,0	<17,7	25,9
22	2006/0775	<2,99	<34,5	3570 ± 170	10,7 ± 3,8	<11,7	15,8
23	2006/0792	<4,74	<52,2	3100 ± 150	<12,2	<17,4	15,2
24	2006/0811	<4,06	<49,6	4620 ± 220	<11,6	<14,9	18,5
25	2006/0846	<3,51	33,0 ± 7,6	6800 ± 310	14,1 ± 4,1	<12,9	30,1
26	2006/0862	<3,55	28,3 ± 7,9	5760 ± 270	<9,29	<12,9	25,4

Table 94 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0929**	<2,49	19,7 ± 4,9	5310 ± 240	<6,92	<9,66	17,8
28	**2006/0965**	<3,59	35,9 ± 8,6	8190 ± 370	13,5 ± 4,2	<13,4	26,9
29	**2006/0980**	<2,94	<33,0	6240 ± 290	<7,82	<10,2	20,6
30	**2006/1106**	<2,93	39,3 ± 7,1	6940 ± 320	<7,83	<10,9	34,3
31	**2006/1133**	<3,54	<41,6	6840 ± 320	<10,1	<13,0	34,3
32	**2006/1152**	<3,40	<40,9	2510 ± 120	<9,68	<13,7	11,9
33	**2006/1170**	<4,67	<51,9	3240 ± 160	<9,48	<16,1	13,6
34	**2006/1191**	<3,60	22,8 ± 7,4	4420 ± 210	<9,36	<13,9	17,0
35	**2006/1274**	<3,46	<38,1	3150 ± 150	<8,66	<12,4	15,3
36	**2006/1321**	<2,93	<29,8	2910 ± 140	<7,20	<9,88	13,7
37	**2006/1353**	<3,80	21,3 ± 7,3	3580 ± 170	<9,26	<13,2	18,5
38	**2006/1371**	<2,44	31,4 ± 5,2	4790 ± 220	<6,06	<8,39	24,8
39	**2006/1389**	<2,85	18,4 ± 5,9	4700 ± 220	<6,92	<10,5	22,1
40	**2006/1484**	<3,68	<43,2	3470 ± 160	<8,89	<14,0	31,3
41	**2006/1502**	<3,87	23,0 ± 7,4	3180 ± 150	<9,09	<14,1	17,0
42	**2006/1576**	<3,73	16,4 ± 8,7	4190 ± 200	8,95 ± 3,50	<14,4	30,4
43	**2006/1661**	<4,20	<47,4	2720 ± 130	<10,7	<15,4	33,7
44	**2006/1676**	<3,67	25,5 ± 6,5	4600 ± 210	<9,44	<11,1	18,6
45	**2006/1717**	<3,53	22,3 ± 7,0	3780 ± 180	<8,32	<12,7	16,8
46	**2006/1740**	<4,58	<49,7	2370 ± 120	<9,42	<16,7	18,9
47	**2006/1767**	<2,44	22,2 ± 5,4	1430 ± 70	8,10 ± 2,69	<8,48	42,5
48	**2006/1883**	<3,88	16,4 ± 7,6	801 ± 44	11,5 ± 3,6	<12,3	29,7
49	**2006/1901**	<2,42	19,8 ± 5,6	1700 ± 80	<6,10	<8,84	36,9
50	**2006/1916**	<3,68	27,6 ± 7,4	1180 ± 60	<6,71	<13,5	24,4
51	**2006/1931**	<2,94	25,0 ± 6,8	1490 ± 70	<6,67	<10,7	23,9
52	**2006/1964**	<2,69	30,0 ± 5,9	1630 ± 80	<6,48	<10,1	31,3

Table 95 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0005	<2,99	35,0 ± 6,4	1240 ± 60	<7,29	<10,9	24,7
2	2007/0020	<3,44	13,8 ± 6,9	1160 ± 60	<7,50	<11,9	13,8
3	2007/0038	<2,98	32,4 ± 6,1	2380 ± 110	<7,89	<9,88	24,7
4	2007/0077	<3,25	<35,0	2480 ± 120	<8,58	<12,1	20,3
5	2007/0120	<2,52	<24,9	1510 ± 70	<6,51	<7,56	17,9
6	2007/0154	<3,16	19,2 ± 6,5	1470 ± 70	<7,78	<8,71	14,5
7	2007/0169	<3,09	31,0 ± 8,0	1580 ± 80	<7,50	<10,1	19,5
8	2007/0186	<3,94	<40,0	1550 ± 80	<9,55	<12,5	28,8
9	2007/0202	<3,90	26,3 ± 6,7	2310 ± 110	<9,51	<12,7	35,7
10	2007/0270	<3,00	<33,9	1860 ± 90	<8,04	<10,6	19,7
11	2007/0290	<3,96	23,7 ± 9,1	2240 ± 110	<10,2	<14,0	31,3
12	2007/0325	<2,68	31,4 ± 6,7	2410 ± 110	13,6 ± 3,5	<8,00	32,4
13	2007/0407	<4,73	18,5 ± 11,1	3270 ± 160	<11,8	<16,9	33,9
14	2007/0424	<2,89	34,4 ± 7,3	4090 ± 190	<7,75	<9,34	48,8
15	2007/0449	<3,87	30,1 ± 8,4	3180 ± 150	<9,01	<14,2	32,9
16	2007/0480	<3,21	40,0 ± 8,6	4360 ± 200	<8,06	<10,9	46,9
17	2007/0495	<3,16	37,8 ± 8,2	4110 ± 190	<8,60	<6,68	42,6
18	2007/0564	<3,92	31,8 ± 7,8	4030 ± 190	<10,0	<13,9	39,9
19	2007/0579	<3,13	20,5 ± 6,8	3270 ± 150	8,22 ± 3,62	<10,5	35,0
20	2007/0624	<3,55	21,5 ± 7,7	2660 ± 130	<9,40	<11,6	31,5
21	2007/0649	<3,33	22,3 ± 6,4	2960 ± 140	<8,64	<10,8	27,1
22	2007/0727	<3,15	21,7 ± 7,1	4040 ± 190	<8,53	<11,6	27,4
23	2007/0775	<3,61	<37,7	1700 ± 80	<9,22	<14,1	15,3
24	2007/0791	<3,87	27,8 ± 7,1	5040 ± 230	<10,0	<13,9	19,5
25	2007/0824	<2,93	25,0 ± 6,1	3390 ± 160	<7,56	<8,85	17,9
26	2007/0839	<3,19	20,6 ± 6,5	3120 ± 150	<7,87	<11,0	23,1

Table 96 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0923	<3,06	<33,6	2960 ± 140	<8,52	<10,7	15,3
28	2007/0940	<4,33	<45,1	3010 ± 150	<11,9	<15,6	14,1
29	2007/1015	<2,96	18,4 ± 5,8	2940 ± 140	<8,55	<6,64	16,9
30	2007/1090	<2,93	28,0 ± 6,2	4250 ± 200	<8,14	<11,5	29,6
31	2007/1120	<2,47	27,2 ± 6,7	3190 ± 150	<7,05	<8,16	18,5
32	2007/1153	<3,94	27,3 ± 7,4	3180 ± 150	<10,2	<13,4	29,2
33	2007/1168	<4,65	<49,4	3290 ± 160	<12,6	<17,1	25,2
34	2007/1236	<4,37	26,1 ± 9,2	3260 ± 160	<12,0	<17,0	24,9
35	2007/1251	<2,44	20,3 ± 5,5	3530 ± 160	<6,61	<7,62	26,8
36	2007/1285	<3,50	15,6 ± 7,2	2770 ± 130	<9,45	<11,9	17,3
37	2007/1304	<3,42	<37,3	1150 ± 60	<8,71	<11,4	8,97
38	2007/1352	<3,37	22,8 ± 7,3	3520 ± 160	<10,0	<12,4	21,8
39	2007/1420	<3,94	44,1 ± 9,9	3560 ± 170	<10,7	<14,2	24,7
40	2007/1447	<3,75	30,6 ± 10,3	2740 ± 130	<9,67	<13,6	24,6
41	2007/1488	<3,81	45,3 ± 9,3	2380 ± 120	<10,0	<13,6	27,2
42	2007/1508	<4,00	63,0 ± 12,4	2190 ± 110	<8,96	<13,7	39,2
43	2007/1541	<4,27	53,1 ± 11,7	1660 ± 90	<10,9	<15,5	33,9
44	2007/1628	<5,10	62,0 ± 11,8	741 ± 46	<12,8	<16,9	26,2
45	2007/1652	<3,84	51,6 ± 10,0	1360 ± 70	<10,4	<13,8	19,6
46	2007/1727	<2,95	40,8 ± 7,9	837 ± 44	<7,94	<10,8	7,64
47	2007/1798	<3,81	51,4 ± 10,8	917 ± 52	<10,5	<13,7	28,1
48	2007/1846	<3,14	58,1 ± 9,5	1900 ± 90	<8,27	<11,2	35,7
49	2007/1861	<3,17	69,5 ± 10,3	1840 ± 90	<8,30	<10,9	32,4
50	2007/1904	<4,18	52,8 ± 10,8	695 ± 44	<11,4	<15,9	19,3
51	2007/1948	<4,60	55,8 ± 12,0	1720 ± 90	<10,4	<15,9	35,0
52	2007/1963	<2,62	50,8 ± 7,5	2780 ± 130	<6,71	<9,18	43,3

Table 97 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0003	2,13 ± 1,36	75,1 ± 22,0	1540 ± 130	<9,32	<12,0	34,4
2	2008/0019	<3,02	57,6 ± 17,9	1810 ± 150	<8,13	<9,42	23,9
3	2008/0034	<3,03	57,8 ± 16,7	2140 ± 170	<7,91	<10,6	28,9
4	2008/0049	<4,64	<53,1	1560 ± 150	<11,8	<14,5	20,4
5	2008/0119	<4,09	42,9 ± 17,0	1790 ± 160	<10,8	<14,0	22,1
6	2008/0134	<2,97	43,5 ± 16,7	1940 ± 160	<7,66	<10,7	27,2
7	2008/0161	<3,53	179 ± 44	1370 ± 140	<9,53	<12,5	18,0
8	2008/0231	<2,89	65,6 ± 18,6	2200 ± 170	<8,30	<10,3	23,9
9	2008/0298	<3,47	63,0 ± 18,5	2880 ± 240	<9,59	<13,1	36,3
10	2008/0327	<3,60	52,7 ± 17,7	3440 ± 270	<9,78	<12,7	18,9
11	2008/0367	<3,87	57,1 ± 21,3	2930 ± 240	<9,93	<13,6	28,0
12	2008/0396	<3,40	43,6 ± 17,3	2770 ± 220	<9,25	<12,2	9,38
13	2008/0412	<4,54	<60,0	1680 ± 160	<12,9	<17,2	11,8
14	2008/0498	<1,88	<29,1	4720 ± 370	<6,99	<8,36	23,1
15	2008/0517	<2,45	38,9 ± 16,6	2370 ± 200	<7,95	<10,3	18,9
16	2008/0534	<3,67	64,1 ± 20,6	2950 ± 240	<9,75	<12,5	32,5
17	2008/0605	<2,57	22,7 ± 14,7	2070 ± 180	<7,76	<10,3	15,6
18	2008/0623	<3,21	<36,6	3800 ± 300	<8,25	<10,8	20,2
19	2008/0642	2,14 ± 2,29	89,9 ± 34,9	3400 ± 280	35,1 ± 17,0	<21,6	18,0
20	2008/0665	<3,58	52,2 ± 17,0	3590 ± 280	<9,40	<12,5	21,8
21	2008/0699	<4,26	57,6 ± 23,8	2370 ± 190	26,2 ± 11,0	<15,4	24,9
22	2008/0777	<2,99	<47,1	2010 ± 180	<8,59	<12,3	22,9
23	2008/0800	1,05 ± 1,07	53,9 ± 21,0	5170 ± 390	<8,56	<11,7	29,6
24	2008/0845	<2,27	52,1 ± 19,0	4220 ± 340	<7,29	<10,4	16,4
25	2008/0862	<3,54	58,1 ± 18,9	2630 ± 210	16,3 ± 8,4	<12,5	13,0
26	2008/0958	<2,16	<37,5	3870 ± 310	<6,96	<9,92	15,3

Table 98 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/Hr. - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0980	<3,07	85,5 ± 24,5	4300 ± 350	<10,6	<13,9	18,4
28	2008/1062	<2,01	<31,9	4370 ± 350	<7,71	<8,99	22,8
29	2008/1086	<2,32	81,9 ± 21,9	3380 ± 270	<7,75	<10,4	28,9
30	2008/1101	<2,80	36,1 ± 15,8	3400 ± 260	<7,45	<9,57	18,5
31	2008/1170	<2,76	<43,8	3660 ± 300	<9,53	<12,3	22,7
32	2008/1184	<2,95	45,5 ± 15,4	4380 ± 340	9,92 ± 6,15	<10,7	25,0
33	2008/1211	<2,81	<44,0	4100 ± 340	<9,32	<12,0	23,8
34	2008/1236	<3,67	62,5 ± 22,5	4190 ± 320	<9,73	<12,4	39,8
35	2008/1282	<2,26	80,3 ± 21,9	3070 ± 250	<7,76	<10,3	53,5
36	2008/1359	<2,44	<43,2	3300 ± 270	<7,61	<10,0	44,9
37	2008/1397	1,00 ± 1,14	93,4 ± 20,6	4790 ± 370	12,3 ± 7,1	<10,2	41,7
38	2008/1412	<2,66	<40,7	2610 ± 220	<8,65	<11,5	17,1
39	2008/1499	<2,72	24,8 ± 13,5	1030 ± 90	<7,87	<9,89	13,6
40	2008/1516	<1,88	<25,4	3510 ± 280	19,3 ± 5,9	<8,15	20,3
41	2008/1552	<1,89	<28,2	2330 ± 190	23,6 ± 6,5	<8,54	12,4
42	2008/1572	<2,70	27,7 ± 15,2	1500 ± 130	25,4 ± 6,8	<9,91	26,8
43	2008/1594	<2,59	34,9 ± 15,2	2480 ± 200	10,8 ± 5,5	<9,17	22,9
44	2008/1642	<2,74	22,2 ± 9,0	2490 ± 200	<6,87	<9,96	34,0
45	2008/1715*	Poznámka: dlhotrvajúce problémy s dodávkou elektrickej energie					
46	2008/1740*						
47	2008/1755*						
48	2008/1832*						
49	2008/1872*						
50	2008/1892*						
51	2008/1937	<2,87	<31,5	2270 ± 180	<7,26	<10,9	22,6
52	2008/2054	<3,00	87,5 ± 15,3	1090 ± 140	<12,3	<12,5	26,5

Table 99 Aerosol activity (gamma spectrometry) - SDS Kalná nad Hronom , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0004	<2,45	<2,45	<24,5	1770 ± 93	<10,7	<16,4	19,2
2	2005/0019	<1,71	<1,42	<15,8	924 ± 50	<7,33	<11,2	19,8
3	2005/0040	<1,84	<1,71	<19,9	1840 ± 92	<8,67	<12,8	21,3
4	2005/0055	<1,65	<1,75	<17,0	1430 ± 73	<7,42	<12,2	12,5
5	2005/0124	<2,61	<2,49	<26,8	1620 ± 84	<11,9	<17,1	27,3
6	2005/0155*							
7	2005/0189*							
8	2005/0254*							
9	2005/0269	<2,05	<2,02	<21,9	1630 ± 83	<9,27	<14,0	25,9
10	2005/0304	<1,75	<1,84	<16,1	2850 ± 137	<9,19	<12,5	35,8
11	2005/0331	<1,87	<1,84	<14,8	3050 ± 147	<8,95	<12,3	24,3
12	2005/0348	<1,78	<1,64	<18,3	4590 ± 218	<10,7	<15,3	25,2
13	2005/0376	<1,43	1,16 ± 0,50	<16,9	4260 ± 199	<7,31	<9,56	38,1
14	2005/0395	<2,04	<2,14	<25,6	6070 ± 283	<10,7	<14,1	46,5
15	2005/0427	<1,78	<1,77	<22,3	5450 ± 254	<9,01	<12,7	36,3
16	2005/0488	<1,65	<1,77	<22,6	3470 ± 165	<9,10	<13,1	32,3
17	2005/0554	<1,64	<1,63	<17,8	3970 ± 187	<7,84	<11,6	27,3
18	2005/0637	<1,83	<1,63	<21,2	5010 ± 234	<8,94	<12,2	28,5
19	2005/0664	<1,66	<1,62	<17,6	3140 ± 150	<7,50	<12,4	16,1
20	2005/0697	<1,65	<1,52	<19,3	2940 ± 141	<8,20	<12,1	16,7
21	2005/0751	<1,89	<2,16	<25,6	4480 ± 211	<8,95	<12,6	17,9
22	2005/0818	<2,19	<2,33	<22,6	5000 ± 234	<9,05	<12,2	28,6
23	2005/0857	<2,14	<2,08	<21,5	5500 ± 262	<9,04	<13,2	21,5
24	2005/0877	<2,27	<2,01	<23,4	4790 ± 225	<8,82	<12,7	23,2
25	2005/0909	<1,95	<2,03	<22,1	4560 ± 214	<8,37	<12,3	26,2
26	2005/1006	<2,08	<1,89	<24,0	5180 ± 241	<8,29	<12,3	29,1

Poznámky: * Porucha veľkoobjemového presávacieho zariadenia

Table 100 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2005/1026**	<1,61	<1,54	22,2 ± 6,9	3230 ± 156	<7,35	<9,02	20,4
28	**2005/1057**	<1,53	<1,40	30,4 ± 6,6	3620 ± 174	8,50 ± 2,85	<9,80	22,5
29	**2005/1075**	<1,22	<1,40	<16,1	5800 ± 273	6,89 ± 3,11	<10,5	25,7
30	**2005/1091**	<1,64	<1,58	<17,2	3670 ± 176	7,86 ± 3,08	<12,7	30,6
31	**2005/1163**	<1,54	<1,49	29,7 ± 7,4	4700 ± 222	5,89 ± 2,99	<11,7	41,5
32	**2005/1194**	<1,51	<1,36	<15,1	2420 ± 119	6,07 ± 3,08	<10,6	11,3
33	**2005/1242**	<1,57	<1,67	<17,5	3480 ± 165	<5,37	<10,8	17,7
34	**2005/1368**	<1,48	<1,55	<18,6	3640 ± 177	8,43 ± 3,92	<13,0	20,8
35	**2005/1385**	<1,80	<1,67	<16,9	4970 ± 236	<9,97	<14,7	23,5
36	**2005/1421**	<1,71	<1,84	<19,4	5070 ± 238	<6,69	<10,9	26,1
37	**2005/1442**	<2,12	<1,89	<19,6	3350 ± 162	<10,0	<14,3	31,9
38	**2005/1457**	<1,67	<1,41	<16,5	2980 ± 143	<7,99	<11,1	12,0
39	**2005/1520**	<1,97	<1,63	<22,5	4190 ± 197	<9,51	<13,4	22,1
40	**2005/1548**	<1,96	<2,03	37,5 ± 7,6	2950 ± 143	<8,97	<12,9	17,8
41	**2005/1592**	<1,44	2,41 ± 0,67	16,8 ± 8,9	4660 ± 218	<7,13	<8,64	29,1
42	**2005/1611**	<1,78	<1,89	20,8 ± 7,2	2190 ± 109	<8,89	<12,6	22,6
43	**2005/1632**	<1,73	<1,84	<19,9	2210 ± 109	<9,20	<12,7	23,3
44	**2005/1724**	<1,85	<1,74	25,9 ± 7,5	3480 ± 166	8,94 ± 2,85	<12,7	31,3
45	**2005/1778**	<1,75	<1,70	26,1 ± 8,4	1430 ± 73	<8,95	<12,9	50,0
46	**2005/1884**	<2,03	<2,08	<20,7	1160 ± 63	<9,49	<14,5	43,8
47	**2005/1899**	<1,73	<1,73	<17,1	1330 ± 68	<7,09	<10,9	17,3
48	**2005/1992**	<1,75	<1,74	10,1 ± 5,1	1300 ± 65	<6,31	<8,48	20,8
49	**2005/2030**	<1,78	<1,60	<18,0	1370 ± 72	<7,88	<11,9	17,7
50	**2005/2056**	<1,63	<1,63	16,7 ± 7,1	2150 ± 105	<7,99	<10,7	27,7
51	**2005/2122**	<1,63	<1,72	<19,7	1760 ± 89	<7,81	<11,2	11,9
52	**2005/2137**	<1,63	<1,56	<16,1	826 ± 45	<6,78	<10,5	15,5

Table 101 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0005	<4,25	<44,1	1180 ± 60	<10,9	<14,3	13,2
2	2006/0020	<4,33	<43,6	5280 ± 250	<11,6	<14,9	21,0
3	2006/0036	<3,45	<36,7	1940 ± 100	<8,44	<12,2	38,8
4	2006/0052	<3,21	<38,2	3070 ± 150	<8,38	<11,3	34,9
5	2006/0067	<4,18	<50,2	4100 ± 200	<11,2	<14,2	45,0
6	2006/0082	<3,69	<40,9	1920 ± 100	<9,10	<12,2	48,3
7	2006/0100	<3,49	<36,6	1960 ± 100	<8,69	<12,7	30,3
8	2006/0129	<3,57	<39,6	1070 ± 60	<9,42	<12,8	22,0
9	2006/0147	<3,51	24,2 ± 6,3	1810 ± 90	<9,67	<12,6	22,1
10	2006/0260	<3,53	<39,4	2870 ± 140	<8,67	<12,5	20,3
11	2006/0298	<3,59	17,2 ± 7,7	2390 ± 120	<8,51	<12,5	29,8
12	2006/0367	2,00 ± 0,58	21,6 ± 7,9	2420 ± 120	<9,39	<12,7	41,0
13	2006/0392	<3,39	30,3 ± 6,3	1470 ± 70	<8,19	<12,8	29,2
14	2006/0414	<3,46	<36,8	3050 ± 150	<9,04	<12,8	10,7
15	2006/0445	<3,38	<37,1	4740 ± 220	<9,18	<12,8	26,4
16	2006/0510	<3,59	<37,2	3770 ± 180	<7,37	<12,3	19,6
17	2006/0533	<3,64	23,3 ± 6,1	4860 ± 230	<9,40	<12,8	47,0
18	2006/0594	<3,47	18,3 ± 6,7	3680 ± 170	<9,30	<12,3	39,3
19	2006/0644	1,51 ± 0,69	26,5 ± 8,0	6720 ± 310	<9,83	<13,2	46,4
20	2006/0681	<2,27	18,3 ± 4,5	5920 ± 270	<6,04	<7,58	31,6
21	2006/0716	<3,54	<38,0	5720 ± 270	<6,43	<12,6	19,3
22	2006/0776	<3,40	<33,4	3840 ± 180	<8,88	<12,3	13,2
23	2006/0793	<3,66	<37,3	3190 ± 150	<9,06	<12,7	13,0
24	2006/0812	<2,94	<33,6	4990 ± 230	<9,03	<11,6	16,9
25	2006/0847	<3,92	<42,8	6030 ± 280	<10,8	<15,2	29,0
26	2006/0863	<3,46	<39,4	5950 ± 280	<9,39	<12,8	25,2

Table 102 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0930	<2,94	<35,2	5180 ± 240	<8,18	<10,9	16,6
28	2006/0966	<3,81	<42,9	8110 ± 380	<8,64	<14,8	25,1
29	2006/0981	<3,52	<36,0	6060 ± 280	<9,09	<12,4	24,0
30	2006/1107	1,66 ± 0,55	<39,4	6940 ± 320	<9,19	<12,6	37,4
31	2006/1134	<3,43	20,0 ± 6,3	6890 ± 320	<9,45	<12,7	31,4
32	2006/1153	<3,38	<36,4	2490 ± 120	<8,79	<12,7	13,1
33	2006/1171	<3,17	<35,9	3140 ± 150	<7,79	<11,2	15,5
34	2006/1192	<3,60	<39,7	5030 ± 230	<8,92	<11,1	22,1
35	2006/1275	<5,25	59,9 ± 10,6	2470 ± 130	<12,7	<18,6	23,1
36	2006/1322*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
37	2006/1354	<3,17	11,4 ± 6,9	3560 ± 170	<8,17	<11,3	20,7
38	2006/1372	<3,18	31,0 ± 7,0	5260 ± 240	<8,43	<12,3	31,0
39	2006/1390	<3,13	34,3 ± 6,7	4860 ± 230	<8,13	<11,5	25,6
40	2006/1485	<3,22	34,9 ± 7,9	4930 ± 230	<8,42	<12,2	39,1
41	2006/1503	<3,01	<35,5	3410 ± 160	<8,15	<11,6	21,5
42	2006/1577	<3,09	26,9 ± 7,4	4570 ± 210	6,97 ± 3,00	<12,0	34,0
43	2006/1662	<3,22	22,4 ± 6,1	4140 ± 190	<8,04	<10,8	39,5
44	2006/1677	<3,32	<38,8	5110 ± 240	<8,81	<12,5	19,5
45	2006/1718	<3,99	20,9 ± 7,5	4300 ± 200	<10,4	<14,8	19,4
46	2006/1741	<3,19	15,2 ± 5,9	2300 ± 110	<7,87	<11,3	21,0
47	2006/1768	<3,23	15,2 ± 7,0	1090 ± 60	<6,62	<11,5	44,6
48	2006/1884	<2,00	6,65 ± 3,62	1010 ± 50	<5,33	<6,74	27,9
49	2006/1902	<3,40	<36,5	1660 ± 80	<8,13	<12,2	40,7
50	2006/1917	<3,10	36,3 ± 6,5	905 ± 48	<6,18	<10,9	23,6
51	2006/1932	<3,24	<37,1	1760 ± 90	<7,43	<10,9	21,7
52	2006/1965	<3,22	<34,7	1430 ± 70	<8,07	<12,4	25,6

Table 103 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0006	<3,30	<36,5	1350 ± 70	<7,82	<11,3	25,0
2	2007/0021	<3,70	<38,0	1370 ± 70	<9,27	<12,8	12,6
3	2007/0039*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
4	2007/0078	<3,36	<37,0	2720 ± 130	<8,39	<12,2	15,6
5	2007/0121	<3,25	<37,1	1630 ± 80	<8,40	<11,9	16,7
6	2007/0155	<3,08	13,8 ± 5,7	1460 ± 70	<8,14	<11,4	11,3
7	2007/0170	<3,31	<34,0	1750 ± 90	<7,99	<12,4	13,7
8	2007/0187	<3,28	<39,0	1740 ± 90	<8,69	<12,6	18,4
9	2007/0203	<3,56	<39,1	2190 ± 110	<8,69	<12,3	26,8
10	2007/0271	<3,29	18,8 ± 6,2	1990 ± 100	<8,33	<10,6	12,0
11	2007/0291	0,983 ± 0,427	14,9 ± 5,3	2660 ± 130	<8,32	<11,4	23,1
12	2007/0326	<3,48	49,3 ± 8,5	2560 ± 130	<8,69	<12,0	23,3
13	2007/0408	<3,13	18,6 ± 7,1	2980 ± 140	<8,48	<12,2	29,2
14	2007/0425	<3,56	27,9 ± 7,4	4530 ± 210	<9,19	<11,0	31,6
15	2007/0450	<3,39	13,7 ± 6,7	3310 ± 160	<6,65	<12,6	21,8
16	2007/0481	<3,21	<40,1	4620 ± 220	<8,41	<11,3	28,7
17	2007/0496	<3,49	<37,5	4460 ± 210	<9,94	<12,6	29,8
18	2007/0565	<3,61	26,2 ± 6,8	4210 ± 200	<9,29	<12,6	39,2
19	2007/0580	<3,29	14,7 ± 6,9	3360 ± 160	<8,99	<12,4	21,5
20	2007/0625	<3,11	<31,9	2860 ± 140	<9,21	<12,3	19,1
21	2007/0650	<3,36	22,9 ± 7,0	3310 ± 160	<8,80	<11,3	22,6
22	2007/0728	<3,54	<41,2	4280 ± 200	<9,37	<12,2	29,2
23	2007/0776	<3,19	<30,1	1960 ± 100	<8,15	<11,6	13,7
24	2007/0792	<3,67	<38,7	5330 ± 250	<9,41	<13,2	18,4
25	2007/0825	<3,43	<39,1	4000 ± 190	<9,05	<12,0	18,5
26	2007/0840	<3,20	<37,3	3450 ± 160	<8,36	<11,6	17,2

Table 104 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0924	<3,28	<36,2	3190 ± 150	<9,34	<12,3	23,2
28	2007/0941	<2,92	13,2 ± 5,6	3160 ± 150	<8,28	<9,95	17,7
29	2007/1016	<3,90	24,8 ± 9,0	3410 ± 170	<10,6	<15,2	20,9
30	2007/1091	<3,58	<41,2	4570 ± 220	<8,89	<13,6	35,6
31	2007/1121	<3,44	<38,5	3370 ± 160	<9,14	<11,9	17,9
32	2007/1154	<3,23	<38,5	3500 ± 170	<8,15	<11,4	21,0
33	2007/1169	<3,29	27,0 ± 6,2	3670 ± 170	<8,62	<10,8	18,9
34	2007/1237	<3,99	<41,9	3830 ± 180	<11,3	<14,5	19,5
35	2007/1252	<3,10	<36,2	3780 ± 180	<8,99	<11,8	21,4
36	2007/1286	<3,05	<32,6	3020 ± 140	<8,05	<11,1	11,4
37	2007/1305	<3,06	<35,1	1200 ± 60	<8,68	<11,3	12,6
38	2007/1353	<4,13	<43,5	4080 ± 190	<11,0	<14,1	19,4
39	2007/1421	<3,54	44,8 ± 9,2	3920 ± 190	<10,4	<13,0	18,0
40	2007/1448	<3,23	30,5 ± 7,7	2980 ± 140	<8,31	<11,9	18,9
41	2007/1489	<3,55	<36,8	2670 ± 130	<9,04	<12,5	20,8
42	2007/1509	<3,29	24,2 ± 6,6	2810 ± 140	<8,85	<11,0	27,4
43	2007/1542	<3,31	<40,7	1820 ± 90	<8,59	<12,6	15,5
44	2007/1629	<3,18	37,0 ± 10,1	895 ± 49	<7,97	<11,6	23,6
45	2007/1653	<3,34	38,4 ± 8,5	1530 ± 80	<8,96	<11,7	14,1
46	2007/1728	<3,16	29,4 ± 7,3	958 ± 51	<8,28	<11,4	7,11
47	2007/1799	<3,54	38,0 ± 11,2	1010 ± 60	<10,7	<14,7	21,4
48	2007/1847	<3,14	23,5 ± 9,3	1930 ± 100	<9,05	<11,7	25,1
49	2007/1862	<3,32	38,4 ± 9,4	2220 ± 110	<8,69	<11,7	23,9
50	2007/1905	<2,93	39,7 ± 8,3	900 ± 49	<7,75	<10,5	18,7
51	2007/1949	<3,15	48,7 ± 8,5	1700 ± 80	<7,81	<11,1	27,5
52	2007/1964	<3,23	29,3 ± 8,0	2850 ± 140	<8,32	<11,2	40,7

Table 105 Aerosol activity (gamma spectrometry) - SDS Mochovce , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0004	<2,51	57,2 ± 16,1	1660 ± 130	<6,37	<8,77	28,2
2	2008/0020	<3,73	32,4 ± 14,9	1180 ± 110	<10,0	<13,2	14,0
3	2008/0035	<3,44	35,7 ± 18,1	2280 ± 190	<9,05	<12,3	22,4
4	2008/0050	<3,19	<39,8	1310 ± 120	<8,19	<11,0	13,4
5	2008/0120	<3,57	26,1 ± 16,4	1850 ± 160	<9,53	<12,7	16,8
6	2008/0135	<3,02	<39,2	2220 ± 190	<7,95	<10,9	26,1
7	2008/0162	<3,18	29,4 ± 15,4	1800 ± 160	<8,48	<11,5	23,1
8	2008/0232	<4,04	41,2 ± 18,0	2840 ± 240	<10,2	<13,7	23,8
9	2008/0299	<2,63	24,2 ± 13,6	3420 ± 270	<7,42	<9,09	29,6
10	2008/0328	<3,65	45,2 ± 19,3	3980 ± 320	<10,4	<14,1	16,0
11	2008/0368	<3,36	46,5 ± 16,8	3320 ± 270	<9,14	<12,2	23,8
12	2008/0397	<3,33	36,5 ± 16,1	2870 ± 240	<9,18	<12,4	9,72
13	2008/0413	<2,82	31,4 ± 13,5	1900 ± 160	<8,06	<11,8	11,6
14	2008/0499	<2,17	18,4 ± 14,6	4990 ± 400	<7,20	<9,23	16,7
15	2008/0518	<1,89	<32,5	2340 ± 200	<6,53	<9,37	19,0
16	2008/0535	<3,75	30,1 ± 16,7	3070 ± 250	<10,3	<13,3	20,8
17	2008/0606	<1,80	<27,9	2320 ± 190	<5,79	<7,95	13,6
18	2008/0624	<3,73	29,2 ± 16,8	5210 ± 410	<9,62	<12,1	23,2
19	2008/0643	<3,67	28,8 ± 17,4	2870 ± 230	<8,52	<12,2	17,8
20	2008/0666	<3,36	28,6 ± 18,4	4050 ± 320	<8,96	<12,6	19,1
21	2008/0700	<2,93	26,2 ± 13,9	3460 ± 280	<9,04	<11,8	19,1
22	2008/0778	<2,09	<35,0	2380 ± 200	<6,48	<8,66	14,3
23	2008/0801	<3,44	39,3 ± 15,6	6090 ± 470	<9,30	<12,0	28,1
24	2008/0846	<1,84	<28,1	4350 ± 350	<5,39	<8,06	16,7
25	2008/0863	<3,86	48,8 ± 18,3	2580 ± 220	<9,85	<14,1	16,0
26	2008/0959	<1,93	<30,6	4250 ± 340	<6,44	<8,95	18,9

Table 106 Aerosol activity (gamma spectrometry) - SDS Mochovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0981	<1,97	<31,8	4360 ± 350	<6,73	<9,02	19,7
28	2008/1063	<1,79	<33,5	4380 ± 350	<6,39	<9,20	18,4
29	2008/1087	<2,10	<33,3	3250 ± 270	<6,91	<9,66	21,0
30	2008/1102	<3,22	31,0 ± 15,9	3590 ± 290	<7,58	<11,7	13,6
31	2008/1167	<1,99	<33,1	4070 ± 330	<6,88	<9,12	16,7
32	2008/1185	<3,18	16,0 ± 15,8	4460 ± 350	<7,65	<12,0	20,3
33	2008/1212	<2,28	<33,3	4270 ± 340	<6,23	<9,19	19,6
34	2008/1237	<3,50	43,0 ± 18,2	3830 ± 310	7,05 ± 6,01	<12,5	17,0
35	2008/1283	<2,02	<31,8	3220 ± 260	<6,79	<8,76	19,0
36	2008/1360	<2,21	45,8 ± 18,4	3700 ± 300	<7,26	<9,06	24,9
37	2008/1398	<3,13	55,5 ± 18,0	4640 ± 360	10,8 ± 6,1	<10,6	36,9
38	2008/1413	<2,08	<28,6	2640 ± 220	<6,56	<8,74	18,2
39	2008/1500	<2,17	18,9 ± 9,8	1080 ± 90	<5,51	<7,96	17,7
40	2008/1517	<2,06	<28,2	3690 ± 300	6,84 ± 5,36	<9,13	17,8
41	2008/1553	<3,03	23,9 ± 14,3	2160 ± 180	<8,02	<11,2	15,3
42	2008/1573	<2,47	26,7 ± 11,8	1360 ± 120	10,4 ± 5,3	<8,37	18,8
43	2008/1595	<2,26	35,1 ± 10,6	2350 ± 190	<5,09	<7,67	24,4
44	2008/1643	<2,33	9,19 ± 9,94	2440 ± 190	<5,77	<8,35	27,4
45	2008/1716	<2,41	30,3 ± 10,8	3350 ± 260	8,69 ± 5,07	<8,26	21,4
46	2008/1741	<2,94	<33,1	3770 ± 310	9,43 ± 5,46	<10,4	35,0
47	2008/1756	<3,16	18,7 ± 11,6	2020 ± 180	8,90 ± 5,75	<11,4	21,4
48	2008/1833	<2,76	<28,2	1880 ± 160	8,09 ± 4,86	<9,31	9,54
49	2008/1873	<3,32	<33,8	1950 ± 170	12,0 ± 5,8	<11,4	13,3
50	2008/1893	<2,90	17,9 ± 10,8	1540 ± 140	9,74 ± 5,46	<9,97	12,5
51	2008/1938	<3,10	<32,9	2620 ± 220	7,62 ± 5,21	<11,4	10,7
52	2008/2055	<3,25	13,4 ± 11,0	1640 ± 140	9,44 ± 5,95	<10,4	11,8

Table 107 Aerosol activity (gamma spectrometry) - SDS Mochovce , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0005	<2,50	<2,46	48,4 ± 9,8	1940 ± 97	<11,4	<16,2	19,4
2	2005/0020	<2,58	<2,51	<28,6	1400 ± 77	<11,5	<17,2	20,9
3	2005/0041	<2,15	<2,13	25,8 ± 8,2	1720 ± 87	<10,2	<15,3	19,8
4	2005/0056	<2,16	<2,12	<25,0	1650 ± 84	<10,4	<15,4	13,9
5	2005/0125	<2,24	<2,15	<27,0	1570 ± 81	<8,13	<13,4	21,9
6	2005/0156	<1,99	<1,90	<22,0	4700 ± 223	<9,41	<14,1	41,7
7	2005/0190	<2,10	<1,95	26,0 ± 8,8	824 ± 47	<9,92	<15,1	48,6
8	2005/0255	<2,08	<1,89	<21,3	1310 ± 71	<10,3	<15,2	24,2
9	2005/0270	<2,04	<1,97	28,6 ± 9,1	1750 ± 86	<9,92	<14,2	30,3
10	2005/0305	<2,24	<2,10	37,9 ± 11,5	2770 ± 139	<11,8	<15,9	31,8
11	2005/0332	<2,27	<2,26	45,2 ± 9,8	2320 ± 119	<11,5	<17,1	27,4
12	2005/0349	<2,26	<2,16	32,1 ± 10,0	4850 ± 229	<10,9	<15,8	29,5
13	2005/0377	<2,10	<2,32	<26,1	4460 ± 212	<11,3	<14,5	45,5
14	2005/0396	<2,18	<2,14	<24,6	6930 ± 322	<11,1	<15,6	55,7
15	2005/0428	<1,87	<1,67	<18,8	5800 ± 267	<9,05	<11,7	40,7
16	2005/0489	<1,74	<1,62	<19,2	3900 ± 185	<8,33	<13,1	33,7
17	2005/0555	<1,87	<1,65	<19,5	4310 ± 203	<8,83	<13,1	24,8
18	2005/0638	<2,35	<2,15	<23,2	5120 ± 244	<11,5	<16,1	25,7
19	2005/0665	<1,69	<1,64	27,6 ± 8,4	3010 ± 145	<8,01	<12,7	11,9
20	2005/0698	<2,21	<2,17	<23,5	2960 ± 142	<9,72	<14,2	16,9
21	2005/0752	<2,16	<2,06	<23,0	5100 ± 239	<10,2	<14,5	19,9
22	2005/0819	<2,12	<2,27	<25,6	5540 ± 259	<10,2	<14,4	26,2
23	2005/0858	<2,28	<2,28	<24,4	4230 ± 200	<10,4	<14,6	20,4
24	2005/0878	<2,05	<1,85	<21,5	4940 ± 229	<8,39	<11,3	20,8
25	2005/0910	<1,98	<1,93	28,7 ± 8,2	4970 ± 230	<8,10	<11,5	24,8
26	2005/1007	<2,15	<2,12	<22,8	5260 ± 246	<9,44	<13,7	24,7

Table 108 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1027	<2,33	<2,14	30,4 ± 9,1	3740 ± 180	7,98 ± 4,40	<14,1	22,0
28	2005/1058	<2,65	<2,38	<28,3	3860 ± 190	14,1 ± 5,2	<14,1	30,8
29	2005/1076	<2,37	<2,21	19,3 ± 7,6	5890 ± 272	14,7 ± 4,1	<11,9	29,5
30	2005/1092	<2,19	<2,11	<24,0	3740 ± 175	17,5 ± 3,6	<11,5	30,0
31	2005/1164	<2,61	<2,44	<28,5	5080 ± 247	<10,0	<18,0	39,5
32	2005/1195	<1,85	<1,71	14,2 ± 6,2	2400 ± 114	11,2 ± 3,5	<10,6	10,1
33	2005/1243	<2,21	<2,05	<23,8	3140 ± 156	12,9 ± 4,6	<15,8	15,6
34	2005/1369	<2,01	<1,97	25,4 ± 9,0	3650 ± 173	<8,30	<12,1	18,5
35	2005/1384	<1,82	<1,75	30,9 ± 7,1	4930 ± 228	<8,16	<10,9	25,7
36	2005/1422	<2,18	<1,97	39,7 ± 12,3	4960 ± 238	<11,2	<14,9	40,4
37	2005/1443	<1,90	<1,81	28,1 ± 8,4	3630 ± 171	<9,31	<12,2	32,3
38	2005/1458	<2,34	<2,25	<23,3	2910 ± 145	<11,0	<15,1	12,2
39	2005/1521	<2,16	<2,06	<23,9	4750 ± 223	<10,6	<15,7	23,8
40	2005/1549	<2,10	<2,06	27,5 ± 7,2	2990 ± 141	<7,69	<10,3	20,8
41	2005/1593	<2,37	<2,56	46,1 ± 14,9	5080 ± 243	<11,4	<15,9	31,7
42	2005/1612	<1,76	<1,75	24,2 ± 8,1	2320 ± 110	<7,70	<10,0	22,8
43	2005/1633	<2,14	<1,94	<25,1	1950 ± 103	14,4 ± 4,9	<16,4	25,7
44	2005/1725	<2,12	<2,08	48,7 ± 9,4	3460 ± 166	<10,7	<13,8	33,8
45	2005/1779	<2,39	<2,18	<24,7	1470 ± 83	<11,5	<16,9	52,3
46	2005/1885	<1,85	<1,81	<18,9	1200 ± 60	<7,83	<12,7	45,2
47	2005/1900	<2,06	<2,00	<22,0	1370 ± 74	<10,2	<16,4	19,1
48	2005/1993	<1,81	<1,71	25,9 ± 6,8	1550 ± 77	<8,05	<12,0	21,8
49	2005/2031	<1,98	<2,08	<21,7	1480 ± 76	<9,92	<13,7	20,9
50	2005/2057	<2,30	<2,23	<26,8	1770 ± 96	<11,2	<18,0	32,6
51	2005/2123	<2,24	<2,03	<24,5	1820 ± 93	<9,78	<13,8	12,9
52	2005/2138	<2,24	<2,32	<25,2	1350 ± 74	<11,0	<17,9	14,6

Table 109 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0006	<4,46	<46,7	1240 ± 70	10,2 ± 5,7	<15,9	17,3
2	2006/0021	<5,64	38,7 ± 9,6	5880 ± 280	<14,8	<19,5	36,2
3	2006/0037	<5,87	<60,6	1790 ± 100	<14,2	<19,2	37,8
4	2006/0053	<4,62	56,5 ± 9,4	3210 ± 150	<11,1	<15,7	41,6
5	2006/0068	<5,12	<53,9	2190 ± 110	<13,6	<17,7	54,3
6	2006/0083	<4,43	<48,6	1440 ± 80	<12,4	<15,9	51,6
7	2006/0101	<4,44	<45,6	1120 ± 60	<11,3	<15,7	27,7
8	2006/0130	<5,61	<59,5	740 ± 47	<15,8	<20,2	27,7
9	2006/0148	<5,08	18,3 ± 9,0	1930 ± 100	<13,3	<17,5	28,1
10	2006/0261	<4,83	<47,5	2850 ± 140	<12,7	<17,4	21,2
11	2006/0299	<3,91	<42,5	2130 ± 100	<9,98	<13,9	34,1
12	2006/0368	<5,07	<54,8	1650 ± 90	<12,7	<17,8	45,0
13	2006/0393	<3,73	21,6 ± 8,3	1710 ± 80	<9,84	<14,2	33,5
14	2006/0415	1,42 ± 0,63	<51,5	3180 ± 150	<11,3	<15,1	11,8
15	2006/0446	<2,49	39,4 ± 7,4	4630 ± 210	14,3 ± 3,3	<9,17	29,1
16	2006/0511	<2,36	<26,0	3950 ± 180	<6,60	<8,10	20,4
17	2006/0534	<3,66	30,6 ± 7,6	4790 ± 220	<10,2	<13,9	38,3
18	2006/0595	<5,18	<53,8	3670 ± 180	<13,6	<17,4	34,8
19	2006/0645	2,34 ± 0,75	17,7 ± 8,3	6950 ± 320	<10,1	<13,7	43,2
20	2006/0682	<3,09	31,2 ± 7,5	5380 ± 250	<6,59	<11,1	38,2
21	2006/0714	<4,63	<49,5	5550 ± 260	<12,2	<17,9	22,6
22	2006/0777	<3,61	<42,4	3680 ± 170	<9,94	<13,5	11,2
23	2006/0794	<2,45	17,4 ± 4,6	3210 ± 150	<6,37	<8,15	12,1
24	2006/0813	<4,22	19,1 ± 8,3	4760 ± 220	<11,3	<15,3	17,0
25	2006/0848	<4,52	30,7 ± 8,6	5910 ± 270	<12,0	<16,1	27,0
26	2006/0864	<3,72	21,2 ± 8,3	5970 ± 280	<10,0	<14,5	22,4

Table 110 Aerosol activity (gamma spectrometry) - SDS Čifáre, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čiféra - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0931**	<4,32	<52,5	5550 ± 260	<11,6	<16,2	28,7
28	**2006/0967**	<3,41	22,0 ± 7,1	8120 ± 370	<9,59	<12,1	32,9
29	**2006/0982**	1,38 ± 0,69	24,2 ± 7,4	6200 ± 290	<10,1	<13,5	23,1
30	**2006/1108**	<2,55	30,4 ± 6,6	7260 ± 330	8,65 ± 3,04	<8,66	33,6
31	**2006/1135**	<2,91	<32,8	5900 ± 270	<6,32	<11,7	27,4
32	**2006/1154**	<3,90	12,4 ± 8,2	2550 ± 120	<9,37	<13,8	11,9
33	**2006/1172**	<3,69	<41,1	3160 ± 150	<9,40	<13,7	12,7
34	**2006/1193**	<2,80	<29,8	4530 ± 210	<7,36	<10,7	17,9
35	**2006/1276**	<2,97	26,6 ± 6,2	3070 ± 140	<7,10	<10,6	17,8
36	**2006/1323**	<3,77	22,3 ± 6,4	3000 ± 140	<9,06	<13,6	12,7
37	**2006/1355**	<2,82	28,8 ± 5,4	3640 ± 170	<6,93	<10,7	17,8
38	**2006/1373**	<2,89	28,5 ± 6,4	5130 ± 240	<7,35	<10,7	25,6
39	**2006/1391**	<3,00	14,4 ± 6,7	5160 ± 240	<7,20	<10,5	23,7
40	**2006/1486**	<2,91	37,3 ± 7,2	4430 ± 200	<7,11	<8,56	33,0
41	**2006/1504**	<3,10	29,9 ± 6,3	3420 ± 160	<7,67	<11,1	14,5
42	**2006/1578**	<3,42	35,3 ± 6,6	4440 ± 210	<7,28	<12,6	35,6
43	**2006/1663**	<3,74	21,7 ± 8,5	3580 ± 170	6,83 ± 3,66	<13,3	39,8
44	**2006/1678**	<3,14	27,7 ± 5,9	4930 ± 230	9,47 ± 3,97	<11,2	22,1
45	**2006/1719**	<3,35	<35,9	4010 ± 190	<8,71	<11,0	22,7
46	**2006/1742**	<3,63	34,2 ± 7,3	2160 ± 110	<9,41	<13,7	18,9
47	**2006/1769**	<2,97	<31,0	1100 ± 50	<7,19	<10,8	43,4
48	**2006/1885**	<3,67	<36,5	1020 ± 50	<12,9 ± 3,6	<12,3	29,6
49	**2006/1903**	<3,76	<40,3	1480 ± 70	<8,89	<13,5	38,0
50	**2006/1918**	<3,02	17,8 ± 5,9	1010 ± 50	<7,71	<10,5	23,1
51	**2006/1933**	<3,69	19,7 ± 7,3	1570 ± 80	<8,27	<12,7	21,2
52	**2006/1966**	<3,70	29,9 ± 8,1	1680 ± 80	<8,89	<13,9	26,4

Table 111 Aerosol activity (gamma spectrometry) - SDS Čiféra, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čiáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0007	<3,19	29,9 ± 6,1	1080 ± 50	<7,61	<11,1	22,1
2	2007/0022	1,05 ± 0,58	18,8 ± 5,4	1390 ± 70	<6,76	<8,82	12,8
3	2007/0040*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
4	2007/0079	<3,06	19,7 ± 6,3	2520 ± 120	<8,57	<11,1	17,8
5	2007/0122	<2,93	<33,4	1580 ± 80	<7,43	<9,69	12,8
6	2007/0156	<3,10	25,2 ± 6,5	1380 ± 70	<7,83	<9,99	12,8
7	2007/0171	<2,91	20,4 ± 6,0	1590 ± 80	<7,54	<10,8	14,5
8	2007/0188	<2,91	22,6 ± 6,6	1600 ± 80	<7,55	<10,1	20,3
9	2007/0204	<3,75	<40,1	2240 ± 110	<9,97	<12,1	29,7
10	2007/0272	<3,13	23,0 ± 5,4	1880 ± 90	<7,93	<8,01	15,4
11	2007/0292	<4,33	38,4 ± 10,3	2280 ± 120	<9,19	<15,7	25,4
12	2007/0327	<2,49	24,8 ± 6,3	2160 ± 100	12,7 ± 3,0	<8,34	22,2
13	2007/0409	<4,86	<51,9	1910 ± 90	<11,5	<17,3	25,6
14	2007/0426	<4,09	<45,3	3910 ± 190	<10,9	<15,0	31,5
15	2007/0451	<3,93	<39,1	3010 ± 150	<10,3	<14,3	19,4
16	2007/0482	<3,09	25,3 ± 6,5	4390 ± 200	<7,11	<11,2	30,8
17	2007/0497	<3,15	53,8 ± 9,5	4280 ± 200	<8,42	<10,6	53,5
18	2007/0566	<3,88	31,8 ± 8,2	4130 ± 200	<10,5	<14,3	42,5
19	2007/0581	<3,14	19,0 ± 6,7	3100 ± 150	13,1 ± 3,9	<11,5	21,3
20	2007/0626	<2,89	10,7 ± 5,1	2570 ± 120	<7,99	<10,7	20,4
21	2007/0651	<2,71	16,4 ± 6,1	2970 ± 140	<5,59	<7,97	22,9
22	2007/0729	<3,84	<43,0	4000 ± 190	<10,1	<14,4	28,2
23	2007/0777	<3,25	14,7 ± 6,8	1790 ± 90	<7,93	<9,67	15,3
24	2007/0793	<3,78	33,7 ± 8,4	5190 ± 240	<10,3	<12,7	24,6
25	2007/0826	<3,54	<41,3	3510 ± 170	<9,66	<13,1	18,7
26	2007/0841	<4,52	<53,3	3110 ± 150	<12,2	<16,5	19,5

Table 112 Aerosol activity (gamma spectrometry) - SDS Čiáre, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čiáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0925**	<3,83	<40,1	3090 ± 150	<10,2	<12,6	16,1
28	**2007/0942**	<3,38	22,2 ± 7,6	2780 ± 130	<8,21	<11,1	15,7
29	**2007/1017**	<3,59	35,5 ± 8,0	2980 ± 140	<9,18	<12,6	20,9
30	**2007/1092**	<3,73	50,5 ± 9,7	4300 ± 200	<9,58	<13,7	31,4
31	**2007/1122**	<3,32	22,1 ± 6,5	3090 ± 150	<9,11	<12,3	18,7
32	**2007/1155**	<3,71	<41,6	3170 ± 150	<9,63	<13,5	23,6
33	**2007/1170**	<2,47	<26,6	3240 ± 150	<7,21	<7,89	19,7
34	**2007/1238**	<3,23	36,0 ± 7,9	3090 ± 140	<9,21	<11,4	21,9
35	**2007/1253**	<3,88	<42,0	3420 ± 160	<9,92	<12,7	21,9
36	**2007/1287**	<3,46	<36,7	2930 ± 140	<9,50	<11,5	14,2
37	**2007/1306**	<2,82	13,7 ± 5,2	566 ± 29	<7,58	<9,69	7,48
38	**2007/1354**	<3,52	25,1 ± 7,2	3690 ± 170	<9,52	<12,5	18,8
39	**2007/1422**	<3,20	46,9 ± 9,0	3460 ± 160	<8,03	<11,3	20,4
40	**2007/1449**	<2,89	51,1 ± 8,2	2870 ± 140	<7,76	<10,6	23,4
41	**2007/1490**	<2,93	33,4 ± 9,0	2210 ± 110	<8,63	<11,3	25,1
42	**2007/1510**	<3,58	53,3 ± 12,9	2030 ± 100	<9,84	<13,1	29,0
43	**2007/1543**	<3,87	46,3 ± 9,7	1730 ± 90	<9,65	<13,8	17,0
44	**2007/1630**	<4,66	50,6 ± 9,9	671 ± 44	<12,3	<16,9	21,9
45	**2007/1654**	<3,76	40,9 ± 9,7	1240 ± 60	<10,2	<14,2	14,5
46	**2007/1729**	<3,87	35,2 ± 8,5	845 ± 46	<9,63	<13,6	6,80
47	**2007/1800**	<4,60	31,4 ± 9,9	952 ± 57	<12,1	<16,0	22,9
48	**2007/1848**	<2,91	71,1 ± 9,3	1830 ± 90	<8,26	<10,6	27,8
49	**2007/1863**	<4,11	61,7 ± 12,8	1970 ± 100	<11,3	<15,6	23,0
50	**2007/1906**	<2,56	31,8 ± 6,5	831 ± 42	<7,13	<8,86	18,8
51	**2007/1950**	<3,99	43,3 ± 10,6	1730 ± 90	<10,9	<13,9	27,4
52	**2007/1965**	<3,33	46,9 ± 8,3	2710 ± 130	<9,09	<12,0	37,3

Table 113 Aerosol activity (gamma spectrometry) - SDS Čiáre , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čiáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0005	<3,41	65,5 ± 19,6	1580 ± 140	<8,97	<12,2	31,7
2	2008/0021	<2,94	52,8 ± 19,0	1250 ± 110	<7,94	<10,5	15,9
3	2008/0036	<3,02	51,0 ± 19,8	2140 ± 180	<8,07	<11,0	23,7
4	2008/0051	<3,41	35,7 ± 16,0	1400 ± 120	<8,65	<12,1	15,3
5	2008/0121	<2,95	40,3 ± 14,5	1650 ± 140	<7,76	<10,8	20,7
6	2008/0136	<3,00	49,6 ± 15,6	1980 ± 160	<7,63	<10,8	25,5
7	2008/0163	<3,91	45,2 ± 20,2	1390 ± 120	<9,62	<14,3	22,9
8	2008/0233	<4,44	85,0 ± 24,0	2170 ± 190	<11,6	<15,5	23,0
9	2008/0300	<4,05	37,0 ± 21,6	2930 ± 250	<10,5	<13,8	29,7
10	2008/0329	<3,93	65,4 ± 21,0	3490 ± 270	<11,6	<14,0	17,0
11	2008/0369	<3,01	44,6 ± 14,8	2650 ± 210	<8,13	<10,9	24,6
12	2008/0398	<2,74	36,2 ± 16,4	2570 ± 200	<7,63	<10,2	10,3
13	2008/0414	<2,57	46,1 ± 15,5	1720 ± 140	<7,23	<9,66	11,9
14	2008/0500	<2,25	54,9 ± 19,1	4490 ± 360	<7,44	<9,91	31,6
15	2008/0519	<2,47	<36,5	2370 ± 200	<7,50	<10,1	18,9
16	2008/0536	<3,02	57,2 ± 17,0	2870 ± 230	<8,19	<11,2	22,7
17	2008/0607	<2,59	<43,6	1990 ± 180	<8,28	<11,2	14,2
18	2008/0625	2,06 ± 1,08	65,1 ± 18,0	4620 ± 360	<8,60	<11,3	23,8
19	2008/0644	<2,19	18,8 ± 14,9	2820 ± 230	<7,84	<9,65	16,2
20	2008/0667	<3,39	45,2 ± 19,0	3620 ± 290	<9,40	<12,3	18,7
21	2008/0701	<3,62	47,7 ± 16,2	3230 ± 260	<9,36	<11,8	22,2
22	2008/0779	<2,81	<42,1	2060 ± 180	<9,93	<12,9	19,5
23	2008/0802	<3,04	70,7 ± 19,5	5830 ± 440	<8,64	<11,1	33,2
24	2008/0847	<2,40	<34,7	4160 ± 340	<7,47	<10,6	20,1
25	2008/0864	<3,43	67,2 ± 19,8	2730 ± 220	<8,81	<12,1	16,9
26	2008/0960	<2,37	<35,0	4030 ± 320	<7,14	<10,0	21,2

Table 114 Aerosol activity (gamma spectrometry) - SDS Čiáre, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0982	<3,52	<55,0	2090 ± 200	28,7 ± 12,3	<15,3	13,0
28	2008/1064*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2008/1088*						
30	2008/1103*						
31	2008/1171*						
32	2008/1186*						
33	2008/1213*						
34	2008/1238*						
35	2008/1284*						
36	2008/1361*						
37	2008/1399	1,53 ± 1,20	126 ± 23	5050 ± 390	17,4 ± 7,7	<9,54	91,1
38	2008/1414	<1,98	<30,6	2800 ± 220	<6,86	<8,61	18,7
39	2008/1501	<2,81	34,8 ± 14,9	1180 100	<8,00	<10,3	11,9
40	2008/1518	<2,31	<35,4	4160 ± 330	12,9 ± 6,6	<9,99	27,9
41	2008/1554	<2,65	<38,8	2850 ± 240	18,8 ± 7,4	<11,3	13,9
42	2008/1574	<2,95	33,6 ± 16,0	1340 ± 120	27,0 ± 7,7	<10,5	29,8
43	2008/1596	<2,48	32,8 ± 14,3	2590 ± 210	12,6 ± 5,6	<9,32	29,7
44	2008/1644	<2,63	26,6 ± 14,4	2660 ± 210	<6,42	<9,72	34,0
45	2008/1717	<2,79	24,9 ± 13,2	3170 ± 250	<7,28	<9,87	25,6
46	2008/1742	<2,00	75,3 ± 19,2	3110 ± 360	<6,32	<10,3	40,2
47	2008/1757	<2,47	24,2 ± 12,5	2560 ± 200	<6,28	<8,65	30,6
48	2008/1834	<3,41	18,9 ± 11,4	1810 ± 150	<8,71	<11,1	11,9
49	2008/1874	2,15 ± 1,91	<31,5	2080 ± 170	<8,69	<11,5	18,8
50	2008/1894	<2,97	26,6 ± 13,8	1580 ± 130	16,1 ± 6,4	<9,50	17,0
51	2008/1939	<2,81	16,2 ± 12,9	2940 ± 230	14,5 ± 6,5	<10,3	17,0
52	2008/2056	<3,24	69,3 ± 27,2	1750 ± 210	<11,5	<14,5	11,9

Table 115 Aerosol activity (gamma spectrometry) - SDS Čifáre , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0006	<2,42	<2,35	41,9 ± 9,7	2040 ± 101	<11,2	<16,1	20,8
2	2005/0021	<2,61	<2,51	<27,2	1240 ± 72	<12,0	<16,5	24,3
3	2005/0042	<2,33	<2,25	26,3 ± 7,6	1990 ± 99	<10,3	<15,8	25,7
4	2005/0057	<2,21	<2,17	<22,6	1040 ± 57	<10,0	<15,5	15,8
5	2005/0126	<2,18	<2,22	27,2 ± 8,9	1710 ± 87	<8,58	<12,9	22,9
6	2005/0157	<1,96	<2,15	45,3 ± 10,5	5360 ± 254	<10,9	<16,0	55,5
7	2005/0191	<1,78	<1,82	27,7 ± 7,7	1030 ± 52	<8,51	<11,9	52,1
8	2005/0256	<2,15	<1,88	<20,4	1070 ± 62	<10,3	<15,2	27,7
9	2005/0271	<2,16	<2,08	<21,8	1850 ± 90	<10,2	<14,7	34,9
10	2005/0306	<1,70	1,52 ± 0,69	44,6 ± 7,6	3170 ± 149	<9,06	<10,6	35,7
11	2005/0333	<2,16	<2,16	<22,4	3190 ± 153	<10,5	<15,8	33,6
12	2005/0350	<1,85	<1,74	27,2 ± 7,5	5180 ± 239	<10,0	<13,2	33,8
13	2005/0378	<2,47	<2,14	<26,5	4210 ± 201	<11,1	<16,2	47,8
14	2005/0397	<2,01	<2,02	<21,8	6900 ± 321	<10,8	<15,5	58,1
15	2005/0429	<1,92	<1,74	<17,6	6240 ± 286	<8,80	<12,7	41,6
16	2005/0490	<1,90	<1,77	<19,3	3610 ± 171	<9,13	<13,1	35,8
17	2005/0556	<1,75	<1,83	<19,5	4760 ± 219	<6,56	<9,28	29,8
18	2005/0639	<1,68	<1,61	<18,9	5360 ± 250	<8,57	<10,4	29,7
19	2005/0666	<1,79	<1,65	<18,0	3570 ± 167	<7,86	<12,3	14,9
20	2005/0699	<2,19	<2,15	<22,9	3210 ± 154	<9,19	<12,8	17,9
21	2005/0753	<2,17	<2,18	<21,5	5160 ± 242	<10,2	<13,7	19,9
22	2005/0820	<2,33	<2,11	<24,1	5840 ± 272	<10,2	<12,8	32,7
23	2005/0859	<2,31	<2,19	<22,3	4060 ± 190	<9,56	<13,7	22,9
24	2005/0879	<2,14	<2,07	<21,6	5080 ± 239	<9,43	<13,9	21,8
25	2005/0911	<2,03	<2,10	<23,3	5420 ± 253	<9,01	<14,2	22,8
26	2005/1008	<2,39	<2,25	<25,2	5620 ± 268	<11,9	<17,7	25,7

Table 116 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1028	<2,47	<2,15	<24,9	3160 ± 159	11,3 ± 4,7	<16,9	21,0
28	2005/1059	<2,37	<2,14	33,1 ± 9,5	4380 ± 209	<10,2	<14,7	29,7
29	2005/1077	<2,05	<1,99	40,0 ± 8,0	6770 ± 314	9,17 ± 3,49	<12,8	46,4
30	2005/1093	<2,28	<2,18	<25,0	4020 ± 192	12,5 ± 4,1	<16,1	34,0
31	2005/1165	<2,48	<2,57	<27,0	3460 ± 174	<10,4	<17,9	37,5
32	2005/1196	<2,21	<2,20	<23,5	2660 ± 131	6,94 ± 3,85	<14,6	11,1
33	2005/1244	<1,87	<1,68	16,0 ± 5,7	3180 ± 150	9,30 ± 2,95	<11,0	14,7
34	2005/1370	<2,10	<1,93	23,2 ± 8,4	3710 ± 175	<10,1	<13,6	19,7
35	2005/1385	<2,13	<2,03	<22,1	5720 ± 266	<11,0	<12,9	22,2
36	2005/1423	<2,10	<2,01	<22,0	5500 ± 262	<11,2	<16,4	32,7
37	2005/1444	<2,20	<2,03	33,2 ± 8,8	3740 ± 179	<10,5	<14,4	30,0
38	2005/1459	<2,16	<2,15	<24,3	3060 ± 159	<12,1	<16,4	12,2
39	2005/1522	<2,28	<2,25	<25,7	4800 ± 230	<11,6	<16,8	26,8
40	2005/1550	<1,96	<1,89	34,5 ± 8,2	3420 ± 162	<8,95	<11,8	19,8
41	2005/1594	<2,14	<2,22	<25,6	4880 ± 229	<10,4	<16,3	34,7
42	2005/1613	<1,94	<1,92	<19,4	2460 ± 121	<9,12	<14,3	22,8
43	2005/1634	<2,23	<1,89	<20,6	2060 ± 104	<10,5	<14,0	23,7
44	2005/1726	<2,15	<2,00	<22,6	3500 ± 168	<10,5	<13,7	35,8
45	2005/1780	<2,32	<2,00	18,1 ± 10,2	1340 ± 76	<10,2	<16,6	57,2
46	2005/1886	<2,09	<2,05	<23,0	1370 ± 71	<8,84	<16,0	48,6
47	2005/1901	<1,72	<1,73	<17,6	1450 ± 72	<7,31	<9,79	20,9
48	2005/1994	<1,63	<1,55	28,9 ± 6,0	1450 ± 69	<5,61	<8,10	23,8
49	2005/2032	<1,64	<1,58	28,7 ± 6,5	1180 ± 57	<5,63	<7,38	22,9
50	2005/2059	<2,47	<2,42	<26,2	2300 ± 119	<12,0	<17,8	31,7
51	2005/2124	<2,12	<2,13	<24,2	1780 ± 91	<9,97	<14,0	13,9
52	2005/2139	<2,31	<2,23	<25,4	1500 ± 81	<10,9	<17,7	18,9

Table 117 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0007	<5,49	<58,8	1350 ± 80	<13,7	<18,9	20,8
2	2006/0022	<5,27	34,3 ± 10,5	6120 ± 290	<12,8	<18,6	39,7
3	2006/0038	<5,90	40,2 ± 11,9	1960 ± 110	<15,4	<21,3	38,8
4	2006/0054	<5,63	<56,4	3410 ± 170	<14,1	<18,8	44,3
5	2006/0069	<5,32	<62,3	3190 ± 160	<14,1	<18,6	62,4
6	2006/0084	<2,96	22,5 ± 6,7	1710 ± 80	<8,70	<10,5	57,6
7	2006/0102	<4,88	16,5 ± 9,1	1400 ± 70	<11,7	<12,2	32,7
8	2006/0131	<4,38	27,9 ± 9,5	1160 ± 60	<12,2	<16,6	32,7
9	2006/0149	<3,88	<42,9	1830 ± 90	<9,70	<14,2	30,7
10	2006/0262	<3,98	<40,4	3090 ± 150	<10,2	<12,8	28,0
11	2006/0300	<5,15	<56,3	2680 ± 130	<13,3	<18,9	39,1
12	2006/0369	<3,99	25,0 ± 7,8	2200 ± 110	<9,71	<14,0	51,8
13	2006/0394	<2,63	19,8 ± 4,9	1960 ± 90	<6,76	<9,95	37,8
14	2006/0416	<3,89	<40,6	3640 ± 170	<9,71	<13,8	15,2
15	2006/0447	<3,83	30,0 ± 8,6	5090 ± 240	<10,3	<13,9	33,4
16	2006/0512	<4,66	50,6 ± 12,3	4480 ± 210	<12,6	<17,7	24,7
17	2006/0535	<3,91	<42,8	5600 ± 260	<10,2	<13,7	40,0
18	2006/0596	<5,08	<49,8	3830 ± 180	<12,7	<15,4	29,7
19	2006/0646	3,64 ± 0,75	24,0 ± 6,3	7440 ± 340	<7,98	<11,2	40,0
20	2006/0683	<3,15	34,5 ± 6,9	6390 ± 290	8,18 ± 3,75	<9,85	34,9
21	2006/0715	<3,69	17,3 ± 8,7	5630 ± 260	<10,5	<13,7	32,9
22	2006/0778	<3,68	<40,2	3900 ± 180	<9,96	<13,6	12,8
23	2006/0795	<2,93	24,2 ± 6,2	3390 ± 160	<7,85	<11,0	14,6
24	2006/0814	<4,37	<44,4	5230 ± 250	<11,1	<15,7	18,5
25	2006/0849	<4,39	29,1 ± 9,6	6660 ± 310	<12,1	<15,8	28,9
26	2006/0865	<2,51	28,3 ± 5,7	5870 ± 270	<6,87	<9,42	27,9

Table 118 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0932	<3,84	19,0 ± 8,1	5040 ± 230	<10,2	<14,0	17,9
28	2006/0968*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2006/0983*						
30	2006/1109*						
31	2006/1136*						
32	2006/1155*						
33	2006/1173*						
34	2006/1194*						
35	2006/1277*						
36	2006/1324*						
37	2006/1356	<2,79	16,7 ± 6,1	918 ± 45	<6,68	<10,0	13,1
38	2006/1374	<2,91	28,4 ± 7,4	5330 ± 250	<7,54	<10,6	35,0
39	2006/1392	1,37 ± 0,53	23,8 ± 7,1	5320 ± 240	<7,44	<11,0	26,3
40	2006/1487	<3,58	28,9 ± 9,3	4060 ± 190	<9,03	<13,4	40,6
41	2006/1505	0,836 ± 0,443	33,3 ± 6,1	3660 ± 170	15,7 ± 3,0	<8,05	18,8
42	2006/1579	<2,49	31,1 ± 7,1	4820 ± 220	12,2 ± 3,0	<8,30	40,7
43	2006/1664	<4,21	<54,0	3780 ± 180	8,91 ± 3,94	<14,0	36,6
44	2006/1679	<3,41	16,9 ± 6,0	1930 ± 90	<8,78	<12,8	14,0
45	2006/1720	<3,53	25,5 ± 6,5	4430 ± 210	<8,51	<12,3	19,8
46	2006/1743	<3,89	<40,7	2220 ± 110	<7,73	<13,9	23,2
47	2006/1770	<5,25	<53,4	1440 ± 80	<9,85	<17,7	51,0
48	2006/1886	<2,89	9,63 ± 5,48	1160 ± 60	<6,62	<10,4	34,7
49	2006/1904	<2,95	39,3 ± 6,9	1900 ± 90	<7,39	<10,7	44,1
50	2006/1919	<2,47	17,0 ± 5,1	1130 ± 50	<5,91	<8,88	26,6
51	2006/1934	<4,30	<48,3	1600 ± 80	<10,9	<16,4	24,4
52	2006/1967	<3,66	13,9 ± 8,0	1620 ± 80	<9,08	<13,6	32,2

Table 119 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0008	<2,45	27,8 ± 6,1	1240 ± 60	<6,01	<8,26	25,5
2	2007/0021	<3,53	12,2 ± 6,2	1360 ± 70	<8,23	<11,9	14,8
3	2007/0041	<3,05	<33,8	2550 ± 120	<8,16	<7,65	20,4
4	2007/0080	<3,25	28,9 ± 6,5	2830 ± 130	5,12 ± 3,57	<10,2	20,6
5	2007/0123	<4,46	<50,4	1700 ± 90	<11,0	<16,2	16,0
6	2007/0157	<2,37	28,3 ± 5,1	1510 ± 70	<6,20	<8,51	15,4
7	2007/0172	<4,23	<40,6	1750 ± 90	<9,89	<15,4	18,7
8	2007/0189	<2,96	20,9 ± 6,4	1870 ± 90	<7,83	<10,3	24,6
9	2007/0205	<3,18	36,8 ± 7,1	2300 ± 110	<9,37	<11,6	33,3
10	2007/0273	<2,95	20,9 ± 6,0	2200 ± 110	<7,79	<10,9	17,1
11	2007/0293	<3,62	<43,1	2570 ± 120	<9,61	<12,5	26,3
12	2007/0328	<3,82	<40,4	2460 ± 120	<9,83	<13,4	26,5
13	2007/0410	<3,78	34,9 ± 8,6	1270 ± 60	16,2 ± 4,9	<13,3	26,8
14	2007/0427	<4,65	<61,3	4770 ± 230	<13,7	<16,9	41,8
15	2007/0452	1,27 ± 0,63	30,6 ± 6,8	3750 ± 180	10,3 ± 4,1	<11,5	22,8
16	2007/0483	<3,06	30,8 ± 7,5	4700 ± 220	<6,57	<11,2	35,1
17	2007/0498	<3,14	29,1 ± 7,5	4680 ± 220	<8,18	<11,3	30,8
18	2007/0567	<3,87	27,1 ± 8,2	4620 ± 220	<10,5	<15,0	34,9
19	2007/0582	<2,77	27,8 ± 6,9	3460 ± 160	<7,35	<9,25	24,1
20	2007/0627	<3,54	23,4 ± 7,7	2930 ± 140	<9,65	<14,0	24,7
21	2007/0652	<2,94	<33,3	3290 ± 150	15,3 ± 3,8	<10,8	30,6
22	2007/0730	<2,45	42,3 ± 7,1	4220 ± 190	<6,90	<8,80	36,8
23	2007/0778	<2,37	21,2 ± 5,3	2110 ± 100	<6,72	<8,71	17,0
24	2007/0794	<3,07	24,5 ± 5,8	5650 ± 260	<8,48	<10,6	23,8
25	2007/0827	<3,67	<40,6	3930 ± 190	<10,2	<13,9	18,7
26	2007/0842	<3,10	<36,3	3470 ± 160	15,8 ± 4,1	<12,0	21,5

Table 120 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0926**	<3,06	19,9 ± 6,3	3250 ± 150	<7,73	<11,4	16,1
28	**2007/0943**	<4,36	29,9 ± 7,0	3170 ± 160	<10,8	<15,5	23,9
29	**2007/1018**	<2,84	42,6 ± 7,3	3780 ± 180	<7,69	<9,84	21,9
30	**2007/1093**	<3,92	33,5 ± 8,8	4340 ± 200	<10,0	<10,5	49,1
31	**2007/1123**	<3,72	23,1 ± 8,2	3550 ± 170	<9,79	<14,2	16,2
32	**2007/1156**	<4,05	<42,3	3130 ± 150	<9,60	<13,5	26,9
33	**2007/1171**	<3,09	34,7 ± 7,4	3400 ± 160	<8,92	<10,2	23,2
34	**2007/1239**	<3,55	18,0 ± 7,4	3840 ± 180	<9,22	<7,44	21,9
35	**2007/1254**	<3,86	<43,8	3790 ± 180	<10,7	<13,5	24,9
36	**2007/1288**	<4,25	22,4 ± 7,5	3230 ± 160	<11,1	<15,0	16,2
37	**2007/1307**	<4,10	<43,6	1250 ± 70	<11,5	<14,2	8,23
38	**2007/1355**	<3,52	<38,2	4040 ± 190	<8,37	<10,4	20,8
39	**2007/1423**	<2,56	47,6 ± 6,8	3720 ± 170	7,91 ± 3,67	<9,13	24,7
40	**2007/1450**	<4,30	65,2 ± 11,9	3020 ± 150	<11,4	<15,7	24,2
41	**2007/1491**	<2,96	52,2 ± 9,6	2540 ± 120	<8,17	<10,8	28,6
42	**2007/1511**	<3,86	54,1 ± 11,3	2710 ± 130	<10,2	<13,1	39,2
43	**2007/1544**	<4,61	53,3 ± 10,5	1840 ± 90	<12,3	<17,1	19,5
44	**2007/1631**	<4,40	64,0 ± 11,6	847 ± 51	<11,1	<15,6	28,7
45	**2007/1655**	<3,59	34,5 ± 6,8	1340 ± 70	<8,69	<12,0	17,1
46	**2007/1730**	<2,84	41,9 ± 7,6	900 ± 47	<7,52	<9,80	8,49
47	**2007/1801**	<3,88	59,4 ± 10,0	1090 ± 60	<9,95	<13,5	28,9
48	**2007/1849**	<3,04	57,6 ± 9,6	2040 ± 100	<8,90	<10,7	32,7
49	**2007/1864**	<3,97	34,5 ± 8,7	2120 ± 100	<10,6	<14,1	27,3
50	**2007/1907**	<3,49	35,7 ± 8,1	938 ± 51	<8,92	<12,0	23,0
51	**2007/1951**	<4,17	56,4 ± 10,7	1860 ± 100	<10,7	<15,3	30,4
52	**2007/1966**	<4,24	45,8 ± 10,5	2800 ± 140	<11,7	<15,9	39,5

Table 121 Aerosol activity (gamma spectrometry) - SDS V. Ďur , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0006	<3,39	74,5 ± 20,9	1220 ± 100	<8,58	<12,3	35,6
2	2008/0022	<3,67	76,6 ± 20,6	1830 ± 150	<9,76	<12,0	24,9
3	2008/0037	<3,11	63,8 ± 18,9	2440 ± 200	<8,82	<11,2	31,3
4	2008/0052	0,923 ± 1,063	46,9 ± 17,6	1750 ± 150	<8,82	<11,5	21,3
5	2008/0122	<3,12	37,3 ± 17,1	1880 ± 160	<8,15	<11,1	20,4
6	2008/0137	<3,96	47,4 ± 20,6	2020 ± 170	<9,89	<14,2	28,9
7	2008/0164	<3,82	60,9 ± 22,2	1570 ± 140	<9,50	<14,0	26,4
8	2008/0234	<3,16	57,5 ± 18,5	2500 ± 200	<8,81	<11,3	29,9
9	2008/0301	<3,94	24,3 ± 17,5	3400 ± 280	<10,0	<14,0	34,9
10	2008/0330	<4,53	49,8 ± 23,8	3450 ± 280	<11,4	<15,8	19,9
11	2008/0370	<3,76	51,7 ± 20,5	3250 ± 260	<9,43	<13,3	26,5
12	2008/0399	<3,19	44,5 ± 19,4	3020 ± 240	<8,45	<11,4	12,7
13	2008/0415	<3,64	39,1 ± 19,7	1830 ± 150	<9,29	<12,8	14,4
14	2008/0501	<2,25	<34,9	5240 ± 410	<7,50	<9,98	21,4
15	2008/0520	<1,90	44,9 ± 14,9	2710 ± 220	<6,43	<8,10	22,3
16	2008/0537	<3,36	61,6 ± 19,7	3200 ± 250	<9,68	<12,8	26,6
17	2008/0608	<2,40	<41,0	2170 ± 190	<8,15	<11,4	17,1
18	2008/0626	1,83 ± 0,98	47,3 ± 15,2	5500 ± 430	<6,30	<8,18	26,3
19	2008/0645	<2,24	<34,9	3190 ± 260	<8,04	<9,58	18,7
20	2008/0668	<3,03	57,9 ± 16,1	4070 ± 320	<8,42	<10,8	23,8
21	2008/0702	<2,92	51,5 ± 18,7	3580 ± 280	27,4 ± 8,0	<11,3	24,7
22	2008/0780	<1,84	42,3 ± 15,2	2260 ± 180	<6,37	<7,96	30,6
23	2008/0803	<2,93	59,1 ± 17,1	6240 ± 470	<8,12	<10,6	47,6
24	2008/0848	<2,34	<40,4	4400 ± 350	<8,63	<10,8	17,9
25	2008/0865	<2,76	48,6 ± 17,7	2990 ± 230	<8,54	<10,3	15,0
26	2008/0961	<1,69	48,0 ± 15,3	4290 ± 330	<5,76	<7,71	18,6

Table 122 Aerosol activity (gamma spectrometry) - SDS V. Ďur, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0983	<1,74	<30,3	4450 ± 350	<6,32	<8,55	24,4
28	2008/1065	<2,66	<47,0	4470 ± 370	<9,19	<13,0	24,7
29	2008/1089	<2,77	<45,9	3320 ± 280	<8,90	<12,1	37,9
30	2008/1104	<2,85	36,8 ± 15,4	3600 ± 280	<7,39	<10,0	23,1
31	2008/1172	<2,56	<44,4	3860 ± 320	<9,78	<12,1	17,7
32	2008/1187	<3,04	48,6 ± 15,3	4430 ± 340	<7,65	<10,2	22,3
33	2008/1214	<2,96	<49,5	4300 ± 350	<9,38	<12,7	20,4
34	2008/1239	<3,03	52,4 ± 16,9	3740 ± 290	19,8 ± 7,1	<10,2	21,2
35	2008/1285	<3,22	98,5 ± 29,9	3210 ± 270	<10,1	<13,6	74,8
36	2008/1362	<2,33	59,2 ± 19,1	3640 ± 290	<7,50	<9,83	29,7
37	2008/1400	<2,83	73,1 ± 19,5	5170 ± 390	19,3 ± 8,2	<8,93	44,6
38	2008/1415	<2,75	<43,7	2780 ± 230	<8,96	<11,5	17,2
39	2008/1502	<2,75	42,5 ± 14,8	1200 ± 100	<7,36	<9,54	12,7
40	2008/1519	<2,52	<34,8	3870 ± 310	15,3 ± 6,8	<11,2	20,3
41	2008/1555	<2,40	<38,0	2680 ± 220	18,8 ± 7,7	<11,5	12,9
42	2008/1575	<2,58	34,7 ± 15,2	1370 ± 120	20,2 ± 6,6	<9,19	21,9
43	2008/1597	<2,65	38,3 ± 15,6	2810 ± 220	18,5 ± 6,1	<9,64	31,9
44	2008/1645	<2,74	20,7 ± 11,1	2310 ± 190	<7,12	<10,2	30,6
45	2008/1718	<2,83	23,9 ± 14,7	3060 ± 240	<7,24	<10,2	25,6
46	2008/1743	<2,02	88,1 ± 18,8	3330 ± 390	<6,44	<10,3	38,7
47	2008/1758	<2,52	12,9 ± 10,5	2810 ± 220	<6,39	<9,04	33,1
48	2008/1835	2,71 ± 1,77	<26,8	1980 ± 160	<7,69	<9,97	14,6
49	2008/1875	2,76 ± 2,01	<31,6	2040 ± 170	<8,58	<11,8	19,6
50	2008/1895	<3,09	<30,3	1590 ± 140	13,0 ± 6,3	<10,1	17,0
51	2008/1940	<3,33	<37,7	2730 ± 220	<8,32	<12,0	16,1
52	2008/2057	<2,83	<39,0	1660 ± 200	<8,79	<15,2	12,9

Table 123 Aerosol activity (gamma spectrometry) - SDS V. Ďur , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0007	<2,13	<2,12	30,6 ± 10,1	1660 ± 83	<9,44	<14,9	17,2
2	2005/0022	<2,47	<2,59	<26,3	2180 ± 112	<11,2	<16,4	23,3
3	2005/0043	<2,85	<2,92	<30,8	2070 ± 108	<13,4	<20,3	23,0
4	2005/0058	<2,24	<2,32	<23,5	1440 ± 79	<12,0	19,9	15,2
5	2005/0127	<2,27	<2,19	<25,0	1450 ± 79	<10,4	<15,4	24,1
6	2005/0158	<2,24	<2,14	33,7 ± 11,7	4540 ± 218	<11,2	<15,5	46,1
7	2005/0192	<1,96	<2,05	54,1 ± 11,4	2310 ± 115	<9,88	<14,7	48,7
8	2005/0257	<1,86	1,11 ± 0,66	<22,0	1350 ± 72	<9,54	<14,4	23,4
9	2005/0272	<2,20	<2,10	<22,2	1680 ± 86	<10,1	<14,9	33,6
10	2005/0307	<2,14	<2,30	<24,8	2950 ± 146	<11,4	<16,6	35,1
11	2005/0334	<2,30	<2,16	<23,0	2610 ± 133	<11,8	<17,0	27,5
12	2005/0351	<2,00	<1,89	<20,8	4230 ± 201	<10,2	<14,7	28,2
13	2005/0379	<2,06	<2,12	<22,0	5120 ± 238	<10,6	<16,3	45,9
14	2005/0398	<2,06	<2,18	<21,1	6360 ± 296	<10,3	<14,9	47,2
15	2005/0430	<1,65	<1,60	<18,9	5480 ± 253	<8,29	<11,9	38,1
16	2005/0491	<2,36	<2,07	<25,2	3910 ± 191	<11,5	<16,8	28,9
17	2005/0557	<2,23	<2,15	<24,8	3990 ± 192	<10,4	<15,6	23,3
18	2005/0640	<1,98	<2,00	<20,4	4440 ± 213	<10,9	<15,7	23,7
19	2005/0667	<2,12	<2,30	<21,1	2930 ± 145	<9,92	<16,1	14,8
20	2005/0700	<2,11	<2,01	<22,6	2700 ± 134	<10,2	<15,6	13,9
21	2005/0754	<2,32	<2,27	<24,6	4220 ± 204	<11,3	<16,9	17,4
22	2005/0821	<1,98	<1,97	<20,3	4850 ± 231	<11,3	<15,4	24,2
23	2005/0860	<1,92	<2,06	<22,8	3780 ± 184	<9,88	<15,1	21,0
24	2005/0880	<1,98	<2,00	<23,2	4180 ± 202	<10,7	<15,7	19,7
25	2005/0912	<2,24	<2,02	<23,0	4330 ± 209	<10,3	<16,0	24,5
26	2005/1009	<2,31	<2,13	<23,3	4720 ± 221	<9,64	<14,8	26,3

Table 124 Aerosol activity (gamma spectrometry) - SDS Vráble, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1029	<2,66	<2,38	<28,7	3220 ± 161	13,5 ± 4,8	<16,5	19,4
28	2005/1060	<2,32	<2,28	38,5 ± 8,5	3650 ± 171	13,0 ± 4,0	<11,8	34,7
29	2005/1078	<2,18	<2,19	66,3 ± 10,3	5770 ± 267	8,31 ± 3,62	<13,4	45,9
30	2005/1094	<2,16	<2,13	<22,5	3370 ± 166	8,69 ± 4,19	<15,2	30,5
31	2005/1166	<2,40	<2,22	45,7 ± 9,4	4490 ± 218	13,9 ± 4,6	<17,0	33,5
32	2005/1197	<2,57	<2,19	<25,2	2210 ± 117	<10,9	<17,9	13,6
33	2005/1245	<2,11	<2,08	19,3	2650 ± 130	<10,0	<14,9	17,2
34	2005/1371	<2,47	<2,30	<23,9	3310 ± 159	<11,1	<16,0	19,5
35	2005/1386	<2,27	<2,06	<23,0	4850 ± 228	<11,5	<15,6	20,5
36	2005/1424	<2,46	<2,42	<23,8	4580 ± 225	<13,0	<17,1	25,3
37	2005/1445	<2,34	<2,17	<23,8	4460 ± 213	<10,9	<16,1	28,7
38	2005/1460	<2,28	<2,09	<24,7	2670 ± 141	<10,4	<15,9	12,6
39	2005/1523	<2,24	<2,01	37,3 ± 10,5	4400 ± 212	<11,6	<15,9	22,7
40	2005/1551	<2,09	<2,13	32,7 ± 8,5	2830 ± 140	<9,30	<12,9	18,3
41	2005/1595	<2,65	2,93 ± 1,13	<25,8	4110 ± 200	<13,0	<19,9	32,5
42	2005/1614	<2,08	<2,06	<20,6	1910 ± 93	<8,88	<12,4	23,1
43	2005/1635	<1,99	<1,96	22,9 ± 6,9	2620 ± 125	13,0 ± 3,5	<12,0	26,9
44	2005/1727	<1,78	1,03 ± 0,47	45,2 ± 6,9	3170 ± 147	15,0 ± 3,4	<8,43	37,5
45	2005/1781	<2,14	<1,93	<22,7	1700 ± 86	<9,82	<13,8	53,6
46	2005/1887	<1,91	<1,76	<19,3	1410 ± 72	<8,06	<12,7	45,1
47	2005/1902	<1,95	<1,92	<19,7	1290 ± 68	<9,85	<15,0	21,2
48	2005/1995	<1,73	<1,65	21,0 ± 6,8	1860 ± 89	<7,54	<10,8	24,3
49	2005/2033	<2,38	<2,37	<23,4	1230 ± 71	<11,8	<17,3	20,4
50	2005/2059	<2,43	<2,41	<25,3	2420 ± 127	<12,9	<18,3	33,7
51	2005/2125	<1,98	<1,95	25,2 ± 6,7	1730 ± 84	<8,80	<12,3	13,9
52	2005/2140	<2,41	1,94 ± 0,86	<24,4	1300 ± 71	<11,1	<17,2	15,2

Table 125 Aerosol activity (gamma spectrometry) - SDS Vráble, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0008	<3,70	<34,6	1310 ± 70	<10,8	<12,7	20,5
2	2006/0023	<4,31	<46,3	4870 ± 230	<11,1	<14,8	32,9
3	2006/0039	<7,21	<76,3	1230 ± 70	<17,7	<24,3	42,2
4	2006/0055	<5,65	<66,8	2750 ± 140	<14,1	<20,7	42,0
5	2006/0070	<6,41	65,5 ± 13,2	4080 ± 190	<15,4	<22,1	60,7
6	2006/0085	2,22 ± 0,99	24,0 ± 10,7	2530 ± 120	<14,4	<16,2	61,2
7	2006/0103	<7,19	<71,6	2190 ± 110	<17,4	<22,6	32,6
8	2006/0132	<6,71	<78,5	2120 ± 110	<18,8	<25,3	28,7
9	2006/0150	<6,69	<79,2	1890 ± 100	<17,7	<25,4	26,9
10	2006/0263	<5,53	<58,4	2410 ± 120	<12,7	<17,8	20,0
11	2006/0301	<4,02	<48,6	2350 ± 120	<11,4	<16,0	34,0
12	2006/0370	<5,25	<58,4	2180 ± 110	<11,4	<17,8	43,6
13	2006/0395	<4,70	23,5 ± 10,2	3520 ± 170	<12,2	<17,9	34,5
14	2006/0417	<4,61	<51,7	2900 ± 150	<13,0	<17,1	14,2
15	2006/0448	<5,93	<62,6	4230 ± 210	<15,5	<22,0	29,2
16	2006/0513	<4,47	12,9 ± 8,7	3950 ± 190	<11,1	<14,6	19,0
17	2006/0536	<5,51	21,6 ± 8,4	4300 ± 210	<14,6	<21,4	25,1
18	2006/0597	<5,65	<74,1	3120 ± 160	<15,8	<22,2	22,0
19	2006/0647	<4,93	<47,4	6310 ± 290	<12,6	<17,3	27,1
20	2006/0684	<2,73	<29,4	5200 ± 240	<7,60	<9,63	25,9
21	2006/0713	<4,83	<52,8	4970 ± 240	<12,3	<17,9	18,4
22	2006/0779	<5,89	<69,7	3220 ± 160	<14,3	<22,1	13,8
23	2006/0796	<6,09	<62,8	2690 ± 130	<15,2	<20,6	15,0
24	2006/0815	<5,14	<53,5	3930 ± 190	<14,5	<20,4	16,0
25	2006/0850	<4,43	18,9 ± 8,1	4760 ± 220	<11,4	<13,5	25,5
26	2006/0866	<3,71	<37,9	5280 ± 240	<9,60	<13,3	23,8

Table 126 Aerosol activity (gamma spectrometry) - SDS Vráble, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0933**	<2,75	24,3 ± 5,6	4890 ± 220	<7,09	<9,73	16,6
28	**2006/0969**	<3,22	30,2 ± 6,6	7030 ± 320	<8,23	<11,4	24,9
29	**2006/0984**	<5,83	<66,1	5610 ± 270	<13,3	<21,9	24,9
30	**2006/1110**	<6,00	28,3 ± 11,3	5890 ± 280	<12,6	<20,2	46,0
31	**2006/1137**	<4,51	35,9 ± 8,9	6530 ± 300	<12,4	<16,9	33,0
32	**2006/1156**	<6,48	<64,2	2150 ± 110	<15,0	<21,6	14,8
33	**2006/1174**	<5,07	<57,9	2730 ± 130	<13,0	<20,2	16,5
34	**2006/1195**	<5,58	35,0 ± 10,3	4450 ± 210	<14,8	<21,0	24,7
35	**2006/1278**	<5,87	<63,3	2480 ± 120	<13,4	<20,0	14,2
36	**2006/1325**	<4,53	<48,4	2830 ± 140	<11,5	<16,9	17,5
37	**2006/1357**	<5,68	<63,8	3400 ± 160	<13,8	<20,6	24,8
38	**2006/1375**	<3,14	42,7 ± 7,0	5060 ± 230	<7,50	<10,7	30,2
39	**2006/1393**	<3,82	27,2 ± 7,6	4820 ± 220	<8,97	<13,7	26,6
40	**2006/1488**	<4,58	43,7 ± 10,5	4250 ± 200	<10,6	<16,4	47,6
41	**2006/1506**	<3,81	22,4 ± 7,7	3040 ± 150	10,0 ± 3,6	<12,8	19,8
42	**2006/1580**	<3,65	25,7 ± 8,6	3980 ± 190	<9,32	<11,3	32,9
43	**2006/1665**	<4,13	39,0 ± 10,8	4740 ± 220	6,84 ± 4,22	<15,5	38,4
44	**2006/1680**	<4,49	<52,7	4430 ± 210	8,78 ± 4,44	<17,3	21,0
45	**2006/1721**	<4,20	<45,6	3580 ± 170	16,8 ± 4,9	<15,6	19,8
46	**2006/1744**	<3,70	28,9 ± 7,2	2680 ± 130	<9,52	<12,6	21,3
47	**2006/1771**	<3,55	<40,0	1620 ± 80	8,40 ± 4,09	<12,1	40,7
48	**2006/1887**	<3,63	<39,2	1810 ± 90	<9,00	<13,1	29,2
49	**2006/1905**	<3,77	26,6 ± 7,8	2450 ± 120	<9,34	<11,8	39,3
50	**2006/1920**	<4,04	<47,1	2010 ± 100	<9,81	<13,7	23,8
51	**2006/1935**	<2,96	22,5 ± 5,5	1880 ± 90	<6,73	<10,6	21,4
52	**2006/1968**	<4,12	27,6 ± 7,4	1670 ± 80	<9,68	<12,9	28,5

Table 127 Aerosol activity (gamma spectrometry) - SDS Vráble, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0009	<3,56	29,9 ± 8,4	1140 ± 60	<8,90	<11,9	23,8
2	2007/0022	<5,68	<58,3	1120 ± 70	<14,4	<20,7	15,9
3	2007/0042	<4,30	20,1 ± 8,5	2050 ± 100	<11,6	<15,4	15,0
4	2007/0081	1,38 ± 0,89	<59,6	2380 ± 120	<14,8	<21,0	15,8
5	2007/0124	<5,98	<66,7	1410 ± 80	<14,0	<21,9	13,5
6	2007/0158	<4,37	<46,3	1160 ± 60	<10,4	<15,7	12,5
7	2007/0173	<5,35	<66,8	1370 ± 80	<13,9	<20,3	14,8
8	2007/0190	<6,01	<64,3	1410 ± 80	<15,3	<19,7	19,2
9	2007/0206	<5,85	18,6 ± 12,2	1960 ± 100	<15,6	<21,3	28,6
10	2007/0274	<5,39	<56,6	1790 ± 100	<13,9	<21,3	14,2
11	2007/0294	<4,24	23,4 ± 8,1	2320 ± 120	<11,5	<16,0	21,6
12	2007/0329	<5,33	<66,2	1950 ± 100	<14,4	<21,6	24,1
13	2007/0411	<5,80	<69,8	2530 ± 130	<15,2	<21,5	27,4
14	2007/0428	<5,95	<64,2	3630 ± 180	<15,6	<21,3	28,1
15	2007/0453	<5,48	<64,3	2650 ± 140	<15,2	<21,2	20,2
16	2007/0484	1,10 ± 0,72	<48,8	3760 ± 180	<11,0	<17,4	25,6
17	2007/0499	<4,47	<45,8	3710 ± 180	<11,6	<16,3	23,8
18	2007/0568	<4,55	<46,4	3930 ± 190	<12,3	<16,3	23,7
19	2007/0583	<4,17	<45,1	2800 ± 140	<11,5	<16,4	17,9
20	2007/0628	<4,32	35,5 ± 9,6	2370 ± 120	<11,9	<16,6	17,0
21	2007/0653	<4,31	<49,1	2680 ± 130	<11,1	<14,7	30,9
22	2007/0731	<4,39	<49,6	3750 ± 180	<12,1	<17,5	27,3
23	2007/0779	<4,35	<40,5	1540 ± 80	<11,8	<15,8	17,2
24	2007/0795	<4,10	29,3 ± 9,3	4480 ± 210	<11,6	<15,2	26,5
25	2007/0828	<4,34	31,6 ± 8,8	3140 ± 160	<11,5	<16,8	20,3
26	2007/0843	<4,82	34,4 ± 7,8	2830 ± 140	<11,3	<15,7	21,9

Table 128 Aerosol activity (gamma spectrometry) - SDS Vráble, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0927**	<4,01	<49,6	2620 ± 130	<11,8	<16,5	19,8
28	**2007/0944**	<3,86	<40,4	2840 ± 140	<10,3	<14,3	17,4
29	**2007/1019**	<4,16	37,9 ± 9,9	2790 ± 130	<12,5	<14,5	25,8
30	**2007/1094**	<5,87	<62,8	3850 ± 190	<14,7	<19,3	47,0
31	**2007/1124**	<4,50	<48,3	2590 ± 130	<11,1	<15,8	17,5
32	**2007/1157**	<5,61	<63,4	2750 ± 140	<15,0	<19,4	30,7
33	**2007/1172**	<5,68	<62,5	2670 ± 140	<15,8	<20,6	18,6
34	**2007/1240**	<3,56	<37,1	2680 ± 130	<10,7	<12,1	18,7
35	**2007/1255**	<5,75	<62,1	3000 ± 150	<15,9	<19,1	30,7
36	**2007/1289**	<3,98	<44,5	2430 ± 120	<11,0	<14,5	14,1
37	**2007/1308**	<4,18	<44,5	922 ± 57	<10,5	<15,5	8,20
38	**2007/1356**	<3,50	<37,8	3180 ± 150	<9,41	<11,6	19,7
39	**2007/1424**	<3,80	51,3 ± 9,0	2780 ± 130	<10,5	<13,8	17,9
40	**2007/1451**	<2,89	54,8 ± 8,5	2640 ± 130	<7,97	<10,6	18,5
41	**2007/1492**	<2,63	42,8 ± 7,2	2150 ± 100	<7,16	<8,95	19,9
42	**2007/1512**	<2,59	52,0 ± 8,1	2360 ± 110	<7,30	<9,16	28,1
43	**2007/1545**	<3,96	54,6 ± 9,6	1500 ± 70	<10,7	<13,4	15,7
44	**2007/1632**	<3,29	46,3 ± 9,0	617 ± 34	<9,04	<10,5	20,7
45	**2007/1656**	<3,75	45,3 ± 9,5	1090 ± 60	<9,81	<13,0	14,0
46	**2007/1731**	<3,45	25,3 ± 11,3	708 ± 39	<9,66	<11,8	7,87
47	**2007/1802**	<3,25	59,0 ± 9,1	864 ± 46	<9,04	<10,9	21,7
48	**2007/1850**	<3,79	63,2 ± 11,0	1870 ± 90	12,2 ± 6,0	<13,9	27,0
49	**2007/1865**	<3,43	59,3 ± 10,8	1720 ± 80	9,81 ± 4,86	<11,2	24,2
50	**2007/1908**	<4,92	52,6 ± 11,9	714 ± 45	<13,8	<17,7	20,1
51	**2007/1952**	<4,42	40,5 ± 11,2	1480 ± 80	<12,2	<15,6	28,5
52	**2007/1967**	<4,63	45,9 ± 12,4	2450 ± 120	<12,6	<16,3	37,2

Table 129 Aerosol activity (gamma spectrometry) - SDS Vráble , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0007	<3,14	67,1 ± 18,2	1490 ± 120	<8,17	<9,81	30,7
2	2008/0023	<2,99	79,3 ± 19,2	1870 ± 150	<7,74	<10,6	19,1
3	2008/0038	<3,17	33,4 ± 18,0	2280 ± 190	<8,77	<11,5	26,1
4	2008/0053	<3,96	33,7 ± 20,2	1460 ± 130	<9,79	<13,3	17,5
5	2008/0123	<3,89	41,3 ± 19,1	1540 ± 130	<10,2	<13,7	19,4
6	2008/0138	<3,33	40,6 ± 16,9	1680 ± 140	7,60 ± 8,39	<11,7	23,9
7	2008/0165	1,86 ± 1,76	49,8 ± 26,0	1370 ± 140	<12,6	<17,7	24,8
8	2008/0235	<3,87	67,6 ± 23,2	2090 ± 170	<10,1	<14,0	23,9
9	2008/0302	<4,57	<59,4	2480 ± 220	<12,3	<17,4	30,7
10	2008/0331	<3,83	45,9 ± 19,1	2790 ± 230	<10,4	<13,8	17,7
11	2008/0371	<3,93	42,1 ± 21,1	2540 ± 210	<9,83	<13,5	23,0
12	2008/0400	<3,51	26,2 ± 16,9	2350 ± 190	<9,52	<13,4	11,4
13	2008/0416	<3,18	41,0 ± 17,7	1500 ± 120	<8,71	<10,9	10,6
14	2008/0502	<1,75	42,1 ± 15,0	4780 ± 370	<6,39	<7,72	16,9
15	2008/0521	<1,72	41,6 ± 13,1	2200 ± 180	<5,90	<7,27	18,5
16	2008/0538	<3,15	56,5 ± 19,0	2600 ± 210	17,3 ± 7,7	<11,4	17,9
17	2008/0609	<2,16	<35,3	2000 ± 170	<7,42	<9,69	14,4
18	2008/0627	<1,92	<29,4	4650 ± 360	<6,41	<8,32	18,2
19	2008/0646	<1,62	<25,7	2580 ± 210	<5,06	<7,00	16,4
20	2008/0669	<2,83	60,7 ± 16,1	3170 ± 250	<7,17	<9,92	17,2
21	2008/0703	<2,94	48,8 ± 15,8	2730 ± 220	<8,36	<10,5	17,0
22	2008/0781	<1,50	40,3 ± 12,9	1940 ± 160	<5,49	<6,82	22,3
23	2008/0804	<3,69	45,0 ± 21,1	5200 ± 410	<10,1	<13,9	26,2
24	2008/0849	<2,44	<38,0	3590 ± 290	<7,54	<10,4	17,9
25	2008/0866	<2,49	<42,7	2560 ± 210	<8,16	<11,5	16,4
26	2008/0962	<2,47	<47,0	3320 ± 280	<8,76	<12,0	24,6

Table 130 Aerosol activity (gamma spectrometry) - SDS Vráble, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2008/0984**	<2,85	<45,7	3380 ± 280	<9,67	<12,4	22,1
28	**2008/1066**	<1,80	56,3 ± 16,1	3800 ± 300	<6,19	<8,20	19,8
29	**2008/1090**	<2,94	<44,3	2920 ± 250	<9,00	<13,0	24,6
30	**2008/1105**	<2,60	41,8 ± 14,6	2640 ± 210	<6,87	<8,95	14,7
31	**2008/1173**	<2,71	<47,2	3330 ± 280	<9,01	<12,5	14,4
32	**2008/1188**	<3,00	62,5 ± 18,6	3790 ± 300	<7,76	<9,85	18,8
33	**2008/1215**	<2,33	<34,9	3820 ± 310	<7,00	<9,98	16,2
34	**2008/1240**	<2,84	44,6 ± 17,7	3150 ± 250	10,6 ± 7,0	<9,85	17,0
35	**2008/1286**	<2,24	<39,3	2640 ± 220	<7,97	<9,43	19,6
36	**2008/1363**	<1,65	54,4 ± 16,2	3020 ± 240	<5,47	<7,10	24,2
37	**2008/1401**	<2,99	69,5 ± 18,1	3930 ± 300	13,3 ± 7,0	<9,79	33,5
38	**2008/1416**	<2,05	56,9 ± 17,4	2170 ± 180	<6,66	<8,23	18,0
39	**2008/1503**	<2,73	28,0 ± 15,5	1010 ± 90	10,0 ± 7,6	<9,66	12,0
40	**2008/1520**	<2,26	<35,4	3320 ± 270	13,2 ± 6,8	<10,4	17,2
41	**2008/1556**	<1,83	<27,8	2170 ± 170	17,4 ± 6,1	<8,37	13,5
42	**2008/1576**	<2,64	45,8 ± 14,6	1280 ± 110	12,0 ± 6,7	<9,57	23,4
43	**2008/1598**	<2,46	41,1 ± 12,1	2360 ± 190	14,7 ± 6,0	<8,73	25,2
44	**2008/1646**	<2,58	<28,8	2430 ± 190	<6,63	<9,31	27,7
45	**2008/1719**	<2,56	24,5 ± 13,2	3050 ± 240	15,3 ± 6,7	<8,31	20,0
46	**2008/1744**	<2,66	29,5 ± 12,6	3570 ± 280	6,86 ± 5,41	<9,19	32,0
47	**2008/1759**	<2,95	19,8 ± 13,8	2350 ± 190	<7,64	<10,1	27,3
48	**2008/1836**	<2,88	22,5 ± 13,1	1650 ± 140	<7,95	<10,7	11,6
49	**2008/1876**	<2,87	15,9 ± 11,2	1850 ± 150	<7,48	<10,7	17,1
50	**2008/1896**	<2,41	71,0 ± 21,9	1300 ± 160	<6,85	<10,5	15,2
51	**2008/1941**	<3,47	<38,8	2510 ± 210	<9,15	<12,9	15,3
52	**2008/2058**	<3,18	27,2 ± 13,3	1550 ± 130	<8,21	<11,3	11,4

Table 131 Aerosol activity (gamma spectrometry) - SDS Vráble , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0008	<2,72	<2,71	<26,5	1770 ± 98	<12,0	<18,6	19,4
2	2005/0023	<2,02	<2,06	<23,2	1410 ± 78	<9,70	<15,9	21,7
3	2005/0044	<2,72	<2,44	<28,8	2080 ± 114	<12,4	<18,1	23,8
4	2005/0059	<2,31	<2,16	<23,2	1350 ± 70	<10,3	<15,6	15,8
5	2005/0128	<2,05	1,30 ± 0,79	<24,5	1620 ± 82	<10,2	<15,1	23,8
6	2005/0159	<2,40	<2,33	<28,5	5360 ± 257	<12,2	<16,5	46,9
7	2005/0193	<2,11	<1,91	33,8 ± 11,9	1250 ± 70	<9,42	<15,1	47,4
8	2005/0258	<1,86	<1,77	<18,0	1220 ± 59	<6,26	<8,99	22,5
9	2005/0273	<2,12	<2,05	<21,1	1650 ± 87	<10,4	<13,6	29,2
10	2005/0308	<2,29	<2,22	<23,0	2720 ± 134	<11,2	<16,6	34,7
11	2005/0335	<2,52	<2,58	<24,3	2400 ± 128	<11,6	<19,3	26,5
12	2005/0352	<2,82	<2,78	37,5 ± 11,9	4390 ± 211	<13,5	<20,3	44,9
13	2005/0380	<2,35	<2,32	<23,9	4070 ± 196	<12,1	<16,1	39,9
14	2005/0399	<2,36	<2,33	44,7 ± 10,4	6340 ± 292	<12,2	<16,8	43,4
15	2005/0431	<3,20	<2,93	<29,4	5630 ± 271	<13,2	<22,5	33,7
16	2005/0492	<2,20	<2,18	<23,4	2210 ± 107	<10,1	<16,3	31,8
17	2005/0558	<2,24	<2,10	<22,3	4750 ± 225	<10,8	<16,5	23,8
18	2005/0641	<2,90	<2,77	<29,2	4370 ± 213	<14,4	<22,1	29,6
19	2005/0668	<2,29	<2,24	<22,5	2870 ± 140	<10,1	<15,3	16,9
20	2005/0701	<2,42	<2,31	<24,0	2900 ± 147	<12,0	<19,5	16,9
21	2005/0755	<2,22	<2,29	<20,9	5070 ± 239	13,8 ± 5,1	<16,4	16,9
22	2005/0822	<2,48	<2,23	<23,4	5530 ± 265	14,7 ± 5,7	<19,1	21,9
23	2005/0861	<2,40	<2,35	<25,9	3970 ± 187	20,6 ± 4,5	<16,4	20,9
24	2005/0881	<2,72	<2,37	<26,6	4520 ± 223	<13,3	<19,1	29,7
25	2005/0913	<2,29	<2,19	44,2 ± 10,8	5260 ± 247	<11,0	<15,5	28,5
26	2005/1010	<2,41	<2,37	<26,9	5080 ± 242	<11,9	<17,4	25,0

Table 132 Aerosol activity (gamma spectrometry) - SDS Tajná, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [□Bq/m^3]	^{137}Cs [□Bq/m^3]	^{40}K [□Bq/m^3]	^{7}Be [□Bq/m^3]	U - rad [□Bq/m^3]	Th - rad [□Bq/m^3]	Prašnosť [□g/m^3]
27	2005/1030	<2,49	<2,37	<25,2	3400 ± 167	<11,6	<17,0	18,4
28	2005/1061	<2,70	<2,40	<26,4	3760 ± 189	<13,0	<17,8	21,7
29	2005/1079	<2,21	<2,05	30,8 ± 7,7	5830 ± 270	<8,98	<11,6	33,8
30	2005/1095	<2,08	<2,14	<23,9	3210 ± 155	9,47 ± 4,20	<14,7	37,1
31	2005/1167	<2,03	<1,96	<22,5	3860 ± 182	<9,87	<13,9	30,5
32	2005/1198	<2,22	<2,13	<22,8	2290 ± 110	<9,66	<14,4	9,12
33	2005/1246	<2,18	<1,90	<20,1	3010 ± 151	<11,1	<15,3	18,2
34	2005/1372	<2,08	<1,91	<20,2	3220 ± 153	<10,3	<13,8	20,8
35	2005/1387	<2,06	<1,97	<21,8	5390 ± 252	<10,8	<15,4	18,6
36	2005/1425	<2,04	<1,96	<20,9	4720 ± 228	<11,4	<14,3	25,1
37	2005/1446	<2,21	<2,06	<22,1	3800 ± 183	<10,9	<14,4	28,9
38	2005/1461	<2,14	<1,93	<23,5	3040 ± 153	<10,5	<15,8	13,9
39	2005/1524	<2,19	<2,20	<25,3	4190 ± 200	<11,1	<16,8	18,9
40	2005/1552	<2,33	<2,16	44,5 ± 9,6	3100 ± 152	<10,2	<14,8	15,9
41	2005/1596	<2,24	<2,21	27,5 ± 8,6	4440 ± 206	<10,4	<14,1	26,7
42	2005/1615	<2,08	<2,26	<25,9	2070 ± 112	<13,7	<18,8	22,8
43	2005/1636	<2,21	<2,26	30,6 ± 10,3	2050 ± 104	<10,8	<16,2	24,7
44	2005/1728	<2,32	<2,19	23,8 ± 8,5	3390 ± 162	<11,3	<15,9	30,7
45	2005/1782	<2,30	<2,30	<26,2	1390 ± 74	12,9 ± 4,7	<16,7	47,6
46	2005/1888	<2,14	<2,11	<22,0	1360 ± 75	<9,95	<14,9	42,7
47	2005/1903	<1,84	1,38 ± 0,54	29,8 ± 6,3	1330 ± 66	<7,31	<10,2	20,9
48	2005/1996	<1,67	0,77 ± 0,45	29,6 ± 7,3	1720 ± 82	<7,17	<9,85	20,8
49	2005/2034	<2,05	<1,97	25,9 ± 8,2	1350 ± 70	<9,41	<13,4	19,9
50	2005/2060	<2,23	<2,32	<23,9	1800 ± 94	<10,6	<16,3	31,7
51	2005/2126	<2,24	<2,14	<22,8	1810 ± 84	<10,3	<15,6	12,9
52	2005/2141	<2,27	<2,05	<23,5	1380 ± 77	<11,1	<16,9	16,3

Table 133 Aerosol activity (gamma spectrometry) - SDS Tajná, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0009	1,75 ± 1,00	<47,5	1190 ± 60	<12,1	<15,4	16,2
2	2006/0024	2,13 ± 1,02	<70,7	5590 ± 270	<17,1	<23,9	30,3
3	2006/0040	<7,32	<78,5	1970 ± 110	<18,4	<25,6	42,7
4	2006/0056	<6,27	<67,9	2930 ± 150	<17,0	<23,0	41,0
5	2006/0071	<6,60	44,0 ± 12,9	3360 ± 160	<17,1	<22,6	53,2
6	2006/0086	<7,30	<90,8	2140 ± 110	<19,7	<25,5	56,6
7	2006/0104	<7,19	20,4 ± 13,1	1980 ± 110	<18,2	<26,3	34,7
8	2006/0133	<6,57	<74,2	1480 ± 80	<19,0	<26,3	26,7
9	2006/0151	<6,32	<64,3	1700 ± 90	<17,2	<21,9	27,2
10	2006/0264	<6,43	<64,9	2860 ± 140	<16,8	<21,9	23,0
11	2006/0302	<5,19	31,5 ± 10,3	2430 ± 120	<13,2	<18,1	34,0
12	2006/0371	2,47 ± 0,88	<63,2	1610 ± 90	<14,6	<21,1	50,9
13	2006/0396	<5,84	29,3 ± 10,9	1450 ± 80	<15,2	<21,5	34,1
14	2006/0418	<2,94	<34,0	3290 ± 150	<8,16	<11,0	16,1
15	2006/0449	1,73 ± 0,72	29,7 ± 8,4	4690 ± 220	<12,9	<18,2	29,1
16	2006/0514	<5,53	<61,0	4000 ± 190	<14,4	<20,3	21,3
17	2006/0537	<5,01	32,1 ± 10,1	4710 ± 220	<12,8	<17,5	29,7
18	2006/0598	<6,02	<62,4	3120 ± 150	<15,5	<22,3	25,5
19	2006/0618	2,20 ± 0,93	<54,7	6280 ± 290	<13,5	<18,6	37,2
20	2006/0685	<3,96	<42,4	5450 ± 250	<9,65	<13,9	30,6
21	2006/0712	<5,71	<66,2	4480 ± 220	<15,5	<22,1	14,5
22	2006/0780	<5,07	<52,1	3630 ± 170	<12,5	<17,8	11,2
23	2006/0797	<3,06	<30,8	2910 ± 140	<7,66	<9,92	13,6
24	2006/0816	<5,17	<57,4	4650 ± 220	<14,6	<18,4	17,0
25	2006/0851	<5,51	<54,6	6290 ± 290	<14,8	<21,3	24,9
26	2006/0867	<6,26	<65,3	5640 ± 270	<15,6	<22,1	21,2

Table 134 Aerosol activity (gamma spectrometry) - SDS Tajná, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0934	<5,19	<49,6	5090 ± 240	7,75 ± 4,77	<19,9	13,4
28	2006/0970	<5,71	44,9 ± 10,6	7370 ± 340	<14,3	<20,7	24,9
29	2006/0985	<4,01	25,1 ± 7,9	6090 ± 280	<9,75	<14,3	23,1
30	2006/1111	<5,06	<50,8	6060 ± 280	<12,3	<18,6	34,4
31	2006/1138	<3,27	31,5 ± 7,1	6150 ± 280	<8,76	<12,2	24,9
32	2006/1157	<4,03	11,9 ± 7,2	2230 ± 110	12,5 ± 3,6	<12,7	11,1
33	2006/1175	<5,55	23,4 ± 11,2	2770 ± 140	<13,7	<21,3	13,6
34	2006/1196	<4,56	<52,0	4210 ± 200	7,13 ± 4,57	<15,8	21,3
35	2006/1279	<4,62	31,6 ± 8,9	2780 ± 130	<11,5	<17,9	11,0
36	2006/1326	<3,66	<38,8	2570 ± 120	<8,83	<13,3	19,5
37	2006/1358	<3,72	<41,9	3710 ± 170	<7,22	<13,5	15,3
38	2006/1376	<3,67	<40,5	4850 ± 220	<9,18	<12,7	23,8
39	2006/1394	<3,00	17,0 ± 6,3	4390 ± 200	<6,98	<10,1	21,3
40	2006/1489	<5,40	<63,6	4320 ± 210	<13,8	<19,5	38,1
41	2006/1507	<3,57	23,6 ± 7,4	3080 ± 140	<8,84	<13,3	12,8
42	2006/1581	<5,38	<59,4	4260 ± 200	<13,2	<20,1	27,1
43	2006/1666	<5,15	<60,6	2830 ± 140	12,3 ± 4,9	<18,7	29,1
44	2006/1681	<4,03	37,7 ± 8,7	4520 ± 210	<9,83	<13,6	18,7
45	2006/1722	<3,97	<39,8	3940 ± 180	12,6 ± 3,9	<13,3	18,8
46	2006/1745	<3,63	<41,9	2080 ± 100	<9,12	<13,1	19,7
47	2006/1772	<3,72	26,2 ± 7,3	1030 ± 50	11,2 ± 3,5	<13,0	38,2
48	2006/1888	<2,78	24,4 ± 6,7	1370 ± 70	<7,20	<10,5	26,3
49	2006/1906	1,05 ± 0,60	32,1 ± 6,8	1550 ± 80	<9,09	<12,0	34,2
50	2006/1921	<3,78	<40,7	862 ± 46	11,0 ± 3,7	<13,6	21,2
51	2006/1936	<3,48	<40,7	1520 ± 70	<8,37	<13,3	21,1
52	2006/1969	2,43 ± 0,63	34,3 ± 7,0	1810 ± 90	<7,34	<10,3	26,4

Table 135 Aerosol activity (gamma spectrometry) - SDS Tajná, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0010	<3,06	19,3 ± 6,3	1100 ± 60	<7,66	<11,3	24,7
2	2007/0023	<4,70	19,1 ± 8,5	1270 ± 70	<11,8	<16,1	13,8
3	2007/0043	<5,38	<61,5	2110 ± 110	<14,7	<19,8	16,2
4	2007/0082	<4,35	31,1 ± 7,9	2490 ± 120	<10,5	<13,3	17,6
5	2007/0125	<3,87	22,6 ± 8,0	1540 ± 80	<9,95	<12,6	15,3
6	2007/0159	<4,60	<48,6	1280 ± 70	<12,3	<18,0	13,6
7	2007/0174	<3,95	40,2 ± 8,7	1500 ± 70	<10,2	<14,6	13,6
8	2007/0191	<3,82	<39,8	1530 ± 80	<10,0	<14,0	19,5
9	2007/0207	<4,76	<50,6	1970 ± 100	<12,2	<17,9	26,3
10	2007/0275	<4,85	<54,2	2800 ± 140	<12,1	<17,8	13,7
11	2007/0295	<3,79	<40,8	2130 ± 100	<9,73	<14,1	26,2
12	2007/0330	<3,50	24,7 ± 7,0	1990 ± 100	11,4 ± 4,2	<12,8	24,8
13	2007/0412	<3,86	17,8 ± 7,3	2680 ± 130	<10,1	<13,4	24,7
14	2007/0429	<4,66	27,6 ± 9,2	4040 ± 190	<11,9	<17,3	30,6
15	2007/0454	<4,64	<54,0	3040 ± 150	<12,9	<18,2	23,6
16	2007/0485	<4,00	<41,7	3750 ± 180	<9,49	<14,3	32,5
17	2007/0500	<3,56	<41,1	3880 ± 180	<10,3	<13,1	28,9
18	2007/0569	<3,87	20,4 ± 8,2	3980 ± 190	<8,89	<14,4	28,9
19	2007/0584	<3,68	<41,3	2920 ± 140	<9,87	<13,5	18,8
20	2007/0629	<3,75	<41,7	2490 ± 120	<9,57	<14,0	15,3
21	2007/0654	<3,88	<41,6	2710 ± 130	<9,50	<14,0	25,5
22	2007/0732	<3,89	25,6 ± 5,6	3520 ± 170	<10,3	<13,2	23,9
23	2007/0780	<3,78	<40,7	1790 ± 90	<9,77	<12,8	13,5
24	2007/0796	<3,15	<34,5	4750 ± 220	<8,88	<10,8	17,0
25	2007/0829	<3,49	<39,6	3310 ± 160	<9,30	<12,9	14,5
26	2007/0844	<3,27	18,9 ± 6,8	3120 ± 150	<8,56	<10,7	13,6

Table 136 Aerosol activity (gamma spectrometry) - SDS Tajná, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0928	<3,38	<36,1	2950 ± 140	<9,58	<11,8	14,4
28	2007/0945	<5,33	<54,2	2750 ± 140	<13,8	<19,2	13,4
29	2007/1020	<3,58	21,2 ± 7,7	2900 ± 140	<11,4	<11,9	19,8
30	2007/1095	<3,82	43,0 ± 7,8	4310 ± 200	<10,9	<12,5	26,3
31	2007/1125	<3,77	<42,0	2860 ± 140	<9,94	<13,0	11,9
32	2007/1158	<3,71	<43,5	2760 ± 130	<9,66	<11,9	21,2
33	2007/1173	<3,86	<41,7	3030 ± 140	<10,7	<12,4	20,4
34	2007/1241	<4,44	21,5 ± 8,5	3310 ± 160	<12,2	<15,4	17,9
35	2007/1256	<5,00	<49,0	3430 ± 170	<13,0	<16,8	22,9
36	2007/1290	<3,98	<45,3	2870 ± 140	<10,4	<15,0	15,0
37	2007/1309	<5,02	<53,4	1180 ± 70	<12,0	<17,4	8,21
38	2007/1357	<4,42	<48,9	3540 ± 170	<12,5	<14,8	19,8
39	2007/1425	<3,80	34,8 ± 9,5	3650 ± 170	<10,7	<13,7	22,1
40	2007/1452	<4,00	40,8 ± 11,2	2790 ± 130	<10,2	<14,1	18,5
41	2007/1493	<3,11	45,1 ± 9,6	2240 ± 110	<8,54	<11,4	23,2
42	2007/1513	<5,51	53,1 ± 14,5	2240 ± 120	<14,4	<20,2	29,8
43	2007/1546	<3,80	50,6 ± 10,5	1510 ± 70	<10,2	<13,5	17,4
44	2007/1633	<3,73	<40,8 ± 8,5	748 ± 42	<10,6	<13,7	22,8
45	2007/1657	<4,79	52,7 ± 12,7	1160 ± 60	<13,9	<17,2	15,4
46	2007/1732	<3,98	27,5 ± 8,7	821 ± 47	<10,6	<13,8	7,60
47	2007/1803	<4,08	39,3 ± 9,5	962 ± 52	<10,4	<12,4	24,8
48	2007/1851	<4,24	47,4 ± 11,2	1830 ± 90	<12,0	<16,1	26,7
49	2007/1866	<5,02	36,7 ± 10,7	1550 ± 80	<12,9	<17,3	22,3
50	2007/1909	<3,94	45,7 ± 9,5	800 ± 43	11,3 ± 5,3	<13,6	21,9
51	2007/1953	<5,25	49,9 ± 15,0	1650 ± 90	<15,3	<20,9	29,7
52	2007/1968	<5,28	<62,7	2570 ± 130	<13,7	<18,0	41,0

Table 137 Aerosol activity (gamma spectrometry) - SDS Tajná , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0008	<4,27	46,2 ± 22,3	1440 ± 130	11,4 ± 11,1	<15,1	33,6
2	2008/0024	<3,69	59,6 ± 20,5	1780 ± 150	<9,46	<13,2	19,4
3	2008/0039	<3,75	43,2 ± 19,6	2070 ± 170	<10,1	<13,7	25,3
4	2008/0054	<3,98	54,9 ± 19,6	1660 ± 140	<10,0	<13,9	18,8
5	2008/0124	<4,01	50,2 ± 20,8	1620 ± 140	<10,0	<13,8	17,0
6	2008/0139	1,38 ± 1,59	38,6 ± 22,5	2050 ± 180	<12,0	<17,8	23,8
7	2008/0166	<3,78	41,3 ± 21,2	1470 ± 130	<9,63	<13,2	23,8
8	2008/0236	<3,69	70,1 ± 20,9	2070 ± 170	<10,7	<12,9	28,9
9	2008/0303	<5,06	44,5 ± 24,8	2610 ± 220	<12,0	<16,3	31,0
10	2008/0332	<4,34	51,2 ± 22,8	3330 ± 270	12,2 ± 10,3	<16,4	18,2
11	2008/0372	<3,84	57,5 ± 21,2	2780 ± 220	<9,01	<13,1	23,8
12	2008/0401	<3,68	43,2 ± 19,3	2460 ± 200	<9,29	<12,6	10,2
13	2008/0417	<3,45	43,1 ± 20,1	1660 ± 140	<10,1	<12,9	11,9
14	2008/0503	<2,33	46,2 ± 15,5	5060 ± 400	<7,60	<10,2	17,1
15	2008/0522	<1,80	48,4 ± 16,0	2400 ± 190	<6,02	<7,93	21,5
16	2008/0539	<4,16	49,2 ± 22,1	2690 ± 220	11,5 ± 10,3	<14,9	23,6
17	2008/0610	<2,39	<40,9	2020 ± 180	<8,53	<11,1	17,1
18	2008/0628	<2,40	44,7 ± 16,6	5500 ± 430	<7,14	<10,5	22,1
19	2008/0647	<1,83	<27,9	3020 ± 240	<5,78	<8,66	19,6
20	2008/0670	<2,98	47,6 ± 18,8	3600 ± 280	<8,08	<9,81	25,4
21	2008/0704	<3,06	60,4 ± 17,6	3220 ± 250	<8,01	<11,0	18,8
22	2008/0782	<2,90	49,5 ± 17,1	2060 ± 170	<8,02	<10,8	20,4
23	2008/0805	<3,95	43,6 ± 20,5	6020 ± 470	<10,1	<13,7	25,5
24	2008/0850	<2,36	<37,7	4260 ± 350	<7,75	<11,0	16,4
25	2008/0867	<2,02	<30,6	3010 ± 240	<6,76	<8,78	13,9
26	2008/0963	<2,29	<33,3	4100 ± 330	<7,78	<9,73	17,8

Table 138 Aerosol activity (gamma spectrometry) - SDS Tajná, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0985	<2,85	<46,8	4080 ± 340	<10,1	<11,9	15,3
28	2008/1067	<2,06	46,9 ± 18,0	4390 ± 350	<7,40	<10,4	16,2
29	2008/1091	<2,70	<51,8	3120 ± 270	<9,63	<12,5	20,4
30	2008/1106	<2,84	43,0 ± 16,8	3340 ± 260	7,03 ± 6,57	<10,4	14,4
31	2008/1174	<2,71	<39,3	3670 ± 310	<9,16	<12,5	19,6
32	2008/1189	<2,86	60,1 ± 17,4	4220 ± 330	<7,55	<9,79	21,2
33	2008/1216	<2,61	<44,0	3930 ± 320	<7,37	<13,2	14,4
34	2008/1241	<2,85	50,8 ± 15,3	3510 ± 280	9,27 ± 7,06	<10,8	14,4
35	2008/1287	<2,63	<50,4	3100 ± 260	<9,51	<12,4	17,8
36	2008/1364	<2,84	<46,2	3440 ± 290	<9,94	<12,2	22,0
37	2008/1402	<2,62	51,9 ± 16,3	4350 ± 330	10,6 ± 6,9	<8,97	31,7
38	2008/1417	<2,48	<39,4	2590 ± 220	<8,84	<10,6	16,4
39	2008/1504	<2,57	<36,8	1350 ± 130	<8,02	<11,4	17,9
40	2008/1521	<2,61	<41,1	3720 ± 310	20,1 ± 7,6	<12,2	23,7
41	2008/1557	<2,08	42,0 ± 15,5	2400 ± 200	15,8 ± 6,3	<9,20	15,9
42	2008/1577	1,76 ± 0,72	41,1 ± 16,6	1420 ± 130	<7,85	<10,9	26,8
43	2008/1599	<2,68	38,6 ± 13,7	2420 ± 190	11,3 ± 5,8	<8,93	25,2
44	2008/1647	<2,78	37,7 ± 13,9	2260 ± 180	<7,43	<9,81	32,1
45	2008/1720	<2,53	30,6 ± 11,1	3240 ± 250	15,5 ± 6,5	<7,98	18,8
46	2008/1745	<2,63	24,9 ± 12,0	3510 ± 280	7,45 ± 5,53	<9,95	30,5
47	2008/1760	3,46 ± 1,92	<28,4	2520 ± 200	<7,46	<10,7	27,2
48	2008/1837	<2,46	17,2 ± 10,0	1700 ± 140	<6,30	<8,56	11,9
49	2008/1877	<2,74	23,1 ± 11,7	1790 ± 150	<6,94	<10,1	13,7
50	2008/1897	<2,29	88,2 ± 21,1	1320 ± 160	<6,52	<10,1	14,5
51	2008/1942	<3,18	<34,4	2560 ± 210	<7,74	<11,8	11,9
52	2008/2059	<3,32	85,0 ± 27,8	1540 ± 190	<10,2	<14,8	11,9

Table 139 Aerosol activity (gamma spectrometry) - SDS Tajná , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0009	<2,64	<2,55	62,5 ± 15,0	1970 ± 106	<11,9	<18,4	26,3
2	2005/0024	<1,89	<2,05	<22,8	1130 ± 66	<9,73	<14,7	21,7
3	2005/0045	<2,39	<2,50	<24,8	2160 ± 118	<11,9	<18,2	23,8
4	2005/0060	<2,31	<2,18	<24,4	1600 ± 84	<9,20	<13,7	17,8
5	2005/0129	<2,32	<2,20	<21,8	1480 ± 79	<11,3	<17,3	23,9
6	2005/0160	<1,82	<2,17	<21,0	1840 ± 94	<9,88	<14,6	42,6
7	2005/0194	<3,15	<3,03	63,9 ± 14,2	718 ± 49	<15,0	<21,5	49,6
8	2005/0259	<2,04	<2,05	<23,2	1130 ± 62	<10,4	<14,9	24,0
9	2005/0274	<2,85	<2,59	<25,4	1670 ± 88	<13,0	<19,6	29,2
10	2005/0309	<2,67	<2,45	<27,8	2930 ± 149	<16,0	<19,4	33,7
11	2005/0336	<2,36	<2,42	<25,3	3140 ± 158	<11,6	<16,7	26,5
12	2005/0253	<2,70	<2,72	<30,1	4730 ± 225	<13,5	<20,2	29,5
13	2005/0381	<2,30	<2,30	<27,2	4290 ± 206	<11,8	<16,7	43,0
14	2005/0400	<2,56	<2,77	45,6 ± 13,8	6940 ± 325	19,2 ± 6,0	<19,1	50,4
15	2005/0432	<2,33	<2,30	41,4 ± 9,1	6000 ± 278	14,4 ± 4,3	<16,2	34,7
16	2005/0493	<2,18	<2,22	36,2 ± 9,1	4520 ± 211	<11,0	<16,3	34,8
17	2005/0559	<2,25	<2,07	23,0 ± 9,8	2550 ± 126	<10,5	<16,8	24,8
18	2005/0642	<2,92	<2,66	<29,6	4870 ± 235	<14,2	<21,3	27,6
19	2005/0669	<2,23	<2,24	<21,8	3200 ± 155	<10,8	<16,1	15,0
20	2005/0702	<2,55	<2,53	<27,9	3070 ± 157	<13,4	<20,8	16,9
21	2005/0756	<2,44	<2,33	<26,1	5070 ± 247	<12,6	<20,5	25,9
22	2005/0823	<2,28	<2,46	<25,4	5820 ± 279	15,7 ± 6,1	<19,6	32,7
23	2005/0862	<2,44	<2,21	47,5 ± 11,5	6020 ± 288	13,8 ± 5,0	<16,3	26,0
24	2005/0882	<2,31	<2,18	<23,5	4700 ± 219	<10,7	<16,1	22,7
25	2005/0914	<2,51	<2,51	<26,0	4700 ± 229	<12,8	<20,5	25,7
26	2005/1011	<2,56	<2,54	<24,5	5340 ± 258	<14,3	<19,5	26,8

Table 140 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1031	<2,33	<2,18	<25,0	4150 ± 200	<11,1	<16,7	24,0
28	2005/1062	<2,51	<2,31	<24,9	3380 ± 171	<13,2	<19,3	26,7
29	2005/1080	<2,46	<2,25	33,8 ± 9,2	5730 ± 267	<11,3	<14,8	27,8
30	2005/1096	<2,25	<2,20	25,1 ± 8,7	4020 ± 189	<10,7	<16,0	32,1
31	2005/1168	<2,62	<2,31	35,7 ± 13,7	3670 ± 185	<13,1	<19,4	41,9
32	2005/1199	<2,36	<2,19	<22,3	2550 ± 122	<9,98	<14,2	13,0
33	2005/1247	<1,94	<1,93	<20,6	3360 ± 161	<9,63	<14,4	19,6
34	2005/1373	<2,34	<2,18	<23,6	3780 ± 184	<11,7	<16,4	20,8
35	2005/1388	<2,29	<2,14	<26,4	5190 ± 253	<12,7	<18,3	24,1
36	2005/1426	<2,24	<2,06	99,5 ± 29,9	4300 ± 220	<10,4	<14,1	24,5
37	2005/1447	<2,78	<2,49	<26,8	2300 ± 120	<13,2	<18,7	30,1
38	2005/1462	<2,31	<2,03	<24,4	3180 ± 161	<10,7	<16,3	12,2
39	2005/1525	<2,35	<2,23	26,1 ± 11,1	3880 ± 186	<11,0	<17,1	24,8
40	2005/1553	<2,28	<2,22	14,3 ± 8,4	2940 ± 139	<8,85	<10,8	18,9
41	2005/1597	<2,24	2,52 ± 1,19	<30,2	5080 ± 243	<12,5	<17,4	32,7
42	2005/1616	<2,19	<2,05	31,9 ± 8,2	2320 ± 113	<9,73	<13,4	24,8
43	2005/1637	<2,09	<1,93	28,6 ± 8,6	1890 ± 94	<10,3	<14,3	24,7
44	2005/1729	<2,24	<2,38	42,5 ± 9,8	3600 ± 174	<12,3	<16,9	35,7
45	2005/1783	<1,91	<1,93	41,6 ± 9,5	1520 ± 76	<10,3	<14,7	57,5
46	2005/1889	<2,55	<2,55	<26,5	1420 ± 78	<12,6	<18,7	49,6
47	2005/1904	<2,54	<2,55	<24,8	1410 ± 79	<11,9	<18,3	22,7
48	2005/1997	<2,18	<1,96	16,0 ± 8,1	1110 ± 60	<9,59	<14,5	21,8
49	2005/2035	<2,15	<2,08	<22,4	1370 ± 74	<10,2	<14,6	19,9
50	2005/2061	<2,58	<2,34	<24,9	2160 ± 109	<11,0	<17,1	35,6
51	2005/2127	<2,33	1,67 ± 0,83	32,9 ± 9,7	2070 ± 105	<11,7	<16,3	15,9
52	2005/2142	<2,33	<2,33	<25,0	775 ± 50	<11,3	<17,4	18,0

Table 141 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0010	<3,04	31,6 ± 6,9	574 ± 32	<8,04	<10,3	17,4
2	2006/0025	<7,06	<79,2	6030 ± 290	<18,5	<25,2	33,9
3	2006/0041	<6,19	45,9 ± 12,9	1850 ± 100	<15,7	<21,2	40,8
4	2006/0057	<6,62	<71,9	3350 ± 170	<17,1	<23,4	43,1
5	2006/0072	<6,95	<72,6	1960 ± 110	<17,2	<22,1	56,7
6	2006/0087	<5,83	19,5 ± 12,4	2030 ± 100	<15,3	<20,1	58,6
7	2006/0105	<7,24	<80,7	1000 ± 60	<18,7	<25,3	34,7
8	2006/0134	<9,43	<95,8	649 ± 59	34,4 ± 14,1	<32,1	35,0
9	2006/0152	<5,37	16,2 ± 10,9	1800 ± 90	<12,8	<18,1	28,3
10	2006/0265	2,09 ± 1,03	<64,1	3090 ± 150	<16,2	<22,3	23,8
11	2006/0303	<6,46	<70,3	2600 ± 130	<16,3	<22,4	34,1
12	2006/0372	<6,66	<63,0	1940 ± 100	<15,7	<22,5	45,9
13	2006/0397	<6,23	<67,3	1410 ± 80	<15,5	<22,6	31,6
14	2006/0419	<3,10	17,1 ± 6,6	3460 ± 160	10,7 ± 3,9	<10,5	11,9
15	2006/0450	<3,64	36,7 ± 8,4	4900 ± 230	<8,00	<13,7	29,9
16	2006/0515	<4,83	<55,6	4670 ± 220	<13,0	<17,2	31,5
17	2006/0538	<5,07	34,3 ± 9,9	5240 ± 250	<12,1	<17,5	49,3
18	2006/0599	<6,03	36,6 ± 12,3	3830 ± 190	<11,8	<21,9	28,9
19	2006/0649	<5,42	<51,9	5470 ± 260	<12,8	<17,8	37,4
20	2006/0686	<3,69	<41,5	5660 ± 260	<10,2	<12,8	34,9
21	2006/0711	<5,06	<56,5	6010 ± 280	<13,3	<18,2	26,5
22	2006/0781	<4,93	<50,3	4160 ± 200	<12,5	<15,7	16,3
23	2006/0798	<5,81	<65,5	3210 ± 160	<15,5	<21,7	19,4
24	2006/0817	<5,41	19,5 ± 9,9	5250 ± 250	<13,9	<18,7	22,9
25	2006/0852	<5,51	<64,7	6970 ± 320	<12,7	<20,6	30,9
26	2006/0868	<5,52	42,0 ± 10,3	1470 ± 80	<14,1	<18,8	18,7

Table 142 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0935**	<3,61	25,2 ± 8,0	5170 ± 240	<9,70	<13,6	24,4
28	**2006/0971**	<5,76	25,1 ± 10,6	7480 ± 350	<14,2	<21,5	26,9
29	**2006/0986**	<4,77	<54,7	5870 ± 270	<12,7	<17,7	23,1
30	**2006/1112**	<3,76	<44,5	4860 ± 230	<9,40	<13,3	37,8
31	**2006/1139**	<5,24	24,1 ± 8,8	4460 ± 210	<12,2	<17,7	31,8
32	**2006/1158**	<4,59	<51,4	2350 ± 110	<11,4	<15,3	12,8
33	**2006/1176**	<4,55	<52,5	2840 ± 140	<11,1	<16,9	15,3
34	**2006/1197**	<5,68	<65,4	2770 ± 140	<15,0	<21,9	21,3
35	**2006/1280**	<3,73	20,3 ± 7,2	2800 ± 130	<8,90	<13,6	18,7
36	**2006/1327**	<3,63	<41,2	3040 ± 140	<9,23	<12,7	17,0
37	**2006/1359**	<2,97	30,2 ± 7,5	3800 ± 180	<6,93	<10,2	21,3
38	**2006/1377**	<3,77	21,0 ± 7,8	4580 ± 210	<9,31	<13,6	31,6
39	**2006/1395**	<3,74	36,4 ± 8,2	5160 ± 240	<9,23	<13,4	31,5
40	**2006/1490**	<3,84	41,0 ± 9,6	4310 ± 200	<9,02	<14,2	44,9
41	**2006/1508**	1,06 ± 0,63	<47,5	3320 ± 160	<10,7	<15,5	21,3
42	**2006/1582**	<3,84	57,6 ± 8,9	4590 ± 210	<9,43	<11,6	38,2
43	**2006/1667**	<4,27	36,5 ± 8,3	3160 ± 150	12,7 ± 3,9	<14,5	35,9
44	**2006/1682**	<4,57	<50,1	4200 ± 200	<11,5	<17,0	22,8
45	**2006/1723**	<3,68	18,2 ± 7,4	4390 ± 200	19,7 ± 4,0	<11,0	21,8
46	**2006/1746**	<3,05	<32,4	1910 ± 90	<7,44	<9,79	21,4
47	**2006/1773**	<4,84	<57,4	1450 ± 80	<13,0	<17,0	43,8
48	**2006/1889**	<3,77	<36,5	1080 ± 60	<9,57	<12,5	29,2
49	**2006/1907**	<3,71	22,5 ± 8,2	1560 ± 80	11,0 ± 4,0	<12,5	39,5
50	**2006/1922**	<3,82	<42,1	944 ± 50	11,7 ± 3,6	<13,1	24,5
51	**2006/1937**	<5,75	<54,1	1380 ± 80	<12,7	<20,8	23,7
52	**2006/1970**	3,22 ± 0,72	19,2 ± 7,5	1790 ± 90	7,55 ± 4,00	<13,3	30,5

Table 143 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0011	<3,92	23,3 ± 8,0	1280 ± 70	<9,57	<13,2	24,7
2	2007/0024	<4,31	27,6 ± 7,4	1430 ± 70	<10,5	<14,1	14,6
3	2007/0044	<4,12	19,2 ± 8,8	2580 ± 120	<11,6	<14,7	15,3
4	2007/0083	<3,97	<42,6	2000 ± 100	<10,2	<14,1	13,6
5	2007/0126	<3,23	21,9 ± 7,0	1790 ± 70	<8,22	<11,7	13,6
6	2007/0160	<3,79	<38,9	1270 ± 60	<9,29	<13,5	12,8
7	2007/0175	<3,06	18,5 ± 6,0	1460 ± 70	<7,79	<10,6	11,9
8	2007/0192	<3,80	<37,0	1570 ± 80	<9,60	<14,2	18,7
9	2007/0208	<3,84	<41,6	2010 ± 100	<9,77	<14,6	26,3
10	2007/0276	<3,75	<40,9	1890 ± 90	<9,83	<12,9	13,7
11	2007/0296	<3,75	17,2 ± 7,8	2330 ± 110	<9,87	<13,8	22,0
12	2007/0331	<4,50	<58,9	1820 ± 90	<12,6	<17,4	20,7
13	2007/0413	<4,90	43,8 ± 12,1	3630 ± 170	<12,9	<17,5	33,9
14	2007/0430	<3,15	35,3 ± 8,3	4300 ± 200	<8,27	<10,6	33,4
15	2007/0455	1,15 ± 0,60	34,6 ± 7,4	3120 ± 150	<10,5	<14,0	23,6
16	2007/0486	<3,17	35,6 ± 8,0	4080 ± 190	<8,53	<11,4	32,5
17	2007/0501	<3,90	26,0 ± 8,0	4240 ± 200	<10,5	<14,2	26,3
18	2007/0570	<3,97	25,0 ± 8,2	4230 ± 200	<10,4	<14,4	28,1
19	2007/0585	<3,94	27,0 ± 7,0	2990 ± 140	<10,1	<14,0	21,3
20	2007/0630	<3,83	<40,8	2580 ± 120	<10,5	<12,5	20,4
21	2007/0655	<3,69	<41,2	3210 ± 150	<9,88	<14,3	25,5
22	2007/0733	<3,94	30,2 ± 8,2	4020 ± 190	<9,89	<14,6	31,5
23	2007/0781	<3,73	25,6 ± 8,5	1810 ± 90	<9,46	<13,7	15,2
24	2007/0797	<3,84	<39,1	5020 ± 230	<10,2	<14,2	20,4
25	2007/0830	<3,74	18,6 ± 7,7	3410 ± 160	<9,57	<13,0	21,3
26	2007/0845	<5,80	<71,7	3180 ± 160	<15,8	<23,7	18,8

Table 144 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0929	<4,96	<55,6	3010 ± 150	<13,8	<17,9	17,8
28	2007/0946	<5,22	<54,5	2910 ± 150	<13,9	<15,5	18,7
29	2007/1021	<3,85	31,2 ± 10,3	3370 ± 160	<10,2	<12,2	25,5
30	2007/1036	<3,65	41,2 ± 8,7	4490 ± 210	<10,1	<12,9	35,7
31	2007/1126	<3,77	<44,6	3090 ± 150	<10,8	<13,2	16,2
32	2007/1159	<3,32	20,6 ± 7,1	3040 ± 140	<8,86	<10,1	22,6
33	2007/1174	<3,80	25,6 ± 7,3	3360 ± 160	<10,9	<12,9	17,9
34	2007/1242	<4,53	<48,3	3400 ± 160	<12,7	<16,2	19,5
35	2007/1257	<3,81	19,8 ± 7,8	3500 ± 170	<10,2	<12,7	24,4
36	2007/1291	<5,09	<56,2	2750 ± 140	<15,0	<19,9	15,8
37	2007/1310	<4,69	<51,5	1600 ± 80	<12,7	<17,3	8,82
38	2007/1358	<4,44	24,6 ± 9,2	3620 ± 170	<11,6	<14,1	19,2
39	2007/1426	<3,04	46,7 ± 8,8	3550 ± 160	10,6 ± 4,7	<11,7	19,6
40	2007/1453	1,02 ± 0,66	49,3 ± 8,8	2760 ± 130	<10,0	<13,0	20,4
41	2007/1494	<3,46	35,8 ± 9,1	2340 ± 110	<9,47	<12,4	22,6
42	2007/1514	<3,18	57,4 ± 8,3	2020 ± 100	<8,88	<10,5	25,7
43	2007/1547	<4,04	58,3 ± 9,6	1670 ± 80	<10,4	<13,0	16,2
44	2007/1634	<3,77	59,1 ± 11,1	836 ± 46	<9,80	<14,1	23,7
45	2007/1658	<3,95	63,9 ± 11,3	1160 ± 60	<10,3	<13,4	13,7
46	2007/1733	<5,32	35,2 ± 11,8	838 ± 50	<14,8	<20,0	7,57
47	2007/1804	<3,89	53,9 ± 9,9	939 ± 49	<10,3	<11,2	22,4
48	2007/1852	<3,67	54,4 ± 10,0	1870 ± 90	<9,97	<13,2	25,8
49	2007/1867	<4,07	58,1 ± 11,4	1910 ± 90	<11,7	<15,0	24,7
50	2007/1910	<5,20	<67,4	867 ± 54	<14,0	<18,5	19,3
51	2007/1954	<5,90	73,7 ± 15,3	1630 ± 80	<15,8	<20,5	22,7
52	2007/1969	<5,13	61,9 ± 13,7	2620 ± 130	<14,1	<19,8	39,5

Table 145 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0009	<3,55	73,2 ± 21,7	1540 ± 130	<8,48	<12,8	32,6
2	2008/0025	<4,22	36,7 ± 22,8	1660 ± 150	<11,4	<15,1	19,9
3	2008/0040	<3,68	27,0 ± 17,0	2110 ± 180	<9,82	<13,5	22,8
4	2008/0055	<3,84	38,0 ± 17,7	1550 ± 140	<9,86	<13,5	17,1
5	2008/0125	<3,99	48,1 ± 19,0	1720 ± 150	<8,61	<13,8	17,1
6	2008/0140	<3,88	51,9 ± 19,3	1910 ± 160	<9,82	<14,1	23,0
7	2008/0167	<4,90	43,5 ± 21,8	1510 ± 150	<11,4	<17,2	24,6
8	2008/0237	<4,21	48,3 ± 22,4	1960 ± 170	<10,6	<15,0	22,8
9	2008/0304	<2,48	<41,3	3450 ± 280	<8,13	<10,3	29,1
10	2008/0333	<4,44	45,4 ± 18,8	3400 ± 270	<11,1	<15,4	15,9
11	2008/0373	<3,73	47,7 ± 19,9	2820 ± 230	<9,63	<13,3	22,9
12	2008/0402	<3,50	36,3 ± 16,3	2790 ± 220	<9,42	<12,6	9,35
13	2008/0418	<1,97	<28,6	2050 ± 170	<6,08	<8,23	11,9
14	2008/0504	<2,75	35,3 ± 18,6	4850 ± 390	<9,87	<11,9	17,9
15	2008/0523	<1,78	<27,7	2370 ± 190	<6,18	<8,06	18,9
16	2008/0540	<4,10	55,6 ± 23,4	2790 ± 230	8,54 ± 9,98	<14,8	26,6
17	2008/0611	<2,65	<44,0	2090 ± 190	<7,76	<11,0	14,2
18	2008/0629	<2,38	<34,1	6100 ± 480	<7,79	<10,8	23,0
19	2008/0648	<2,11	<33,5	3230 ± 260	<7,24	<9,51	17,9
20	2008/0671	<3,07	36,2 ± 16,8	3910 ± 310	<8,56	<11,2	24,5
21	2008/0705	<3,21	46,1 ± 18,9	3360 ± 270	<8,43	<11,4	24,8
22	2008/0783	<2,92	54,6 ± 17,3	2240 ± 180	<8,12	<10,6	25,5
23	2008/0806	<3,12	59,8 ± 20,4	6570 ± 500	<8,19	<11,5	38,9
24	2008/0851	<2,52	<38,3	4230 ± 340	<7,38	<10,9	17,9
25	2008/0868	<2,11	<33,4	3060 ± 240	<7,81	<9,08	18,1
26	2008/0964	<2,34	<37,2	4280 ± 340	<7,50	<9,62	22,9

Table 146 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Č. Hrádok - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0986	<2,78	49,0 ± 20,6	4180 ± 350	<8,39	<12,4	20,4
28	2008/1068	<2,15	<36,1	4470 ± 360	<7,23	<10,3	20,5
29	2008/1092	<2,32	<38,6	2980 ± 250	<7,43	<10,6	21,3
30	2008/1107	<3,02	44,1 ± 16,4	3400 ± 270	17,0 ± 7,0	<10,1	18,6
31	2008/1175	<2,23	<34,8	4050 ± 330	<7,62	<10,0	17,2
32	2008/1190	<2,73	54,2 ± 16,5	4060 ± 310	11,1 ± 6,7	<9,08	20,4
33	2008/1217	<2,32	<37,5	4390 ± 350	<7,07	<10,0	17,9
34	2008/1242	<2,66	65,1 ± 17,6	3690 ± 280	11,1 ± 6,5	<8,12	22,9
35	2008/1288	<3,04	<45,0	3150 ± 260	<10,0	<12,9	19,5
36	2008/1365	<1,70	63,6 ± 15,7	3430 ± 270	<6,31	<7,80	22,9
37	2008/1403	<2,78	<46,2	4580 ± 370	<9,29	<12,2	37,7
38	2008/1418	<2,53	<41,0	2550 ± 220	<8,38	<11,5	23,1
39	2008/1505	<2,61	<39,8	1340 ± 130	<8,51	<11,3	12,7
40	2008/1522	<2,26	73,5 ± 21,1	3380 ± 400	<6,51	<9,99	19,5
41	2008/1558	<2,11	<32,8	2610 ± 210	22,5 ± 6,8	<9,72	12,0
42	2008/1578	<1,94	62,3 ± 21,4	845 ± 95	<10,3	<14,0	21,4
43	2008/1600	<2,52	33,6 ± 13,9	2280 ± 180	12,7 ± 5,3	<9,21	22,9
44	2008/1648	<2,71	14,9 ± 11,3	2240 ± 180	<7,23	<10,0	24,7
45	2008/1721	2,71 ± 1,70	<32,8	3290 ± 270	<8,82	<10,8	20,6
46	2008/1746	<2,81	31,4 ± 13,4	3770 ± 300	17,2 ± 6,0	<10,6	32,1
47	2008/1761	<3,94	44,9 ± 18,4	3310 ± 260	20,7 ± 10,6	<12,5	34,9
48	2008/1838	<2,42	<27,3	1770 ± 140	<6,29	<8,84	12,8
49	2008/1878	<3,00	<33,6	1870 ± 160	<7,59	<10,9	13,7
50	2008/1898	<2,41	76,8 ± 21,5	1260 ± 150	<9,66	<10,8	13,6
51	2008/1943	<3,28	15,5 ± 14,6	2640 ± 220	<8,00	<12,2	11,0
52	2008/2060	<2,81	<39,3	1550 ± 190	<9,79	<12,5	10,9

Table 147 Aerosol activity (gamma spectrometry) - SDS Č. Hrádok , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0010	<2,16	<1,98	<22,1	1480 ± 80	<10,3	<14,0	15,3
2	2005/0025	<2,12	<2,20	<26,2	1190 ± 70	<11,5	<14,5	19,1
3	2005/0046	<2,02	<1,88	35,2 ± 10,5	1570 ± 83	<8,87	<13,4	19,9
4	2005/0061	<2,54	<2,37	<24,4	1120 ± 69	<11,4	<17,4	9,89
5	2005/0130	<2,41	<2,23	<24,7	1090 ± 62	<10,9	<17,0	20,9
6	2005/0161	<2,88	<2,98	<33,5	3570 ± 178	<14,0	<20,6	42,5
7	2005/0195	<2,66	<2,62	31,8 ± 11,2	594 ± 40	<13,0	<19,2	41,7
8	2005/0260	<2,63	<2,61	<28,5	1060 ± 62	<13,2	<19,0	21,7
9	2005/0275	<2,11	<2,05	<22,4	1350 ± 69	<10,3	<14,1	29,1
10	2005/0310	<2,48	<2,47	<27,7	2240 ± 118	<15,0	<20,0	29,6
11	2005/0337	<2,43	<2,44	<27,9	2470 ± 128	<11,5	<17,6	28,5
12	2005/0354	<2,71	<2,62	<27,8	3790 ± 184	<13,5	<20,0	28,3
13	2005/0382	<2,25	<2,28	<24,6	3240 ± 160	<12,3	<16,1	36,0
14	2005/0401	<2,59	<2,51	<27,0	4640 ± 221	<12,8	<18,9	42,9
15	2005/0433	<1,61	1,78 ± 0,60	36,2 ± 6,8	4320 ± 199	11,0 ± 3,1	<10,9	32,0
16	2005/0494	<2,84	<2,84	<32,3	2940 ± 151	<13,9	<21,3	27,5
17	2005/0560	<3,17	<2,85	<32,6	3220 ± 161	17,3 ± 5,9	<22,7	20,8
18	2005/0643	<2,10	<2,03	<20,7	3650 ± 174	<10,6	<14,0	29,7
19	2005/0670	<2,25	<2,15	<23,0	2370 ± 114	<9,99	<14,6	13,0
20	2005/0703	<2,44	<2,31	<23,0	2310 ± 121	<11,9	<18,5	15,7
21	2005/0757	<2,17	<2,27	30,6 ± 11,2	3880 ± 188	11,5 ± 5,1	<16,4	19,9
22	2005/0824	<2,28	<2,13	<24,2	4300 ± 205	<11,5	<16,4	24,8
23	2005/0863	<2,43	<2,28	31,5 ± 16,1	2060 ± 105	<13,2	<19,5	20,9
24	2005/0883	<2,51	<2,28	<21,6	3380 ± 169	<10,7	<18,6	20,7
25	2005/0915	<2,34	<2,16	<26,1	3600 ± 174	<11,1	<16,6	23,8
26	2005/1012	<2,48	<2,29	<23,0	4310 ± 212	<12,4	<19,2	23,8

Table 148 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1032	<2,23	<2,06	<22,6	2560 ± 129	<11,0	<16,2	15,0
28	2005/1063	<2,49	<2,34	<26,0	2860 ± 147	<12,4	<17,7	18,7
29	2005/1081	<2,48	<2,22	<23,8	4340 ± 204	<11,4	<15,9	21,0
30	2005/1097	<2,39	<2,30	<24,0	2770 ± 133	<11,7	<16,4	29,2
31	2005/1169	<2,46	<2,27	<24,0	3780 ± 190	<12,3	<17,7	28,3
32	2005/1200	<2,28	<2,12	<25,9	1960 ± 101	<10,7	<16,7	10,0
33	2005/1248	<2,10	<1,83	<19,3	2360 ± 122	<10,4	<14,4	15,6
34	2005/1374	<2,14	<2,01	35,4 ± 9,2	2820 ± 137	<10,6	<14,7	16,2
35	2005/1389	<2,12	<2,04	<21,8	4330 ± 204	<10,8	<14,9	17,4
36	2005/1427	<2,08	<2,21	<20,8	3890 ± 192	<11,4	<14,7	24,1
37	2005/1448	<2,10	<2,25	<23,5	2980 ± 146	<10,7	<15,7	24,4
38	2005/1463	<2,19	<2,32	<26,5	2350 ± 123	<11,4	<16,3	10,4
39	2005/1526	<2,19	<2,33	33,5 ± 11,7	3610 ± 174	<10,7	<15,5	22,8
40	2005/1554	<2,20	<2,28	<24,7	2300 ± 117	<11,0	<15,6	14,9
41	2005/1598	<2,63	<2,40	<27,1	3530 ± 176	<13,4	<20,0	28,7
42	2005/1617	<2,14	<2,30	<23,5	1750 ± 91	<10,7	<16,5	18,9
43	2005/1638	<2,20	<2,02	<21,1	1780 ± 91	<11,1	<15,4	20,8
44	2005/1730	<2,38	<2,25	<26,1	2540 ± 133	<12,2	<15,6	34,5
45	2005/1784	<2,02	<1,95	<21,0	1310 ± 68	<10,7	<15,8	42,7
46	2005/1890	<2,52	<2,52	<24,3	1160 ± 68	<12,1	<19,0	34,7
47	2005/1905	<2,57	<2,36	<23,7	972 ± 57	<11,2	<17,3	19,2
48	2005/1998	<2,10	<2,08	32,2 ± 8,6	1280 ± 67	<10,3	<15,1	17,8
49	2005/2036	<1,89	<1,79	26,5 ± 7,9	1070 ± 54	<7,60	<10,8	16,0
50	2005/2062	<2,38	<2,36	<28,1	1770 ± 99	<11,6	<18,3	26,7
51	2005/2128	<2,45	<2,56	<28,6	1310 ± 76	<13,1	<20,2	8,91
52	2005/2143	<2,37	<2,18	34,4 ± 10,6	1140 ± 65	<11,7	<16,4	12,9

Table 149 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0011	<5,03	<55,8	785 ± 48	<13,4	<15,8	15,0
2	2006/0026	<6,43	60,9 ± 14,8	4300 ± 210	<16,7	<23,7	25,7
3	2006/0042	<6,63	<68,2	1560 ± 90	<16,7	<23,6	34,8
4	2006/0058	<6,49	<71,1	2200 ± 120	<17,1	<23,6	37,3
5	2006/0073	<6,48	47,8 ± 12,4	2620 ± 140	<17,3	<22,3	48,6
6	2006/0088	<5,52	35,3 ± 9,9	1610 ± 90	<15,2	<20,9	45,7
7	2006/0106	<7,05	40,7 ± 13,2	1450 ± 80	<18,3	<25,7	26,7
8	2006/0135	<5,71	<64,7	1300 ± 70	<14,7	<20,7	21,8
9	2006/0153	<6,18	<63,2	1630 ± 90	<16,1	<22,4	24,7
10	2006/0266	<4,77	18,4 ± 9,1	1930 ± 100	<12,2	<16,3	18,7
11	2006/0304	<6,46	<72,7	2010 ± 100	<16,3	<21,8	31,4
12	2006/0373	<4,89	<48,8	1780 ± 90	<12,1	<17,5	38,4
13	2006/0398	<3,56	<35,6	1310 ± 60	<8,45	<12,5	27,0
14	2006/0420	<6,28	24,3 ± 10,9	2560 ± 130	<14,4	<22,9	11,6
15	2006/0451	<4,93	<47,0	3120 ± 150	<12,3	<17,8	23,1
16	2006/0516	<6,43	<69,0	3120 ± 160	<15,9	<21,5	17,8
17	2006/0539	<5,13	<54,9	3660 ± 170	<12,4	<17,8	28,2
18	2006/0600	<3,15	28,2 ± 7,8	2640 ± 120	<7,95	<10,3	27,3
19	2006/0650	4,39 ± 1,11	28,5 ± 13,5	4880 ± 230	<16,2	<23,5	33,9
20	2006/0687	<3,80	23,6 ± 8,6	3990 ± 190	<8,29	<13,6	26,3
21	2006/0709	<4,14	25,9 ± 8,4	4320 ± 200	<11,1	<15,8	14,7
22	2006/0782	<4,97	<49,9	2890 ± 140	<12,3	<17,5	11,1
23	2006/0799	<5,87	<60,1	2530 ± 130	<15,3	<21,8	11,7
24	2006/0818	<4,16	<47,5	3910 ± 180	<10,9	<14,9	15,6
25	2006/0853	<5,57	<61,3	4910 ± 230	<11,2	<20,4	22,7
26	2006/0869	<4,49	<53,2	4460 ± 210	<11,9	<17,2	18,1

Table 150 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0936	<5,45	<58,0	4160 ± 210	5,47 ± 1,31	<17,6	10,5
28	2006/0972*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
29	2006/0987*						
30	2006/1113*						
31	2006/1140*						
32	2006/1159*						
33	2006/1177*						
34	2006/1198*						
35	2006/1281*						
36	2006/1328*						
37	2006/1360	<3,76	19,2 ± 7,9	4680 ± 220	<9,34	<13,7	24,6
38	2006/1378	<3,83	28,6 ± 8,0	5490 ± 250	<9,61	<14,3	33,3
39	2006/1396	<3,82	33,9 ± 7,3	5740 ± 260	<9,43	<14,1	29,8
40	2006/1491	<4,91	41,5 ± 11,3	4270 ± 200	<11,8	<17,7	39,0
41	2006/1509	<2,71	19,0 ± 5,6	4200 ± 190	<6,77	<8,42	22,2
42	2006/1583	<4,34	35,9 ± 9,3	4120 ± 190	10,4 ± 4,0	<15,5	41,5
43	2006/1668	<5,25	<59,7	3690 ± 180	7,29 ± 4,39	<18,6	37,3
44	2006/1683	<3,68	25,0 ± 6,9	5300 ± 250	12,9 ± 3,7	<13,9	25,4
45	2006/1724	<4,45	34,0 ± 8,6	4310 ± 200	<10,9	<15,7	25,8
46	2006/1747	<5,63	<58,3	2320 ± 120	<10,0	<20,7	22,2
47	2006/1774	<4,08	21,5 ± 8,3	1490 ± 80	15,0 ± 4,5	<14,3	49,2
48	2006/1890	<2,96	25,7 ± 6,0	1290 ± 60	<7,05	<10,6	34,8
49	2006/1908	<3,14	<31,8	1850 ± 90	<7,98	<10,7	43,3
50	2006/1923	<5,39	<61,0	1170 ± 70	<13,4	<19,3	29,3
51	2006/1938	1,41 ± 0,67	21,8 ± 7,1	1570 ± 80	<8,86	<12,2	28,9
52	2006/1971	<3,71	35,0 ± 7,0	1840 ± 90	<8,50	<12,7	38,1

Table 151 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0012	<3,94	<39,7	1380 ± 70	<9,33	<13,8	29,0
2	2007/0025	1,35 ± 0,81	<42,3	1600 ± 80	<10,6	<15,8	18,9
3	2007/0045	<4,40	35,7 ± 9,8	2870 ± 140	<11,5	<14,2	18,5
4	2007/0084	<3,85	12,2 ± 8,1	2680 ± 130	<10,5	<14,5	21,2
5	2007/0127	<3,99	23,5 ± 7,6	1740 ± 90	<10,3	<10,2	18,7
6	2007/0161	<3,65	23,8 ± 7,2	1440 ± 70	<9,59	<13,6	17,8
7	2007/0176	<3,95	<41,9	1740 ± 90	<10,2	<14,3	20,4
8	2007/0193	<3,77	21,6 ± 7,6	1860 ± 90	<9,80	<13,1	27,1
9	2007/0209	<3,87	35,5 ± 8,1	2160 ± 100	<10,1	<13,0	36,5
10	2007/0277	<3,81	<41,2	1980 ± 100	<9,85	<14,3	18,8
11	2007/0297	<3,01	19,2 ± 6,6	2520 ± 120	<7,89	<10,3	27,0
12	2007/0332	<5,03	<60,3	2720 ± 130	<12,8	<18,5	29,9
13	2007/0414	<3,32	38,8 ± 8,7	3150 ± 150	<9,26	<11,1	33,7
14	2007/0431	<3,91	36,9 ± 8,7	4780 ± 220	<10,2	<14,1	45,1
15	2007/0456	<4,91	<55,5	3340 ± 160	<12,9	<16,1	30,4
16	2007/0487	<3,81	37,0 ± 9,4	4580 ± 210	<9,91	<14,1	46,9
17	2007/0502	1,93 ± 0,74	28,1 ± 7,4	4810 ± 220	<10,7	<13,5	38,2
18	2007/0571	<4,02	37,4 ± 10,2	4910 ± 220	<10,4	<12,5	38,3
19	2007/0586	<3,83	25,0 ± 7,4	3450 ± 160	<9,90	<12,4	27,2
20	2007/0631	<3,95	<42,6	2970 ± 140	<11,0	<14,6	22,1
21	2007/0656	<3,71	16,9 ± 7,9	3580 ± 170	<9,89	<13,1	30,5
22	2007/0734	<3,83	18,7 ± 7,4	4220 ± 200	<10,0	<13,3	30,6
23	2007/0782	<3,66	40,0 ± 7,8	2000 ± 100	<9,71	<13,7	18,7
24	2007/0798	<4,98	<50,8	6140 ± 290	<12,7	<18,4	22,9
25	2007/0831	<3,67	29,1 ± 5,7	4010 ± 190	<10,0	<12,9	24,0
26	2007/0846	1,62 ± 0,46	<50,6	3350 ± 160	<12,9	<18,8	23,0

Table 152 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0930	<5,06	<55,5	3390 ± 170	<13,4	<17,0	21,2
28	2007/0947	<5,28	<57,9	3110 ± 150	<14,3	<18,3	15,6
29	2007/1022	<4,36	15,6 ± 8,7	3490 ± 170	<11,4	<13,9	20,9
30	2007/1097	<3,96	37,4 ± 7,9	4940 ± 230	<10,3	<12,1	34,0
31	2007/1127	<3,95	12,6 ± 7,6	3230 ± 150	<10,0	<13,3	17,9
32	2007/1160	<4,95	<52,9	3350 ± 160	<13,4	<14,8	22,3
33	2007/1175	<3,85	32,8 ± 8,1	3780 ± 180	<10,6	<13,0	24,3
34	2007/1243	<3,63	41,8 ± 8,1	3930 ± 180	15,3 ± 4,8	<12,9	25,9
35	2007/1258	<4,98	<48,3	3920 ± 190	<13,4	<16,5	27,8
36	2007/1292	<5,33	<53,9	2930 ± 150	<15,2	<16,7	19,5
37	2007/1311	<4,98	<59,6	1300 ± 70	<13,7	<17,0	10,4
38	2007/1359	<4,37	21,2 ± 8,5	4160 ± 200	<11,9	<13,2	22,9
39	2007/1427	<4,54	65,0 ± 12,2	4080 ± 190	<13,1	<17,4	28,0
40	2007/1454	<3,49	39,2 ± 8,5	3100 ± 150	<9,32	<12,2	24,0
41	2007/1495	<3,96	60,9 ± 9,9	2560 ± 120	<10,4	<13,6	30,3
42	2007/1515	<5,05	49,0 ± 12,0	2690 ± 130	<13,0	<18,1	37,5
43	2007/1548	<3,83	31,6 ± 9,6	1830 ± 90	<9,95	<14,3	21,3
44	2007/1635	<6,01	41,6 ± 13,8	907 ± 57	<16,6	<21,9	26,9
45	2007/1659	<4,24	44,6 ± 10,6	1310 ± 70	<11,4	<14,7	18,8
46	2007/1734	<3,81	45,1 ± 9,6	941 ± 50	<10,3	<13,6	8,45
47	2007/1805	<3,76	51,7 ± 8,8	1070 ± 60	<9,86	<13,4	26,4
48	2007/1853	<3,73	70,0 ± 11,1	2120 ± 100	<10,3	<13,0	31
49	2007/1868	1,69 ± 0,91	40,4 ± 9,8	2230 ± 110	<10,7	<14,0	31,5
50	2007/1911	<5,53	41,1 ± 12,4	1010 ± 60	<14,5	<19,6	23,8
51	2007/1955	<5,19	<69,1	1850 ± 100	<13,9	<19,8	40,1
52	2007/1970	<5,95	53,0 ± 12,4	2870 ± 140	<15,0	<19,8	48,3

Table 153 Aerosol activity (gamma spectrometry) - SDS Nemčiňany , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0010	<4,35	73,8 ± 21,3	1770 ± 160	<9,98	<15,3	40,4
2	2008/0026	<4,29	55,7 ± 24,0	2110 ± 180	<9,65	<15,5	23,9
3	2008/0041	1,28 ± 1,40	54,7 ± 19,5	2430 ± 200	<10,3	<14,4	27,9
4	2008/0056	<3,69	40,3 ± 20,6	1760 ± 150	<7,79	<13,9	21,3
5	2008/0126	<3,70	58,3 ± 19,8	1960 ± 160	<8,93	<12,9	30,8
6	2008/0141	<5,77	52,5 ± 29,9	2380 ± 220	<14,1	<12,3	30,5
7	2008/0168	<2,29	<38,5	2300 ± 200	<8,11	<10,4	33,9
8	2008/0238	<4,47	50,8 ± 25,8	2460 ± 210	<11,9	<16,3	33,9
9	2008/0305	<2,54	<40,9	4070 ± 340	<8,84	<10,4	42,3
10	2008/0334	<4,38	29,1 ± 22,1	3700 ± 290	<11,6	<15,9	22,8
11	2008/0374	<3,62	46,6 ± 18,6	3290 ± 260	<10,0	<10,4	31,4
12	2008/0403	<2,59	<47,4	3540 ± 290	<9,29	<12,3	15,2
13	2008/0419	<1,82	<27,3	2190 ± 180	<6,27	<8,17	17,9
14	2008/0505	<3,02	<44,2	6010 ± 480	<9,36	<12,2	24,8
15	2008/0524	<2,13	<38,4	2850 ± 240	<8,07	<10,5	26,6
16	2008/0541	<3,90	71,1 ± 22,8	3390 ± 270	<10,7	<15,0	30,3
17	2008/0612	<2,46	<46,2	2390 ± 210	<8,33	<11,0	18,7
18	2008/0630	1,36 ± 0,99	54,6 ± 15,7	6550 ± 500	<6,02	<7,14	31,5
19	2008/0649	<2,11	<38,3	3480 ± 280	<7,72	<10,2	24,5
20	2008/0672	<3,16	<51,2	6310 ± 490	<11,6	<13,4	48,5
21	2008/0706	<2,89	74,6 ± 17,9	2960 ± 230	16,5 ± 7,6	<10,2	21,2
22	2008/0784	<3,01	49,7 ± 17,5	2090 ± 170	<7,95	<10,6	20,3
23	2008/0807	<1,87	43,4 ± 14,6	6300 ± 490	<6,23	<7,71	29,9
24	2008/0852	<4,03	<52,4	3960 ± 320	<10,4	<14,8	15,7
25	2008/0869	<2,64	58,6 ± 21,4	2840 ± 230	<8,98	<12,4	13,0
26	2008/0965	<1,75	53,7 ± 14,6	3990 ± 310	<6,28	<7,96	16,0

Table 154 Aerosol activity (gamma spectrometry) - SDS Nemčiňany, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0987	<2,09	<40,3	4050 ± 330	<7,30	<9,61	16,2
28	2008/1069	<2,85	<46,1	4190 ± 340	<9,33	<12,2	14,5
29	2008/1093	<2,27	<39,1	2960 ± 250	<7,47	<10,5	23,4
30	2008/1108	<2,88	51,7 ± 16,8	3200 ± 250	<7,64	<10,1	26,8
31	2008/1176	<1,89	<28,5	3710 ± 290	<6,44	<7,59	19,1
32	2008/1191	<2,88	41,9 ± 14,4	4260 ± 330	10,4 ± 7,2	<9,82	25,1
33	2008/1218	<1,73	38,0 ± 12,1	3740 ± 290	<5,90	<7,64	21,3
34	2008/1243	<2,99	48,6 ± 16,4	3590 ± 280	7,72 ± 6,37	<9,88	17,9
35	2008/1289	<1,68	48,9 ± 14,5	2820 ± 220	<5,57	<7,04	20,0
36	2008/1366	<2,95	<48,0	3850 ± 320	<9,52	<12,5	25,4
37	2008/1404	<1,80	60,1 ± 16,3	5320 ± 410	<6,39	<8,52	41,5
38	2008/1419	<2,52	74,4 ± 24,7	2500 ± 210	<8,97	<11,5	37,4
39	2008/1506	<2,59	<38,5	1240 ± 120	<8,45	<11,5	26,1
40	2008/1523	<2,27	<31,3	3430 ± 400	<7,72	<10,0	26,2
41	2008/1559	<2,06	39,5 ± 14,7	2510 ± 210	11,7 ± 6,8	<9,30	18,9
42	2008/1579	<1,61	43,2 ± 15,2	1550 ± 140	<8,42	<11,6	28,8
43	2008/1601	<2,62	27,9 ± 13,9	2690 ± 210	14,2 ± 6,0	<9,63	29,6
44	2008/1649	<2,83	<31,0	2730 ± 220	<6,86	<9,83	31,3
45	2008/1722	<2,61	21,7 ± 12,1	3120 ± 240	18,1 ± 6,5	<7,99	21,8
46	2008/1747	1,21 ± 0,95	32,0 ± 14,1	3990 ± 320	13,5 ± 5,7	<9,79	35,7
47	2008/1762	<3,75	<28,3	2490 ± 200	<7,40	<10,9	33,1
48	2008/1839	<2,73	<30,0	1790 ± 150	<7,20	<10,4	20,4
49	2008/1879	<2,73	20,4 ± 12,3	1900 ± 160	<6,96	<9,90	17,9
50	2008/1899	<2,62	<35,0	1360 ± 170	<8,81	<11,6	17,9
51	2008/1944	<3,26	32,2 ± 15,4	2790 ± 230	<7,88	<11,9	14,5
52	2008/2061	<3,33	88,8 ± 27,2	1710 ± 210	<9,80	<14,7	11,9

Table 155 Aerosol activity (gamma spectrometry) - SDS Nemčiňany , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0011	<2,08	<2,05	23,4 ± 10,4	2110 ± 107	<9,80	<14,8	19,4
2	2005/0026	<2,38	<2,25	<19,9	1640 ± 90	<10,1	<14,6	22,6
3	2005/0047	<1,91	<2,06	<19,2	2080 ± 105	<8,83	<13,1	24,8
4	2005/0061	<1,79	<1,87	<18,2	1190 ± 59	<10,3	<14,4	16,9
5	2005/0131	<2,72	<2,56	<25,8	1660 ± 93	<11,9	<18,0	26,8
6	2005/0162	<2,83	<2,92	<28,8	5120 ± 248	<13,9	<20,0	47,8
7	2005/0196	<2,87	<2,53	<29,4	996 ± 58	<13,1	<19,1	48,4
8	2005/0261	<2,70	<2,56	<24,3	1360 ± 76	<13,5	<19,2	26,0
9	2005/0276	<2,56	<2,51	40,0 ± 11,3	1860 ± 96	<13,0	<19,4	30,3
10	2005/0311	<2,22	<2,14	34,4 ± 11,4	2860 ± 140	<11,2	<16,3	33,8
11	2005/0338	<2,50	<2,56	<26,0	2840 ± 146	<12,0	<17,3	26,7
12	2005/0355	<2,75	<2,61	<26,1	4730 ± 226	<13,5	<19,3	31,5
13	2005/0383	<2,43	<2,32	<24,9	4480 ± 216	<14,6	<17,9	50,1
14	2005/0402	<2,80	<2,58	53,2 ± 14,6	6420 ± 301	<13,5	<19,8	52,5
15	2005/0434	<2,26	<2,25	40,7 ± 9,8	5840 ± 271	10,8 ± 4,1	<16,0	47,7
16	2005/0495	<2,25	<2,19	98,3 ± 10,9	3930 ± 188	<11,3	<17,1	34,8
17	2005/0561	<2,98	<2,73	<26,7	4260 ± 208	<13,1	<20,4	25,8
18	2005/0644	<3,16	<2,91	<30,2	5300 ± 256	<14,1	<21,6	35,6
19	2005/0671	<2,21	<2,28	29,4 ± 11,3	3440 ± 166	<9,96	<16,1	18,9
20	2005/0704	<2,55	<2,28	<22,0	3170 ± 159	<12,9	<20,1	21,8
21	2005/0758	<2,33	<2,51	<28,3	4700 ± 229	15,9 ± 6,3	<20,5	24,8
22	2005/0825	<2,36	<2,21	<23,9	5240 ± 247	21,0 ± 5,1	<17,2	28,8
23	2005/0864	<2,42	<2,23	<23,4	3950 ± 190	<11,1	<17,1	18,9
24	2005/0884	<2,34	<2,20	<25,4	4840 ± 230	<11,0	<16,0	20,8
25	2005/0916	<2,50	<2,28	<27,2	5060 ± 247	<13,7	<19,4	24,8
26	2005/01013	<2,51	<2,19	<25,2	5540 ± 266	<12,9	<19,2	26,7

Table 156 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1033	<2,21	<2,07	<24,5	3150 ± 156	<11,0	<15,4	18,0
28	2005/1064	<2,38	<2,19	<22,5	4050 ± 200	<11,6	<16,3	22,8
29	2005/1082	<2,50	<2,31	<22,5	6120 ± 296	<12,9	<18,6	24,8
30	2005/1098	<2,51	<2,20	<22,4	2370 ± 120	<11,6	<17,2	24,0
31	2005/1170	<2,07	<1,99	14,8 ± 7,5	2490 ± 119	<10,0	<13,0	39,5
32	2005/1201	<2,36	<2,36	<25,5	2360 ± 120	<11,8	<16,3	13,9
33	2005/1249	<1,97	<1,84	<21,0	1940 ± 98	<9,95	<14,0	14,8
34	2005/1375	<2,19	<2,06	32,8 ± 9,1	3660 ± 171	<9,65	<13,4	18,5
35	2005/1390	<2,11	<2,12	39,7 ± 10,1	5470 ± 257	<11,5	<14,4	19,6
36	2005/1428	<2,27	<2,06	36,5 ± 11,3	4670 ± 228	<10,8	<15,3	26,9
37	2005/1449	<2,37	<2,16	35,9 ± 11,7	4710 ± 225	<10,3	<14,7	30,0
38	2005/1464	<2,19	<2,26	<25,3	2920 ± 153	<11,8	<16,9	11,3
39	2005/1527	<2,47	<2,14	55,9 ± 11,9	4610 ± 221	<11,7	<17,2	21,9
40	2005/1555	<2,58	<2,46	<25,5	3150 ± 163	<12,5	<18,6	17,8
41	2005/1599	<2,17	<2,29	28,5 ± 12,5	4880 ± 230	<11,6	<16,6	32,7
42	2005/1618	<2,12	<2,10	<22,0	2080 ± 102	<9,50	<14,1	20,9
43	2005/1639	<2,36	<2,26	<21,8	2350 ± 128	<12,4	<17,7	23,7
44	2005/1731	<2,30	<2,28	<24,5	3230 ± 158	<12,4	<17,3	33,9
45	2005/1785	<2,42	<2,40	<25,2	1650 ± 94	<12,6	<18,3	54,4
46	2005/1891	<2,54	<2,57	<25,3	1080 ± 63	<12,6	<19,0	45,1
47	2005/1906	<2,48	<2,38	<25,6	1350 ± 76	<11,5	<18,5	21,8
48	2005/1999	<2,13	<2,02	<22,1	714 ± 41	<9,92	<15,3	22,8
49	2005/2037	<1,80	<1,67	26,5 ± 6,7	676 ± 38	<7,27	<11,0	19,9
50	2005/2063	<2,35	<2,23	49,7 ± 11,2	2780 ± 138	<11,5	<17,0	34,8
51	2005/2129	<2,51	<2,39	28,9 ± 8,8	1940 ± 100	<12,2	<17,6	15,9
52	2005/2144	<2,40	<2,12	<24,3	1480 ± 83	<11,1	<17,1	21,6

Table 157 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0012	<5,08	<52,5	406 ± 31	<13,3	<16,7	20,8
2	2006/0027	1,77 ± 0,75	<45,4	5630 ± 260	<13,7	<15,6	30,4
3	2006/0043	<7,11	<73,3	2350 ± 130	<18,7	<24,7	45,6
4	2006/0059	<6,57	27,2 ± 11,4	3170 ± 160	<16,5	<22,4	40,8
5	2006/0074	<6,16	54,1 ± 14,8	3430 ± 170	<17,7	<23,8	54,3
6	2006/0089	<5,69	31,7 ± 13,1	1890 ± 100	<15,6	<21,0	55,0
7	2006/0107	<5,47	<59,5	1430 ± 80	<14,9	<18,6	34,7
8	2006/0136	<5,74	<60,2	1530 ± 80	<14,5	<21,0	30,8
9	2006/0154	<4,87	16,0 ± 10,3	2040 ± 100	<12,4	<16,8	29,0
10	2006/0267	<5,84	<67,2	3020 ± 150	<16,1	<23,1	24,7
11	2006/0305	<4,94	<53,5	2580 ± 130	<11,7	<17,4	33,2
12	2006/0374	<4,92	<51,5	1960 ± 100	<11,1	<17,8	42,4
13	2006/0399	<4,82	<49,6	1570 ± 80	<11,9	<17,1	36,8
14	2006/0421	<4,45	<48,1	3090 ± 150	11,5 ± 5,3	<16,1	12,7
15	2006/0452	<4,96	<51,9	4550 ± 220	<12,6	<17,2	31,6
16	2006/0517	<3,20	19,2 ± 6,0	4060 ± 190	<8,20	<10,3	22,1
17	2006/0540	<5,75	<66,4	4900 ± 240	8,67 ± 5,93	<21,8	34,8
18	2006/0601	<4,74	<52,6	3670 ± 170	<12,1	<18,4	32,4
19	2006/0651	<4,95	<47,8	4230 ± 200	<12,2	<18,4	26,6
20	2006/0688	<3,76	37,0 ± 10,1	5830 ± 270	8,96 ± 4,34	<13,7	39,2
21	2006/0719	<6,29	<66,1	5230 ± 250	<15,6	<22,6	21,3
22	2006/0783	1,75 ± 0,88	<55,1	3830 ± 180	<12,9	<17,6	11,2
23	2006/0800	<3,55	<38,8	2890 ± 140	<9,76	<12,5	13,5
24	2006/0819	<5,14	<59,5	4690 ± 220	<13,8	<19,7	17,0
25	2006/0854	<4,42	<49,4	6720 ± 310	15,3 ± 5,2	<13,4	27,0
26	2006/0870	<4,87	<53,6	5550 ± 260	<12,6	<17,8	24,8

Table 158 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0937**	<5,45	<62,5	5530 ± 260	<11,2	<20,0	14,9
28	**2006/0973**	<4,35	<53,6	7960 ± 370	21,4 ± 5,1	<15,4	23,9
29	**2006/0988**	<4,03	14,4 ± 8,0	6470 ± 300	<10,4	<14,5	20,9
30	**2006/1114**	<3,93	36,1 ± 8,3	6460 ± 300	<9,48	<12,5	30,5
31	**2006/1141**	<4,84	22,3 ± 8,2	6580 ± 310	<12,0	<17,4	27,2
32	**2006/1160**	<4,14	21,6 ± 8,4	2280 ± 110	<9,89	<15,0	11,1
33	**2006/1178**	<5,03	<52,2	3220 ± 150	<12,2	<17,7	13,6
34	**2006/1199**	<5,02	<50,4	4720 ± 220	<12,7	<17,5	17,0
35	**2006/1282**	<3,79	<38,8	2970 ± 140	<8,91	<13,5	12,7
36	**2006/1329**	<3,18	14,9 ± 5,6	2930 ± 140	<7,42	<9,97	11,1
37	**2006/1361**	<3,42	<39,3	3620 ± 170	<8,44	<13,1	19,4
38	**2006/1379**	1,68 ± 0,61	32,9 ± 7,0	4940 ± 230	<7,01	<10,6	26,6
39	**2006/1397**	<3,85	37,4 ± 9,3	4760 ± 220	<9,08	<12,1	21,3
40	**2006/1492**	<5,66	<57,9	4570 ± 220	<14,3	<21,7	29,6
41	**2006/1510**	<3,65	46,0 ± 8,7	3100 ± 150	<9,18	<13,8	11,9
42	**2006/1584**	<5,28	<58,1	4290 ± 210	<12,9	<20,2	31,2
43	**2006/1669**	<3,00	33,8 ± 6,8	2730 ± 130	16,4 ± 3,5	<11,3	34,8
44	**2006/1684**	<4,10	<42,5	5100 ± 240	11,6 ± 3,8	<14,8	17,8
45	**2006/1725**	1,96 ± 0,69	<46,8	4050 ± 190	<10,7	<15,8	16,8
46	**2006/1748**	<3,63	<38,2	2350 ± 110	<8,10	<12,3	18,9
47	**2006/1775**	<2,91	<33,2	1210 ± 60	<7,72	<10,0	45,9
48	**2006/1891**	<3,70	27,0 ± 7,5	1020 ± 50	12,3 ± 3,5	<13,7	28,8
49	**2006/1909**	<3,71	23,7 ± 6,9	1630 ± 80	<9,27	<12,6	36,7
50	**2006/1924**	<5,16	<57,2	969 ± 55	<12,4	<18,4	24,5
51	**2006/1939**	1,20 ± 0,68	<37,2	1560 ± 80	<9,02	<13,4	23,0
52	**2006/1972**	1,01 ± 0,53	25,4 ± 6,1	1750 ± 80	<8,29	<11,2	30,5

Table 159 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0013	<5,30	<64,9	1140 ± 70	<13,4	<20,5	24,7
2	2007/0026	<4,49	<51,4	1300 ± 70	<11,8	<16,1	14,8
3	2007/0046	<4,27	<44,6	2180 ± 110	<11,0	<15,2	14,5
4	2007/0085	<5,62	<70,6	2400 ± 130	<14,5	<20,6	17,8
5	2007/0128	<3,14	<33,0	1450 ± 70	<8,43	<11,5	13,6
6	2007/0162	<3,71	<37,9	1280 ± 60	<9,53	<12,6	12,8
7	2007/0177	<3,74	22,6 ± 8,1	1500 ± 70	<10,0	<14,3	16,2
8	2007/0194	<3,80	<41,6	1460 ± 70	<9,75	<14,0	20,3
9	2007/0210	<3,73	29,4 ± 7,6	2100 ± 100	<10,1	<14,5	27,4
10	2007/0278	<4,94	<52,4	1660 ± 80	<11,8	<16,8	14,5
11	2007/0298	<5,79	<63,2	2240 ± 120	<14,7	<21,1	22,9
12	2007/0333	<4,60	<17,1 ± 9,7	2390 ± 120	<11,8	<16,6	22,2
13	2007/0415	<5,22	<57,9	2760 ± 140	<13,2	<19,7	28,1
14	2007/0432	<3,80	<41,9	4070 ± 190	<10,1	<13,4	35,0
15	2007/0457	<4,06	35,4 ± 9,7	3070 ± 150	21,1 ± 4,9	<12,8	24,5
16	2007/0488	<3,19	23,1 ± 6,4	4110 ± 190	<8,39	<11,1	34,2
17	2007/0503	<3,89	19,5 ± 8,0	4140 ± 190	<10,9	<14,5	26,5
18	2007/0572	<3,91	19,9 ± 8,3	4090 ± 190	<10,0	<14,2	36,5
19	2007/0587	<3,25	15,5 ± 7,0	2750 ± 130	<9,06	<11,2	22,3
20	2007/0632	<3,94	<43,3	2540 ± 120	<10,3	<13,9	17,9
21	2007/0657	<3,35	29,2 ± 7,8	2900 ± 140	<8,64	<11,1	28,0
22	2007/0735	<4,02	<42,8	3790 ± 180	<10,4	<12,9	30,0
23	2007/0783	<3,65	25,6 ± 8,0	1700 ± 80	<9,78	<13,1	13,6
24	2007/0799	<3,84	35,8 ± 7,6	4920 ± 230	<9,82	<13,9	17,0
25	2007/0832	<3,72	14,3 ± 7,6	3570 ± 170	<9,88	<12,8	16,2
26	2007/0847	<4,28	<44,7	2830 ± 140	<10,8	<13,9	16,0

Table 160 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2007/0931**	<3,87	<41,7	2800 ± 140	<10,8	<13,7	17,3
28	**2007/0948**	<4,61	<51,8	2640 ± 130	<12,8	<16,6	11,2
29	**2007/1023**	<4,13	23,6 ± 9,0	2860 ± 140	13,8 ± 5,7	<13,5	14,0
30	**2007/1098**	<3,53	18,9 ± 7,3	4240 ± 200	<8,53	<12,0	25,4
31	**2007/1128**	<3,46	21,7 ± 7,4	2820 ± 130	<8,56	<11,9	14,5
32	**2007/1161**	<3,41	<40,0	2690 ± 130	<8,30	<11,8	14,5
33	**2007/1176**	<4,24	<49,0	3160 ± 150	<11,3	<16,0	18,7
34	**2007/1244**	<4,40	44,4 ± 9,0	3150 ± 150	<11,6	<13,5	21,9
35	**2007/1259**	<4,88	<56,1	3460 ± 170	<13,4	<16,3	21,8
36	**2007/1293**	<3,31	19,2 ± 6,3	2640 ± 130	<9,40	<10,9	15,8
37	**2007/1312**	<4,46	<44,6	1050 ± 60	<11,3	<14,8	17,0
38	**2007/1360**	<3,71	26,4 ± 7,7	3420 ± 160	<10,1	<12,2	16,9
39	**2007/1428**	<3,52	48,0 ± 9,2	3200 ± 150	<10,2	<13,8	18,7
40	**2007/1455**	<4,00	42,0 ± 9,4	2550 ± 120	<10,6	<13,8	22,2
41	**2007/1496**	<3,82	56,1 ± 9,7	2410 ± 120	<10,3	<13,7	22,1
42	**2007/1516**	<4,81	<61,6	2390 ± 120	<12,0	<15,5	32,4
43	**2007/1549**	<5,93	52,1 ± 11,7	1730 ± 90	<15,4	<20,8	19,5
44	**2007/1636**	<3,87	<46,1	917 ± 50	<9,12	<13,3	22,8
45	**2007/1660**	<5,04	51,9 ± 13,0	1230 ± 70	<13,4	<17,7	14,5
46	**2007/1735**	<3,39	26,1 ± 8,8	826 ± 45	<8,79	<12,4	6,80
47	**2007/1806**	<3,87	35,1 ± 9,4	964 ± 53	<10,3	<13,4	22,2
48	**2007/1854**	<4,41	50,7 ± 12,5	1870 ± 90	<12,0	<15,1	27,8
49	**2007/1869**	<5,64	62,4 ± 12,8	1820 ± 100	<15,1	<20,8	23,9
50	**2007/1912**	<4,42	<47,9	838 ± 48	<11,9	<15,7	19,3
51	**2007/1956**	<4,35	42,6 ± 11,3	1540 ± 80	<10,9	<15,4	28,3
52	**2007/1971**	<4,33	<54,8	2510 ± 120	<12,0	<15,3	41,1

Table 161 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0011	<4,40	68,2 ± 25,4	1510 ± 130	<9,02	<14,9	32,5
2	2008/0027	<3,63	60,6 ± 21,1	1850 ± 160	<9,52	<13,0	21,9
3	2008/0042	<2,95	43,2 ± 17,5	2080 ± 170	<7,71	<10,4	23,0
4	2008/0057	<2,10	<31,1	2070 ± 180	<6,92	<9,02	18,7
5	2008/0127	<1,95	<33,2	2120 ± 180	<7,35	<8,76	18,7
6	2008/0142	<1,57	45,4 ± 14,4	2440 ± 200	<5,85	<7,26	25,5
7	2008/0169	<1,86	41,2 ± 16,2	1860 ± 150	<6,29	<8,41	23,8
8	2008/0239	<1,67	52,9 ± 15,7	2630 ± 210	<6,91	<7,87	26,0
9	2008/0306	<2,44	<38,1	3470 ± 290	<8,32	<10,2	30,4
10	2008/0335	<2,15	63,3 ± 19,6	4000 ± 320	<7,85	<9,71	17,9
11	2008/0375	<2,34	<37,9	3560 ± 290	<8,77	<10,4	25,5
12	2008/0404	<1,57	<26,7	3020 ± 240	<5,84	<7,29	10,2
13	2008/0420	<2,82	<39,4	1870 ± 160	<9,00	<11,8	11,8
14	2008/0506	<1,78	<29,1	4910 ± 380	<6,05	<7,63	18,9
15	2008/0525	<1,74	30,6 ± 13,2	2540 ± 200	<6,17	<7,79	19,7
16	2008/0542	<4,12	46,0 ± 23,1	2880 ± 230	<11,2	<14,9	23,7
17	2008/0613	<3,34	42,5 ± 17,3	2180 ± 180	<9,24	<12,2	16,4
18	2008/0631	<3,78	43,0 ± 22,1	4890 ± 380	<10,7	<13,6	26,3
19	2008/0650	<3,58	43,8 ± 19,2	2670 ± 210	<9,37	<13,1	23,0
20	2008/0673	<2,28	<37,5	4150 ± 330	<7,86	<10,1	28,9
21	2008/0707	<1,78	44,0 ± 14,9	3560 ± 280	<6,47	<8,31	21,3
22	2008/0785	<2,62	57,7 ± 15,2	1960 ± 160	<6,97	<8,81	29,8
23	2008/0808	<1,75	<29,3	6070 ± 470	<5,67	<7,95	31,5
24	2008/0853	<2,32	<43,1	4340 ± 360	<8,16	<11,8	17,9
25	2008/0870	<2,60	<42,9	2930 ± 240	<8,88	<12,0	14,0
26	2008/0966	<2,87	49,3 ± 17,4	3630 ± 280	<7,47	<10,5	14,4

Table 162 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička M. Kozmálovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0988	<1,98	<37,4	4060 ± 330	<7,52	<9,36	15,4
28	2008/1070	<2,34	<33,9	4390 ± 350	<7,07	<10,2	16,2
29	2008/1094	<2,30	<35,0	3310 ± 270	<7,44	<10,2	20,5
30	2008/1109	<2,87	47,2 ± 16,6	3230 ± 250	<7,43	<10,0	16,9
31	2008/1177	<2,21	<35,8	3900 ± 310	<7,07	<9,49	16,3
32	2008/1192	<2,85	38,8 ± 17,1	4400 ± 340	<7,47	<10,5	20,3
33	2008/1219	<2,22	<37,5	4050 ± 330	<7,31	<9,61	18,7
34	2008/1244	<2,90	55,2 ± 16,4	3580 ± 280	12,3 ± 7,4	<9,69	17,9
35	2008/1290	<2,31	<36,7	3160 ± 260	<7,69	<10,2	17,0
36	2008/1367	<2,32	<39,3	3200 ± 260	9,24 ± 7,85	<10,2	20,4
37	2008/1405	<2,24	83,4 ± 20,4	5130 ± 400	<7,34	<9,58	42,8
38	2008/1420	<2,62	<43,1	2790 ± 240	<8,42	<11,3	17,1
39	2008/1507	<2,56	<35,8	1180 ± 110	<8,56	<11,4	13,4
40	2008/1524	<2,47	<31,4	3560 ± 290	16,6 ± 6,6	<10,1	17,8
41	2008/1560	2,35 ± 1,95	<33,1	2140 ± 180	<8,88	<11,3	11,9
42	2008/1580	<1,58	32,5 ± 17,0	1710 ± 140	<8,12	<11,3	24,8
43	2008/1602	<2,59	35,9 ± 13,3	2590 ± 200	13,2 ± 5,8	<7,00	26,7
44	2008/1650	<2,39	<27,6	2540 ± 200	<5,90	<8,88	29,9
45	2008/1723	<2,27	<33,0	3190 ± 260	<8,90	<12,3	24,7
46	2008/1748	<2,58	31,9 ± 13,6	3330 ± 260	11,2 ± 4,9	<9,66	34,4
47	2008/1763	1,35 ± 1,62	<28,7	2840 ± 230	<7,68	<10,2	27,1
48	2008/1840	<2,89	<31,3	1670 ± 140	<8,71	<10,0	10,9
49	2008/1880	<2,58	45,4 ± 13,9	2080 ± 170	18,2 ± 6,6	<8,97	15,9
50	2008/1900	<2,53	53,2 ± 21,7	1370 ± 180	<8,09	<11,2	15,3
51	2008/1945	<3,09	<34,9	2410 ± 200	<7,42	<11,2	13,6
52	2008/2062	<2,74	85,7 ± 24,7	1410 ± 170	<9,38	<12,1	9,90

Table 163 Aerosol activity (gamma spectrometry) - SDS M. Kozmálovce , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0012	<2,15	<2,06	80,6 ± 15,5	2030 ± 104	<9,77	<14,2	22,2
2	2005/0027	<2,42	<2,15	<21,3	1360 ± 79	<10,6	<15,7	26,1
3	2005/0048	<2,54	<2,46	39,9 ± 10,9	2020 ± 110	<11,9	<17,6	29,7
4	2005/0063	<2,42	<2,26	<24,2	1590 ± 84	<9,03	<13,4	17,8
5	2005/0132	<2,32	1,37 ± 0,86	34,7 ± 10,3	1480 ± 76	<11,5	<15,6	29,6
6	2005/0163	<3,22	<3,21	<37,5	4240 ± 212	<17,0	<23,8	59,3
7	2005/0197	<2,60	<2,43	<28,1	923 ± 54	<11,3	<17,4	55,3
8	2005/0262	<2,48	<2,63	<27,7	1150 ± 68	<13,8	<19,0	28,6
9	2005/0277	<2,20	<2,06	30,1 ± 9,7	1780 ± 89	<10,5	<14,9	34,9
10	2005/0312	<1,92	<1,77	27,6 ± 8,5	3050 ± 145	<11,2	<15,8	31,8
11	2005/0339	<2,58	<2,50	<27,1	3020 ± 154	<11,6	<17,4	31,7
12	2005/0356	<2,71	<2,63	<28,5	5000 ± 238	<13,8	<20,1	33,8
13	2005/0384	<2,68	<2,67	<25,9	4180 ± 205	<12,8	<18,6	51,3
14	2005/0403	<2,42	<2,30	39,2 ± 13,8	5980 ± 280	14,3 ± 5,2	<16,5	49,7
15	2005/0435	<2,16	<2,25	36,4 ± 9,5	5670 ± 263	<11,3	<15,0	43,7
16	2005/0496	<2,30	<2,15	<25,1	3610 ± 174	<10,8	<16,8	36,7
17	2005/0562	<2,85	<2,90	<29,1	4680 ± 228	<14,1	<21,9	27,7
18	2005/0645	<3,17	<2,94	<29,4	5180 ± 252	<14,3	<22,0	29,7
19	2005/0672	<2,28	<2,32	<23,2	3380 ± 163	<10,5	<15,3	17,9
20	2005/0705	<2,40	<2,29	<22,0	3180 ± 160	<11,1	<19,2	19,8
21	2005/0759	<2,56	<2,36	<27,0	5120 ± 247	17,4 ± 6,1	<19,9	24,8
22	2005/0826	<2,30	<2,26	38,7 ± 11,6	5440 ± 255	<11,8	<16,4	35,7
23	2005/0865	<2,74	<2,24	<25,9	6340 ± 312	15,0 ± 6,0	<20,0	23,8
24	2005/0885	<2,50	<2,16	<23,7	4830 ± 230	<11,0	<16,6	21,8
25	2005/0917	<2,30	<2,10	30,7 ± 8,4	5250 ± 244	<10,2	<14,3	25,8
26	2005/1014	<2,36	<2,35	<25,0	5670 ± 274	<13,7	<18,9	29,7

Table 164 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1034	<2,49	<2,18	<24,1	3320 ± 163	<11,2	<16,8	20,0
28	2005/1065	<2,61	<2,27	<24,6	4220 ± 210	<13,3	<16,9	28,7
29	2005/1083	<2,34	<2,16	<21,3	6270 ± 298	<11,5	<16,8	28,7
30	2005/1099	<2,38	<2,26	<26,0	3930 ± 187	<11,1	<15,9	31,0
31	2005/1171	<2,19	<2,10	26,9 ± 10,7	4920 ± 235	<12,0	<16,6	40,5
32	2005/1202	<2,45	<2,40	<22,3	2290 ± 124	<11,9	<18,9	11,9
33	2005/1250	<2,05	<2,11	<22,7	3480 ± 174	<11,2	<15,9	17,4
34	2005/1376	<2,35	<2,33	<22,3	3750 ± 183	<12,4	<17,5	18,5
35	2005/1391	<2,05	1,30 ± 0,73	26,9 ± 9,5	5400 ± 253	<11,0	<15,5	20,8
36	2005/1429	<2,18	<2,09	<26,2	4890 ± 238	<11,8	<16,8	26,9
37	2005/1450	<2,40	<2,13	<25,0	3610 ± 176	<11,0	<15,8	34,6
38	2005/1465	<2,19	<2,25	<23,8	3080 ± 158	<11,3	<16,3	13,1
39	2005/1528	<2,24	<2,11	53,7 ± 11,6	4030 ± 195	<11,2	<17,1	25,4
40	2005/1556	<2,41	<2,37	<25,2	2960 ± 154	<12,4	<18,2	21,8
41	2005/1600	<2,52	<2,45	<25,9	4310 ± 211	<13,2	<20,4	34,7
42	2005/1619	<1,96	<1,92	<20,8	2390 ± 114	<8,54	<11,3	25,8
43	2005/1640	<2,12	<2,19	<24,0	2510 ± 122	<10,7	<15,2	25,6
44	2005/1732	<2,38	2,66 ± 0,99	58,9 ± 11,9	3410 ± 161	<11,8	<16,2	30,5
45	2005/1786	<2,32	<2,37	<28,7	1740 ± 98	<13,0	<19,7	56,4
46	2005/1892	<2,22	<2,25	<23,9	1500 ± 77	<11,0	<18,0	52,0
47	2005/1907	<2,49	<2,43	<25,7	1510 ± 79	<12,6	<19,6	26,2
48	2005/2000	<1,83	<1,82	33,9 ± 7,3	1740 ± 85	<8,53	<13,5	23,3
49	2005/2038	<2,12	<2,06	<22,2	1490 ± 76	<9,59	<14,0	26,8
50	2005/2064	<2,30	<2,08	37,5 ± 11,1	2370 ± 118	<10,3	<16,0	35,8
51	2005/2130	<2,51	<2,49	<23,0	1830 ± 95	<11,3	<17,9	15,9
52	2005/2145	<2,40	<2,36	<28,2	1440 ± 82	<11,7	<16,2	21,6

Table 165 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0013	<5,43	<56,5	973 ± 58	11,7 ± 6,3	<17,7	22,0
2	2006/0028	<7,20	50,0 ± 14,5	5750 ± 280	<18,3	<25,3	32,7
3	2006/0044	<7,11	33,4 ± 14,7	1780 ± 110	<20,7	<24,5	47,6
4	2006/0060	<3,44	<39,6	2920 ± 140	<8,22	<12,1	49,5
5	2006/0075	<4,45	<51,3	2920 ± 140	<11,0	<16,6	61,2
6	2006/0090	<4,82	25,3 ± 7,8	1580 ± 80	<12,2	<16,8	59,6
7	2006/0108	<5,65	<61,2	1280 ± 70	<14,5	<19,9	36,7
8	2006/0137	<4,41	27,2 ± 8,2	1610 ± 80	<13,0	<16,1	33,7
9	2006/0155	<6,51	35,9 ± 12,4	1910 ± 100	<17,6	<23,6	32,3
10	2006/0268	<5,06	39,5 ± 8,6	2920 ± 140	<12,8	<17,5	28,1
11	2006/0306	<6,47	<73,5	2440 ± 130	<15,9	<23,2	39,2
12	2006/0375	<5,87	<72,5	1650 ± 90	<15,9	<22,1	49,2
13	2006/0400	<4,91	<54,8	1580 ± 80	<11,9	<15,5	40,2
14	2006/0422	<5,09	41,5 ± 12,5	3200 ± 160	<15,0	<21,5	16,1
15	2006/0453	<4,71	<51,0	4380 ± 210	<12,9	<17,7	35,0
16	2006/0518	<6,47	44,4 ± 14,9	4370 ± 210	<11,0	<22,2	25,5
17	2006/0541	<3,20	18,8 ± 6,6	4750 ± 220	<7,76	<12,5	36,5
18	2006/0602	<5,97	<71,0	3790 ± 190	<15,7	<22,2	28,9
19	2006/0652	<5,09	29,4 ± 9,8	6770 ± 310	<12,2	<16,7	39,9
20	2006/0689	<3,73	26,1 ± 6,9	5730 ± 260	11,7 ± 4,5	<14,0	36,6
21	2006/0718	<5,85	<62,2	5460 ± 260	<15,6	<22,1	20,9
22	2006/0784	<4,08	<43,7	3910 ± 180	17,7 ± 4,6	<12,5	14,0
23	2006/0801	<3,80	18,1 ± 7,4	3180 ± 150	<9,63	<13,3	13,5
24	2006/0820	<5,65	<57,5	4670 ± 220	<13,6	<19,2	19,3
25	2006/0855	<4,19	20,3 ± 8,9	6590 ± 300	11,6 ± 5,1	<15,0	28,9
26	2006/0871	<4,91	<53,8	5650 ± 260	<12,6	<17,4	26,5

Table 166 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0938**	<3,32	20,8 ± 5,6	5650 ± 260	<6,91	<11,9	16,3
28	**2006/0974**	<4,37	<46,9	8040 ± 370	<11,7	<15,1	25,9
29	**2006/0989**	<3,91	<39,4	6240 ± 290	<9,58	<12,7	22,3
30	**2006/1115**	<3,20	28,3 ± 6,9	6950 ± 320	17,3 ± 3,7	<10,8	36,4
31	**2006/1142**	<3,10	20,6 ± 6,1	6370 ± 300	11,8 ± 3,3	<10,3	29,7
32	**2006/1161**	<3,65	<41,3	2450 ± 120	<8,80	<13,9	11,9
33	**2006/1179**	<4,55	<47,9	3200 ± 150	<11,1	<15,4	16,1
34	**2006/1200**	<5,84	<62,4	4870 ± 230	<10,9	<21,8	22,1
35	**2006/1283**	<4,57	<47,6	3210 ± 150	<10,8	<16,3	14,4
36	**2006/1330**	<3,88	<40,4	3070 ± 140	<8,88	<14,1	15,4
37	**2006/1362**	<4,73	<49,6	3820 ± 180	<11,7	<17,2	21,0
38	**2006/1380**	<3,79	24,9 ± 8,7	4990 ± 230	<9,47	<13,7	32,6
39	**2006/1398**	<5,13	<53,1	4780 ± 220	<12,0	<17,1	25,5
40	**2006/1493**	<5,75	<59,9	4160 ± 200	<14,3	<21,9	38,9
41	**2006/1511**	<4,95	<52,0	3450 ± 170	<11,9	<17,5	17,9
42	**2006/1585**	<5,05	46,1 ± 11,1	4190 ± 200	11,1 ± 4,6	<15,9	33,7
43	**2006/1670**	<4,32	34,1 ± 9,1	2960 ± 140	<8,90	<14,0	35,9
44	**2006/1685**	<3,22	<38,9	4990 ± 230	12,7 ± 3,5	<12,3	21,1
45	**2006/1726***	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
46	**2006/1749**	<6,67	<68,4	2860 ± 140	44,3 ± 8,4	<23,8	34,1
47	**2006/1776**	<5,38	<56,3	1070 ± 60	29,1 ± 6,7	<19,0	48,3
48	**2006/1892**	<3,00	23,1 ± 6,9	1350 ± 70	<7,54	<11,2	32,2
49	**2006/1910**	<3,66	<39,8	1850 ± 90	7,01 ± 3,38	<12,3	39,3
50	**2006/1925**	<4,94	<53,7	1000 ± 60	<11,7	<18,2	26,2
51	**2006/1940**	<5,09	<51,9	1370 ± 70	<11,7	<17,4	26,3
52	**2006/1973**	<3,70	<41,6	1510 ± 80	<8,57	<13,2	30,5

Table 167 Aerosol activity (gamma spectrometry) - SDS N. Tekov, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0014	<5,66	<60,2	1100 ± 70	<14,3	<21,1	23,8
2	2007/0027	<4,05	<42,0	1120 ± 60	12,2 ± 4,7	<14,1	14,9
3	2007/0047	<3,75	<43,2	1840 ± 90	14,1 ± 4,4	<13,7	15,3
4	2007/0086	<4,20	16,7 ± 9,9	2540 ± 120	<11,0	<15,1	20,3
5	2007/0129	<3,78	<40,1	1410 ± 70	<10,3	<14,6	16,2
6	2007/0163	<3,71	27,6 ± 8,5	1210 ± 60	<9,52	<12,8	14,5
7	2007/0178	<3,90	26,0 ± 7,1	1480 ± 70	<9,63	<13,0	17,8
8	2007/0195	<3,49	12,9 ± 6,9	1520 ± 80	<8,32	<12,3	23,7
9	2007/0211	<3,34	<38,9	2060 ± 100	<7,76	<11,6	32,6
10	2007/0279	<3,12	23,0 ± 6,8	1670 ± 80	<8,49	<11,5	16,2
11	2007/0299	<4,66	25,1 ± 9,6	2360 ± 120	<12,5	<18,0	27,1
12	2007/0334	<3,24	<34,0	2120 ± 100	11,0 ± 4,1	<11,6	29,0
13	2007/0416	<4,10	21,8 ± 7,8	2680 ± 130	<10,7	<13,9	29,9
14	2007/0433	<3,57	26,5 ± 9,1	3870 ± 180	<8,82	<13,1	39,3
15	2007/0458	<3,79	<43,1	3060 ± 150	<9,44	<13,4	28,7
16	2007/0489	1,37 ± 0,76	54,4 ± 8,7	4030 ± 190	<12,2	<14,3	39,3
17	2007/0504	<3,22	30,6 ± 7,6	4140 ± 190	<8,80	<11,0	32,5
18	2007/0573	<3,55	<41,3	3980 ± 190	<9,40	<13,2	33,1
19	2007/0588	<2,91	<33,3	3000 ± 140	15,6 ± 4,0	<11,2	22,4
20	2007/0633	<3,39	<35,3	2590 ± 120	<8,99	<12,8	21,3
21	2007/0658	<4,04	<38,8	2920 ± 140	11,3 ± 4,6	<14,7	23,8
22	2007/0736	<3,13	<35,6	3880 ± 180	<8,57	<9,77	27,4
23	2007/0784	<3,90	<40,6	1750 ± 90	<10,6	<14,0	14,4
24	2007/0800	<2,86	<34,5	4920 ± 230	17,8 ± 4,2	<10,6	17,8
25	2007/0833	<5,35	<65,3	3170 ± 160	<13,2	<19,3	19,6
26	2007/0848	<5,07	24,1 ± 8,3	3100 ± 150	<12,8	<18,3	19,0

Table 168 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0932	<4,38	<57,1	2740 ± 140	<13,2	<15,8	16,2
28	2007/0949	<5,14	<55,3	2640 ± 130	<13,9	<18,6	14,1
29	2007/1024	<3,35	<35,2	2940 ± 140	<9,46	<11,4	23,9
30	2007/1099	<3,61	<38,8	4290 ± 200	<8,46	<12,1	31,3
31	2007/1129	<3,42	<38,4	3090 ± 150	<8,46	<12,0	26,4
32	2007/1162	<3,48	<39,5	3020 ± 140	<9,72	<12,8	24,8
33	2007/1177	<3,46	<41,8	3290 ± 160	<9,44	<13,8	22,0
34	2007/1245	<4,10	<45,7	3230 ± 150	<11,1	<14,4	26,8
35	2007/1260	<3,42	<39,4	3540 ± 170	<9,08	<12,8	25,1
36	2007/1294	<2,71	<28,2	2640 ± 120	<7,78	<9,55	17,3
37	2007/1313	<4,33	<46,4	1050 ± 60	<11,0	<14,6	9,88
38	2007/1361	<4,29	<48,3	3430 ± 160	<11,9	<14,3	21,8
39	2007/1429	<3,50	56,1 ± 10,1	3380 ± 160	<9,08	<12,4	22,1
40	2007/1456	<3,81	35,1 ± 9,1	2570 ± 120	<10,5	<14,1	23,0
41	2007/1497	<3,77	46,9 ± 8,2	2380 ± 120	<10,7	<13,7	25,5
42	2007/1517	<3,21	73,7 ± 10,6	2260 ± 110	<8,59	<11,3	33,3
43	2007/1550	<3,42	33,0 ± 10,1	1540 ± 80	<8,45	<12,1	19,5
44	2007/1637	<3,55	<41,8	775 ± 42	<8,76	<12,5	25,3
45	2007/1661	<5,70	52,3 ± 14,3	1220 ± 70	<14,9	<21,2	15,8
46	2007/1736	<3,20	<37,4	760 ± 42	<8,50	<11,7	7,83
47	2007/1807	<3,57	48,2 ± 11,4	868 ± 50	<10,1	<14,0	23,8
48	2007/1855	<3,30	32,6 ± 9,9	1930 ± 90	<8,81	<11,7	30,7
49	2007/1870	<3,45	28,9 ± 9,5	1880 ± 90	<9,36	<12,5	27,3
50	2007/1913	<4,30	<55,6	712 ± 45	<11,0	<15,4	20,1
51	2007/1957	<4,22	27,8 ± 9,9	1580 ± 80	<9,77	<14,4	32,9
52	2007/1972	1,19 ± 0,62	54,0 ± 9,2	2660 ± 130	<8,72	<12,6	44,8

Table 169 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0012	<4,46	71,4 ± 24,1	1550 ± 140	<11,3	<14,7	35,5
2	2008/0028	<4,38	54,7 ± 22,0	1750 ± 160	<11,5	<15,3	26,9
3	2008/0043	<3,36	<42,0	2090 ± 170	<8,54	<12,4	29,0
4	2008/0058	<2,70	<47,8	2040 ± 180	<10,3	<12,6	20,4
5	2008/0128	<2,37	<42,1	2130 ± 180	<9,03	<10,1	20,4
6	2008/0143	<1,97	<32,4	2410 ± 200	<6,66	<8,19	27,2
7	2008/0170	<1,50	53,0 ± 14,2	1940 ± 160	<5,82	<6,80	27,2
8	2008/0240	1,01 ± 0,97	<35,3	2800 ± 230	<8,07	<9,08	30,0
9	2008/0307	<2,25	<39,6	3560 ± 290	<7,71	<10,6	33,0
10	2008/0336	<2,15	<33,3	3930 ± 310	<8,37	<9,92	19,9
11	2008/0376	<2,35	<39,4	3300 ± 270	<7,22	<9,44	28,0
12	2008/0405	<2,19	<37,7	3080 ± 250	<7,53	<10,2	11,9
13	2008/0421	<2,43	<43,4	1910 ± 170	<8,90	<12,6	13,5
14	2008/0507	<1,80	54,0 ± 15,6	4840 ± 380	<6,49	<7,60	23,1
15	2008/0526	<2,74	52,6 ± 15,4	2300 ± 180	<7,27	<9,71	23,2
16	2008/0543	<1,80	<31,0	3400 ± 270	<7,35	<8,22	30,6
17	2008/0614	<3,98	36,2 ± 14,9	1990 ± 180	<10,9	<14,2	19,4
18	2008/0632	<3,70	45,9 ± 22,0	4650 ± 360	<9,67	<13,5	23,8
19	2008/0651	<3,48	50,3 ± 18,7	2640 ± 210	7,00 ± 8,81	<12,7	22,1
20	2008/0674	<2,68	<50,2	4050 ± 330	<9,45	<12,2	29,7
21	2008/0708	<2,36	50,0 ± 17,9	3560 ± 290	<7,53	<9,12	24,7
22	2008/0786	<3,49	<42,2	1970 ± 160	7,56 ± 8,76	<12,8	37,4
23	2008/0809	<2,20	59,3 ± 18,6	6620 ± 520	<7,03	<9,95	45,9
24	2008/0854	<2,73	<42,8	4390 ± 360	<8,14	<11,7	22,4
25	2008/0871	<1,90	47,9 ± 14,7	2890 ± 230	<6,59	<8,07	16,0
26	2008/0967	<3,68	56,0 ± 21,2	3900 ± 310	<10,4	<13,9	16,1

Table 170 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička N. Tekov - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2008/0989**	<2,35	<35,6	4040 ± 330	<8,08	<10,5	17,1
28	**2008/1071**	<2,73	<47,7	4470 ± 370	<9,05	<12,6	18,7
29	**2008/1095**	<2,07	<36,7	3370 ± 270	<7,36	<9,93	24,0
30	**2008/1110**	<3,00	37,5 ± 17,4	3490 ± 270	17,1 ± 6,6	<10,1	16,0
31	**2008/1178**	<2,83	<49,8	4020 ± 330	<9,17	<12,3	19,3
32	**2008/1193**	<3,36	52,3 ± 17,5	4080 ± 320	<10,1	<12,9	24,2
33	**2008/1220**	<2,73	<41,6	4210 ± 340	<9,16	<11,9	23,0
34	**2008/1245**	<2,84	57,1 ± 17,5	3750 ± 290	7,85 ± 6,19	<9,92	23,0
35	**2008/1291**	<1,87	66,5 ± 16,4	2980 ± 240	9,96 ± 6,12	<8,29	19,6
36	**2008/1368**	<2,15	<37,8	3490 ± 280	<7,50	<9,61	26,3
37	**2008/1406**	<2,78	<46,1	5150 ± 410	<9,37	<11,8	42,8
38	**2008/1421**	<2,57	<43,3	2880 ± 240	<8,95	<11,5	17,1
39	**2008/1508**	<2,54	<35,1	1150 ± 110	<8,99	<11,7	15,6
40	**2008/1525**	<2,35	<34,8	3570 ± 290	16,7 ± 6,5	<10,1	22,1
41	**2008/1561**	<2,12	<31,8	2330 ± 190	24,8 ± 7,1	<9,38	12,4
42	**2008/1581**	<1,59	47,3 ± 17,1	1530 ± 130	<8,44	<11,3	21,8
43	**2008/1603**	<2,48	30,5 ± 13,5	2460 ± 200	9,66 ± 5,59	<9,14	28,9
44	**2008/1651**	<2,71	34,9 ± 14,7	2640 ± 210	<6,52	<9,53	35,7
45	**2008/1724**	2,14 ± 1,81	<32,9	3310 ± 260	<8,69	<12,4	27,6
46	**2008/1749**	<2,55	27,0 ± 12,6	3570 ± 280	8,28 ± 5,20	<8,72	36,6
47	**2008/1764**	<2,35	<32,0	2540 ± 300	<7,58	<10,3	32,2
48	**2008/1841**	<3,03	22,9 ± 13,8	1650 ± 140	<8,34	<10,6	12,8
49	**2008/1881**	<2,88	30,2 ± 13,9	2010 ± 170	13,9 ± 6,6	<10,1	17,1
50	**2008/1901**	<2,88	28,7 ± 12,7	1500 ± 130	<6,98	<10,2	17,9
51	**2008/1946**	<2,67	<28,8	2580 ± 210	<6,34	<9,63	17,9
52	**2008/2063**	<2,70	70,3 ± 25,2	1550 ± 190	<8,61	<11,8	12,9

Table 171 Aerosol activity (gamma spectrometry) - SDS Nový Tekov, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0013	<1,93	<1,79	57,9 ± 12,9	1640 ± 84	<8,87	<13,5	15,3
2	2005/0028	<2,24	<2,31	<24,9	982 ± 62	<10,5	<15,1	23,4
3	2005/0049	<1,99	<1,86	<20,9	2030 ± 104	<9,10	<12,7	27,8
4	2005/0064	<2,43	<2,51	<25,7	1100 ± 70	<11,1	<17,1	18,8
5	2005/0133	<2,34	<2,39	<25,0	1600 ± 84	<11,5	<16,9	27,8
6	2005/0164	<2,44	<2,50	<27,2	4400 ± 212	<12,5	<18,5	51,2
7	2005/0198	<2,60	<2,49	<30,6	916 ± 55	<13,3	<19,2	55,7
8	2005/0263	<2,75	<2,71	<27,4	753 ± 50	<12,5	<19,5	30,3
9	2005/0278	<3,00	<2,67	<33,7	1850 ± 103	<12,9	<18,6	37,0
10	2005/0313	<2,60	<2,35	<24,1	2990 ± 152	<14,8	<21,9	36,8
11	2005/0340	<2,69	<2,69	<22,5	2930 ± 152	<12,5	<18,1	33,6
12	2005/0357	<2,81	<2,59	49,2 ± 12,6	4980 ± 238	<13,6	<20,5	37,8
13	2005/0385	<2,58	<2,42	<27,4	4590 ± 221	<11,8	<16,9	54,0
14	2005/0404	<2,16	<2,15	66,0 ± 10,5	6430 ± 298	<10,8	<15,7	74,6
15	2005/0436	<2,17	<2,35	44,0 ± 12,9	5860 ± 274	<11,0	<17,1	45,0
16	2005/0497	<2,96	<2,75	<33,0	2700 ± 140	<14,8	<21,1	37,4
17	2005/0563	<2,30	<2,07	<22,9	3750 ± 180	<10,7	<16,8	28,7
18	2005/0646	<2,30	<2,16	<22,3	4360 ± 207	<10,4	<16,0	33,7
19	2005/0673	<2,89	<2,96	<28,1	3150 ± 158	<13,2	<21,9	18,8
20	2005/0706	<2,15	<2,19	<23,5	3100 ± 151	<11,1	<16,0	20,9
21	2005/0760	<2,24	<2,34	<24,4	4930 ± 234	15,9 ± 4,9	<17,1	31,9
22	2005/0827	<2,62	<2,51	72,2 ± 17,2	5350 ± 258	<14,2	<20,3	88,2
23	2005/0866	<2,28	<2,24	<26,6	4220 ± 202	11,7 ± 4,6	<17,6	20,9
24	2005/0886	<2,66	<2,53	<23,6	4510 ± 222	<13,2	<20,4	24,6
25	2005/0918	<2,11	<2,12	24,1 ± 10,1	4880 ± 231	<10,7	<17,6	37,8
26	2005/1015	<2,36	<2,34	57,6 ± 13,8	5210 ± 246	<11,2	<15,4	43,6

Table 172 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1035	<2,43	<2,24	<25,4	3330 ± 165	<11,4	<17,0	27,0
28	2005/1066	<2,54	<2,28	30,5 ± 11,5	4170 ± 210	<12,5	<18,2	33,5
29	2005/1084	<2,45	<2,16	<23,8	6180 ± 292	<11,9	<15,8	34,9
30	2005/1100	<2,44	<2,34	38,7 ± 9,4	3840 ± 182	<11,5	<14,9	53,0
31	2005/1172	<2,38	<2,40	74,9 ± 16,5	5100 ± 252	<12,3	<18,4	82,8
32	2005/1203	<2,37	<2,26	<23,0	2980 ± 142	<9,94	<14,4	20,9
33	2005/1251	<2,10	<1,90	<20,5	3580 ± 169	<9,82	<13,7	26,9
34	2005/1377	<2,14	<2,03	<22,0	4010 ± 191	<10,8	<15,3	27,8
35	2005/1392	<1,82	<2,04	<21,6	5610 ± 262	<10,5	<14,6	32,3
36	2005/1430	<2,31	<2,26	42,8 ± 13,4	4680 ± 229	<11,3	<15,5	46,7
37	2005/1451	<2,14	<2,05	<22,2	3230 ± 159	<10,7	<14,8	44,2
38	2005/1466	<2,19	<2,13	<22,6	3310 ± 164	<9,12	<15,2	23,7
39	2005/1529	<1,93	<1,86	54,7 ± 11,8	4260 ± 198	<11,2	<14,5	48,8
40	2005/1557	<2,30	<2,13	<23,5	3220 ± 152	<10,0	<12,3	40,0
41	2005/1601	<3,02	<3,13	113 ± 39	4770 ± 239	<14,6	<22,4	57,7
42	2005/1620	<2,06	<1,93	<22,4	1910 ± 94	<9,06	<13,4	40,7
43	2005/1641	<2,22	1,94 ± 0,73	<24,1	1870 ± 94	10,0 ± 4,5	<15,4	40,6
44	2005/1733	<2,36	<2,22	<24,2	3280 ± 157	<10,9	<15,3	50,3
45	2005/1787	<2,31	<2,22	40,6 ± 12,4	1790 ± 95	<11,5	<17,7	61,8
46	2005/1893	<2,46	<2,39	<23,3	1150 ± 66	<12,0	<18,8	53,2
47	2005/1908	<2,54	<2,51	<28,2	1350 ± 75	<11,1	<17,8	27,0
48	2005/2001	<2,01	<1,95	<21,1	983 ± 53	<8,88	<13,6	26,8
49	2005/2039	<2,05	<2,09	<21,2	746 ± 43	<9,73	<14,0	23,9
50	2005/2065	<1,64	<1,60	<18,2	2550 ± 120	<6,86	<9,33	44,7
51	2005/2131	<2,24	<2,44	<23,2	1790 ± 94	<11,2	<18,2	16,9
52	2005/2146*							

Poznámky: * Porucha veľkoobjemového presávacieho zariadenia

Table 173 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0014	<5,08	31,2 ± 10,7	489 ± 39	<13,6	<17,4	22,0
2	2006/0029	<6,93	<81,3	5910 ± 290	<18,2	<23,4	45,6
3	2006/0045	<4,01	<40,8	1760 ± 90	<10,3	<13,7	51,7
4	2006/0061	1,78 ± 0,74	<37,2	3170 ± 150	9,42 ± 4,13	<12,4	52,0
5	2006/0076	<3,81	<42,9	2310 ± 110	23,9 ± 4,8	<12,5	75,3
6	2006/0091	<4,08	<44,3	1650 ± 80	15,7 ± 5,0	<14,3	68,6
7	2006/0109	<3,95	<45,5	1670 ± 80	<10,0	<14,2	39,6
8	2006/0138	<5,64	<57,3	990 ± 58	11,2 ± 6,3	<19,7	32,7
9	2006/0156	<3,46	28,1 ± 7,4	1980 ± 90	<9,18	<12,4	37,5
10	2006/0269	<3,57	<41,4	2980 ± 140	11,4 ± 4,0	<12,6	40,8
11	2006/0307	1,88 ± 1,04	<65,8	2650 ± 130	<15,3	<22,7	42,4
12	2006/0376	<4,75	57,9 ± 10,5	2230 ± 110	<12,6	<17,2	59,7
13	2006/0401	<3,80	<45,5	1870 ± 90	<9,43	<13,6	44,4
14	2006/0423	<3,91	20,6 ± 7,9	3270 ± 150	<9,73	<12,8	22,0
15	2006/0454	<3,09	30,7 ± 7,4	4950 ± 230	17,0 ± 4,0	<10,2	42,8
16	2006/0519	<3,37	<36,3	4160 ± 190	<8,35	<12,4	31,3
17	2006/0542	<3,19	29,0 ± 8,3	5150 ± 240	<8,85	<11,9	45,2
18	2006/0603	<4,86	19,1 ± 9,4	3380 ± 160	<12,3	<16,7	34,1
19	2006/0653	<6,68	<71,8	6480 ± 310	<16,0	<21,7	44,8
20	2006/0690	<3,85	25,5 ± 7,5	5940 ± 270	<10,1	<14,1	42,5
21	2006/0708	<3,57	<39,0	5880 ± 270	10,4 ± 4,2	<11,9	44,4
22	2006/0785	<3,41	<38,9	3950 ± 180	<8,75	<12,4	24,2
23	2006/0802	<3,14	12,1 ± 6,6	2770 ± 130	<7,99	<11,3	29,2
24	2006/0821	<3,12	<34,7	4630 ± 210	<7,57	<11,1	31,1
25	2006/0856	2,93 ± 0,79	<62,0	6050 ± 280	<11,5	<20,5	51,4
26	2006/0872	<3,75	26,9 ± 7,6	6320 ± 290	<10,2	<14,3	35,9

Table 174 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2006/0939	<5,75	<58,6	5770 ± 270	<14,0	<19,4	36,4
28	2006/0975	<3,72	53,8 ± 9,7	8350 ± 380	10,6 ± 5,1	<12,4	43,6
29	2006/0990	<3,69	55,7 ± 9,8	6430 ± 290	<8,84	<12,2	72,0
30	2006/1116	2,33 ± 0,68	69,9 ± 12,8	7690 ± 350	<8,91	<12,6	57,6
31	2006/1143	<3,90	38,3 ± 9,8	5570 ± 260	13,6 ± 4,1	<12,8	47,4
32	2006/1162	<3,17	<36,3	2510 ± 120	<8,53	<11,9	16,6
33	2006/1180	<3,37	<39,9	3310 ± 150	<7,91	<12,0	27,2
34	2006/1201	<3,35	24,4 ± 7,3	4700 ± 220	<7,06	<12,6	32,3
35	2006/1284	<3,57	42,2 ± 8,1	2990 ± 140	<8,89	<13,9	25,6
36	2006/1331	1,21 ± 0,64	57,8 ± 8,9	2940 ± 140	<9,18	<12,7	55,2
37	2006/1363	<3,99	48,3 ± 10,1	4280 ± 200	<9,53	<14,2	72,1
38	2006/1381	<3,82	31,0 ± 8,6	5630 ± 260	<9,38	<13,7	40,1
39	2006/1399	<2,84	27,9 ± 7,1	5080 ± 230	<8,20	<9,40	42,7
40	2006/1494	<3,47	<45,7	4390 ± 200	<9,25	<12,4	50,0
41	2006/1512	<3,49	<42,4	3910 ± 180	8,52 ± 3,24	<12,6	33,2
42	2006/1586	<3,11	19,9 ± 7,9	3830 ± 180	<7,69	<11,7	47,5
43	2006/1671	<5,78	<60,3	3300 ± 160	<12,1	<19,9	41,7
44	2006/1686	<3,49	15,8 ± 7,6	4970 ± 230	10,5 ± 3,7	<12,1	25,4
45	2006/1727	<4,20	<44,7	4260 ± 200	<9,39	<14,8	20,8
46	2006/1750	<3,35	<36,7	2100 ± 100	<6,68	<12,4	23,9
47	2006/1777	<3,40	<37,2	1540 ± 80	5,32 ± 3,86	<12,4	50,1
48	2006/1893	1,07 ± 0,60	<38,7	1300 ± 60	10,1 ± 3,7	<11,1	36,6
49	2006/1911	<3,58	42,9 ± 7,7	1940 ± 90	<8,22	<12,6	46,2
50	2006/1926	<4,56	<48,6	1040 ± 60	<10,6	<15,7	29,1
51	2006/1941	<3,54	<40,7	1670 ± 80	<7,53	<10,9	28,9
52	2006/1974*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					

Table 175 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0015	<5,13	<59,2	1260 ± 70	<12,1	<18,8	29,9
2	2007/0028	<3,38	<38,0	725 ± 41	<8,32	<13,0	11,1
3	2007/0048	<3,88	<42,3	2130 ± 100	14,4 ± 4,9	<13,7	20,7
4	2007/0087	<3,86	<44,4	2430 ± 120	<9,27	<14,1	20,3
5	2007/0130	<3,60	<37,7	1430 ± 70	<6,81	<12,2	16,2
6	2007/0164	<3,39	<37,9	1360 ± 70	<8,33	<12,1	17,0
7	2007/0179	<3,51	<38,8	1520 ± 80	<8,65	<12,6	20,4
8	2007/0196	<3,47	19,3 ± 6,9	1680 ± 80	<8,51	<11,6	28,0
9	2007/0212	<3,52	<38,5	2120 ± 100	<8,37	<12,5	35,7
10	2007/0280	<3,58	<39,0	1770 ± 90	<8,69	<12,3	19,7
11	2007/0300	<5,35	<62,1	2250 ± 120	<14,3	<20,4	34,6
12	2007/0335	<4,24	30,2 ± 8,6	2440 ± 120	<8,94	<14,6	42,7
13	2007/0417	<3,56	<41,3	2870 ± 140	7,80 ± 4,25	<13,2	35,9
14	2007/0434	<4,63	<51,9	4120 ± 200	<11,3	<16,8	55,4
15	2007/0459	<3,94	<43,2	2770 ± 140	<10,0	<14,0	55,8
16	2007/0490	<3,70	<44,2	4040 ± 190	<9,62	<11,5	82,8
17	2007/0505	<3,96	82,1 ± 13,7	4380 ± 210	14,7 ± 4,5	<13,2	60,5
18	2007/0574	<3,77	63,8 ± 10,7	4530 ± 210	<9,47	<13,0	81,8
19	2007/0589	<3,73	37,4 ± 9,0	3160 ± 150	9,32 ± 3,96	<13,1	55,4
20	2007/0634	<3,60	<44,3	2630 ± 130	23,4 ± 4,5	<12,6	42,6
21	2007/0659	<3,59	44,1 ± 9,1	3220 ± 150	<8,84	<12,0	73,9
22	2007/0737	<3,58	<36,3	4160 ± 190	<8,80	<12,5	41,0
23	2007/0785	<3,64	<41,3	1860 ± 90	<9,00	<13,3	28,0
24	2007/0801	<2,40	<30,8	5390 ± 250	<6,19	<8,77	33,1
25	2007/0834	<3,66	50,5 ± 9,3	3460 ± 160	<9,57	<12,6	52,3
26	2007/0849	<4,81	47,4 ± 11,8	3050 ± 150	<12,0	<17,1	63,1

Table 176 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0933	<4,00	59,6 ± 10,8	3190 ± 150	11,9 ± 5,2	<12,7	43,3
28	2007/0950	<5,04	<62,7	3070 ± 150	<11,0	<17,5	36,4
29	2007/1025	<3,97	<49,1	3240 ± 160	<10,4	<14,2	71,6
30	2007/1100	<2,98	64,1 ± 9,4	4350 ± 200	<7,59	<9,35	82,6
31	2007/1130	<3,65	72,0 ± 10,8	3220 ± 150	<8,58	<12,5	81,1
32	2007/1163	<3,02	60,1 ± 9,6	3230 ± 150	<7,69	<9,26	78,6
33	2007/1178	<5,27	<55,3	3520 ± 170	<13,3	<19,0	34,9
34	2007/1246	<4,13	40,8 ± 11,1	3300 ± 160	<10,4	<15,1	58,0
35	2007/1261	<3,47	34,7 ± 8,8	3670 ± 170	<8,74	<11,4	45,5
36	2007/1295	<2,86	25,3 ± 6,6	2790 ± 130	<7,27	<9,57	35,2
37	2007/1314	<5,28	<61,8	1280 ± 70	<14,2	<17,0	27,5
38	2007/1362	<4,85	<63,2	3450 ± 170	<12,9	<18,0	81,8
39	2007/1430	<5,13	81,4 ± 13,9	4040 ± 190	<13,8	<16,2	49,5
40	2007/1457	<3,15	36,6 ± 9,6	2640 ± 120	<8,08	<11,5	36,2
41	2007/1498	<3,72	44,8 ± 9,4	2330 ± 110	<10,5	<12,8	38,7
42	2007/1518	<3,38	63,7 ± 11,3	2180 ± 110	<8,32	<11,4	44,3
43	2007/1551	<3,54	61,4 ± 10,7	1600 ± 80	<9,68	<12,2	29,8
44	2007/1638	<3,42	<42,8	894 ± 48	<8,44	<12,5	28,7
45	2007/1662	<3,32	<37,2	1280 ± 60	<8,32	<11,5	21,3
46	2007/1737	<4,95	<66,2	532 ± 33	<12,5	<17,6	10,1
47	2007/1808	<3,46	21,5 ± 9,1	1020 ± 50	<8,74	<11,6	24,5
48	2007/1856	<3,37	63,5 ± 10,3	1970 ± 90	<8,92	<12,0	31,1
49	2007/1871*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
50	2007/1914	<4,85	31,0 ± 10,9	758 ± 48	<12,0	<16,8	23,0
51	2007/1958	<5,47	<65,9	1640 ± 90	<13,2	<18,6	32,7
52	2007/1973	<4,94	<61,7	2640 ± 130	<12,2	<17,0	51,4

Table 177 Aerosol activity (gamma spectrometry) - SDS Kozárovce , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0013	<4,19	60,3 ± 24,1	1150 ± 100	<10,8	<15,5	38,5
2	2008/0029	<3,62	43,3 ± 21,2	1280 ± 120	10,3 ± 8,5	<13,4	19,0
3	2008/0044	<3,39	51,7 ± 18,0	2110 ± 170	<9,08	<12,5	25,4
4	2008/0059	<2,27	<36,6	1780 ± 160	<7,89	<10,4	17,0
5	2008/0129	<1,87	52,1 ± 16,7	2100 ± 170	<7,27	<8,26	26,5
6	2008/0144	<2,66	<45,4	2510 ± 220	<9,58	<12,1	27,2
7	2008/0171	<1,91	41,8 ± 14,6	1950 ± 160	<6,22	<7,77	34,8
8	2008/0241	<2,86	<43,4	2550 ± 220	<10,0	<12,5	30,9
9	2008/0308	<2,40	<43,6	3350 ± 280	<7,88	<10,3	37,0
10	2008/0337	<1,91	<32,0	4240 ± 330	<9,42	<8,94	22,8
11	2008/0377	<2,51	<42,1	3980 ± 320	<6,73	<10,1	38,3
12	2008/0406	<2,93	<44,7	3030 ± 250	<9,70	<12,9	15,2
13	2008/0422	<1,55	39,4 ± 13,1	2020 ± 160	<5,44	<6,98	18,8
14	2008/0508	<2,16	<33,7	4960 ± 390	<6,86	<9,38	31,6
15	2008/0527	<3,20	68,2 ± 17,7	2490 ± 200	<8,28	<11,1	30,9
16	2008/0544	<2,28	<36,9	3350 ± 270	<7,38	<9,16	36,2
17	2008/0615	<3,24	43,0 ± 22,1	2140 ± 180	<9,19	<12,2	21,7
18	2008/0633	<3,85	56,2 ± 25,6	5680 ± 440	<10,4	<13,8	50,3
19	2008/0652	<3,87	65,3 ± 22,0	2940 ± 240	<10,1	<14,0	32,1
20	2008/0675	<1,93	<33,3	4280 ± 340	19,3 ± 7,0	<8,51	49,3
21	2008/0709	<2,25	<40,1	3730 ± 300	<7,68	<9,95	35,8
22	2008/0787	<3,84	43,7 ± 20,4	2170 ± 180	<9,59	<13,8	32,2
23	2008/0810	<1,81	53,6 ± 17,4	6660 ± 510	<5,62	<8,11	54,6
24	2008/0855	<4,16	30,7 ± 20,2	4330 ± 350	<10,6	<15,5	38,1
25	2008/0872	<2,13	<35,3	3090 ± 250	<6,51	<9,72	35,9
26	2008/0968	<3,71	65,4 ± 22,3	4100 ± 320	<10,3	<13,9	43,9

Table 178 Aerosol activity (gamma spectrometry) - SDS Kozárovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0990	<2,32	57,6 ± 19,5	4390 ± 350	<7,54	<9,66	35,3
28	2008/1072	<1,85	77,1 ± 17,6	4330 ± 340	<6,97	<7,98	43,7
29	2008/1096	<2,38	66,8 ± 22,4	3290 ± 270	<7,67	<10,1	58,3
30	2008/1111	<2,92	67,1 ± 18,3	3220 ± 250	<7,52	<9,82	39,1
31	2008/1179	<1,93	<34,4	3990 ± 320	<7,10	<8,85	50,6
32	2008/1194	<4,53	87,6 ± 26,8	2420 ± 200	<12,3	<16,4	27,7
33	2008/1221*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
34	2008/1246*						
35	2008/1292*						
36	2008/1369*						
37	2008/1407	<3,33	301 ± 69	5130 ± 410	123 ± 31	<10,2	165
38	2008/1422	<2,18	<35,6	2140 ± 180	<7,86	<10,2	21,5
39	2008/1509	<2,48	<38,2	1030 ± 100	<8,52	<11,7	17,9
40	2008/1526	<2,28	58,5 ± 21,6	3140 ± 380	<7,21	<10,1	29,6
41	2008/1562	<2,22	<33,4	2910 ± 240	<7,37	<9,77	23,9
42	2008/1582	<1,93	55,6 ± 19,9	1680 ± 150	<10,5	<16,5	37,3
43	2008/1604	<2,58	49,4 ± 15,1	2660 ± 210	<6,08	<9,09	40,4
44	2008/1652	<2,43	28,3 ± 12,4	2730 ± 220	<6,26	<8,83	39,8
45	2008/1725	<2,56	31,4 ± 25,8	2990 ± 250	38,2 ± 12,7	<13,1	25,6
46	2008/1750	<2,81	30,6 ± 11,2	3450 ± 280	13,6 ± 6,1	<10,2	39,5
47	2008/1765	<3,30	25,7 ± 17,8	2360 ± 190	<8,67	<10,8	32,2
48	2008/1842	<2,26	<31,4	1790 ± 220	<6,67	<10,1	12,7
49	2008/1882	<2,95	19,3 ± 11,7	2110 ± 170	17,8 ± 6,3	<9,89	15,4
50	2008/1902	<3,10	<33,3	1290 ± 120	<7,85	<11,5	16,2
51	2008/1947	<3,15	19,5 ± 13,6	2660 ± 220	<7,91	<11,6	14,4
52	2008/2064	<3,21	<43,3	1510 ± 190	<11,0	<14,7	12,8

Table 179 Aerosol activity (gamma spectrometry) - SDS Kozárovce , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m³]	^{137}Cs [μBq/m³]	^{40}K [μBq/m³]	^{7}Be [μBq/m³]	U - rad [μBq/m³]	Th - rad [μBq/m³]	Prašnosť [μg/m³]
1	2005/0014	<2,56	<2,49	74,4 ± 13,9	1720 ± 94	<11,5	<19,0	23,6
2	2005/0029	<2,26	<2,03	<24,6	1350 ± 79	<10,4	<15,1	29,5
3	2005/0050	<1,82	<1,89	<20,2	1540 ± 81	<9,47	<13,7	22,8
4	2005/0065	<2,31	<2,55	<26,3	1700 ± 96	<11,7	<16,6	21,7
5	2005/0134	<2,54	<2,52	<28,9	1880 ± 103	<12,1	<17,8	27,8
6	2005/0165	<2,62	<2,53	51,1 ± 13,1	5250 ± 252	<13,3	<19,3	53,9
7	2005/0199	<2,72	<2,46	<26,4	1040 ± 62	<12,5	<18,8	42,8
8	2005/0264	<2,53	<2,48	<27,3	787 ± 50	<12,7	<17,6	29,5
9	2005/0279	<2,52	<2,74	<28,4	1980 ± 103	<12,8	<18,7	39,6
10	2005/0314	<2,33	<2,44	<25,0	3290 ± 165	<15,5	<21,8	33,7
11	2005/0341	<2,54	<2,35	<28,4	3480 ± 175	<12,4	<18,0	33,3
12	2005/0358	<2,85	<2,71	<29,0	5050 ± 241	<13,5	<20,1	33,1
13	2005/0386	<2,23	<2,27	<24,4	4740 ± 227	<12,5	<17,6	51,4
14	2005/0405	<2,78	5,19 ± 1,32	62,8 ± 14,3	7060 ± 331	<14,0	<19,7	86,9
15	2005/0437	<2,84	<2,91	<33,7	6970 ± 330	<15,2	<22,2	41,6
16	2005/0498	<2,32	<2,14	33,1 ± 11,7	4280 ± 204	10,5 ± 4,8	<17,1	41,7
17	2005/0564	<3,04	<2,90	<31,7	4500 ± 220	<14,6	<21,4	28,7
18	2005/0647	<2,88	<2,76	<34,8	5480 ± 264	<15,0	<21,0	32,4
19	2005/0674	<2,94	<2,88	<32,5	3290 ± 166	<13,2	<22,0	17,8
20	2005/0707	<2,31	<2,33	<24,2	3330 ± 161	13,4 ± 5,1	<16,8	23,0
21	2005/0761	<2,63	<2,18	<22,9	5530 ± 266	16,1 ± 6,3	<19,8	22,8
22	2005/0828	<2,63	<2,51	<29,3	5780 ± 277	<12,5	<21,2	28,7
23	2005/0867	<2,42	<2,39	<26,0	4630 ± 217	14,9 ± 4,4	<17,2	23,9
24	2005/0887	<2,17	<2,15	<24,0	5390 ± 255	<10,5	<16,4	21,8
25	2005/0919	<2,42	<2,33	<25,6	5350 ± 259	<13,3	<18,7	24,7
26	2005/1016	<2,26	<2,13	<25,9	5930 ± 279	<11,0	<16,7	28,8

Table 180 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m³]	^{137}Cs [μBq/m³]	^{40}K [μBq/m³]	^{7}Be [μBq/m³]	U - rad [μBq/m³]	Th - rad [μBq/m³]	Prašnosť [μg/m³]
27	2005/1036	<2,28	<2,21	39,7 ± 9,8	3790 ± 180	<11,3	<14,7	20,0
28	2005/1067	<2,46	<2,16	<26,5	4450 ± 220	<12,1	<18,1	23,8
29	2005/1085	<2,52	<2,26	<27,9	6680 ± 323	<13,3	<17,8	25,7
30	2005/1101	<2,36	<2,10	28,0 ± 10,6	4330 ± 208	<11,7	<17,5	26,2
31	2005/1173	<2,54	<2,41	<25,2	5300 ± 258	<12,9	<17,4	40,1
32	2005/1204	<2,28	<2,10	<21,9	3150 ± 151	<10,8	<15,4	11,9
33	2005/1252	<2,01	<1,86	<19,5	3910 ± 184	<9,07	<13,0	16,4
34	2005/1378	<2,15	<1,84	<21,2	4210 ± 200	<10,3	<14,4	18,6
35	2005/1393	<2,13	<1,97	<20,4	6390 ± 297	<10,2	<14,5	19,6
36	2005/1431	<2,24	<1,94	<20,4	5550 ± 268	<10,6	<14,5	28,7
37	2005/1452	<2,12	<1,92	<22,6	4910 ± 232	<10,1	<13,5	33,4
38	2005/1467	<2,07	<2,09	27,4 ± 10,5	3180 ± 158	<10,7	<15,8	11,3
39	2005/1530	<2,37	<2,25	<24,1	4190 ± 199	<11,8	<16,0	26,8
40	2005/1558	<2,10	<1,97	<19,8	3470 ± 165	<10,0	<13,7	19,9
41	2005/1602	<2,61	<2,46	33,2 ± 15,7	5020 ± 243	<13,3	<18,8	32,6
42	2005/1621	<2,07	<2,02	<21,3	2520 ± 121	<9,73	<14,3	23,8
43	2005/1642	<2,05	<1,97	<23,0	2830 ± 135	<9,90	<14,2	26,7
44	2005/1734	<2,28	<2,19	<24,2	3250 ± 155	<10,5	<15,2	41,4
45	2005/1788	<2,28	<2,30	<22,5	1830 ± 96	<11,2	<17,8	61,5
46	2005/1894	<1,85	<1,76	27,4 ± 8,1	1390 ± 68	<8,04	<12,1	49,7
47	2005/1909	<1,99	<1,94	<21,6	1410 ± 71	<9,01	<13,7	28,8
48	2005/2002	<2,10	<1,90	<20,1	970 ± 52	<9,13	<13,1	24,8
49	2005/2040	<2,19	<2,30	<25,1	1490 ± 82	<11,5	<17,1	21,9
50	2005/2066	<2,10	<2,05	<22,4	2210 ± 108	<9,37	<14,1	41,7
51	2005/2132	<2,18	<2,20	<22,9	1820 ± 99	<9,97	<14,4	19,0
52	2005/2147	<2,36	<2,24	<25,1	1170 ± 68	<11,3	<16,9	25,0

Table 181 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0015	<6,38	<73,1	1050 ± 70	<15,3	<23,8	24,2
2	2006/0030	<4,69	<53,5	6010 ± 280	23,5 ± 5,7	<16,9	38,5
3	2006/0046	1,57 ± 0,63	<46,5	1720 ± 90	9,31 ± 4,86	<14,6	48,7
4	2006/0062	1,31 ± 0,68	<37,7	3270 ± 150	8,77 ± 4,46	<12,1	52,0
5	2006/0077	<4,37	<53,7	2700 ± 130	8,41 ± 5,59	<16,3	63,6
6	2006/0092	<4,05	<40,2	1540 ± 80	9,99 ± 4,63	<14,3	60,6
7	2006/0110	<4,18	<43,6	1360 ± 70	12,5 ± 4,5	<14,1	42,6
8	2006/0139	<3,97	<43,4	1480 ± 70	11,4 ± 4,8	<14,1	32,7
9	2006/0157	<3,48	25,0 ± 7,1	2120 ± 100	16,1 ± 3,9	<12,7	36,6
10	2006/0270	<3,38	<35,5	2900 ± 140	<9,09	<12,4	28,9
11	2006/0308	<4,26	18,2 ± 7,9	1970 ± 100	<10,9	<15,7	32,8
12	2006/0377	<6,42	29,1 ± 11,6	2490 ± 130	<14,6	<21,3	51,5
13	2006/0402	<6,23	<69,3	1880 ± 100	<14,2	<21,8	38,4
14	2006/0424	<3,59	<41,2	3570 ± 170	10,2 ± 4,4	<13,5	16,1
15	2006/0455	<3,91	30,1 ± 6,8	5170 ± 240	19,7 ± 4,3	<11,0	30,5
16	2006/0520	<3,39	<38,3	4490 ± 210	12,3 ± 4,0	<12,2	25,5
17	2006/0543	<3,41	21,1 ± 7,0	5630 ± 260	<8,54	<12,1	34,1
18	2006/0604	<3,26	22,6 ± 7,1	3870 ± 180	<8,81	<11,9	31,6
19	2006/0654	3,91 ± 0,82	35,6 ± 8,8	7630 ± 350	<9,81	<14,1	40,6
20	2006/0691	<3,75	<43,1	6330 ± 290	<10,2	<13,9	35,7
21	2006/0710	<6,18	<71,7	6410 ± 300	<17,1	<23,3	22,5
22	2006/0786	<3,34	<35,0	4100 ± 190	<8,71	<12,4	12,8
23	2006/0803	<3,34	<37,5	3160 ± 150	<9,11	<12,5	15,0
24	2006/0822	<3,08	13,0 ± 6,2	5440 ± 250	<7,88	<10,8	17,8
25	2006/0857	<3,44	26,9 ± 7,0	6120 ± 280	<9,56	<12,9	28,9
26	2006/0873	<6,09	<71,0	5590 ± 270	<15,4	<22,9	28,1

Table 182 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0940**	<5,85	<58,9	5960 ± 280	<14,7	<20,1	19,3
28	**2006/0976**	<3,97	15,1 ± 8,0	9040 ± 410	<10,4	<14,2	28,0
29	**2006/0991**	<3,35	22,1 ± 6,9	6630 ± 300	<8,65	<12,1	22,2
30	**2006/1117**	<2,90	<31,6	7580 ± 350	8,93 ± 4,14	<10,8	33,7
31	**2006/1144**	<6,06	<64,9	5230 ± 250	<11,6	<21,4	27,4
32	**2006/1163**	<3,31	<35,2	2450 ± 120	<8,46	<12,5	11,9
33	**2006/1181**	<3,30	32,3 ± 7,3	3320 ± 160	<7,94	<12,3	15,3
34	**2006/1202**	<3,22	22,1 ± 6,4	4440 ± 210	<6,48	<11,2	18,6
35	**2006/1285**	<3,11	<35,6	3390 ± 160	<7,60	<9,05	13,6
36	**2006/1332**	<3,30	<38,0	3130 ± 150	<8,01	<12,4	14,4
37	**2006/1364**	<3,28	<37,0	3980 ± 180	<7,76	<11,7	20,4
38	**2006/1382**	<3,23	<41,5	5930 ± 270	<7,82	<11,3	54,5
39	**2006/1400**	<3,66	<42,6	5130 ± 240	<9,32	<14,0	24,7
40	**2006/1495**	<3,30	<38,6	5080 ± 230	<8,28	<12,2	34,0
41	**2006/1513**	<4,00	57,5 ± 11,9	3750 ± 180	9,25 ± 4,24	<14,3	51,0
42	**2006/1587**	<3,39	<37,8	4520 ± 210	8,15 ± 3,79	<12,7	33,0
43	**2006/1672**	<5,37	41,3 ± 11,6	3700 ± 180	<10,7	<19,8	38,0
44	**2006/1687**	<3,32	26,7 ± 6,5	5080 ± 230	10,2 ± 3,6	<11,7	22,9
45	**2006/1728**	<3,99	17,8 ± 7,1	4320 ± 200	21,4 ± 4,5	<14,0	19,8
46	**2006/1751**	<3,55	<37,3	2250 ± 110	<8,67	<12,0	22,3
47	**2006/1778**	<3,35	<36,8	1380 ± 70	10,5 ± 3,2	<11,7	44,1
48	**2006/1894**	<2,82	21,8 ± 5,8	1390 ± 70	<6,12	<10,5	31,4
49	**2006/1912**	<3,70	<39,6	1680 ± 80	10,2 ± 3,8	<11,8	39,0
50	**2006/1927**	<3,29	<35,8	1100 ± 60	<8,46	<12,3	25,2
51	**2006/1942**	<3,26	<34,5	1650 ± 80	<7,84	<12,0	27,8
52	**2006/1975**	1,77 ± 0,65	<37,4	1870 90	<7,32	<12,3	33,9

Table 183 Aerosol activity (gamma spectrometry) - SDS Zl. Moravce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0016	<3,54	<37,7	1380 ± 70	<8,54	<12,8	26,5
2	2007/0029	<3,75	<41,3	1520 ± 80	<9,15	<13,0	20,6
3	2007/0049	<5,27	22,4 ± 9,7	2800 ± 140	<11,5	<16,8	19,7
4	2007/0088	<3,89	<41,0	2720 ± 130	<7,88	<13,7	20,3
5	2007/0131	<5,25	<60,8	1630 ± 90	13,1 ± 5,5	<18,9	16,2
6	2007/0165	<3,62	<37,2	1290 ± 70	<8,33	<11,2	15,3
7	2007/0180	<3,69	<40,3	1700 ± 80	<8,58	<13,0	17,0
8	2007/0197	<3,45	<39,6	1060 ± 50	<7,87	<12,6	24,6
9	2007/0213	<3,49	<36,3	2250 ± 110	<8,63	<12,8	30,6
10	2007/0281	<3,66	<35,7	2190 ± 110	<8,51	<12,5	18,9
11	2007/0301	<5,05	<62,9	2770 ± 140	<10,8	<20,0	27,0
12	2007/0336	<3,30	27,7 ± 7,1	2450 ± 120	21,8 ± 4,1	<11,5	28,0
13	2007/0418	<3,55	25,7 ± 7,8	2980 ± 140	<8,60	<12,9	31,6
14	2007/0435	1,77 ± 0,59	<40,2	4410 ± 210	<9,70	<12,5	38,4
15	2007/0460	<3,95	23,3 ± 9,5	3110 ± 150	15,7 ± 4,5	<14,6	26,2
16	2007/0491	<3,72	<43,6	4360 ± 200	9,99 ± 4,50	<13,3	40,1
17	2007/0506	<3,46	24,9 ± 7,4	4420 ± 210	11,4 ± 4,2	<12,8	36,5
18	2007/0575	<3,63	<40,9	4320 ± 200	<8,72	<12,7	30,7
19	2007/0590	<3,51	<39,2	3030 ± 140	<8,98	<13,0	23,0
20	2007/0635	<4,23	<40,7	3000 ± 140	12,9 ± 4,6	<14,8	19,6
21	2007/0660	<3,50	21,5 ± 7,0	3310 ± 160	<9,44	<12,6	32,3
22	2007/0738	<3,48	<38,6	4170 ± 190	<8,73	<12,7	48,5
23	2007/0786	<3,39	<38,3	2000 ± 100	8,70 ± 4,24	<13,0	17,0
24	2007/0802	<4,56	<49,7	5660 ± 270	<11,2	<16,4	20,3
25	2007/0835	<3,52	<38,9	3980 ± 190	<9,10	<13,4	19,7
26	2007/0850	<5,62	<64,5	3320 ± 170	<13,5	<19,9	25,4

Table 184 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0934	<4,32	29,6 ± 8,3	3200 ± 160	<11,8	<14,8	17,9
28	2007/0951	<5,60	<59,6	1800 ± 90	<14,9	<19,6	10,0
29	2007/1026*	Poznámka: Porucha veľkoobjemového presávacieho zariadenia					
30	2007/1101*						
31	2007/1131*						
32	2007/1164*						
33	2007/1179	<3,55	<39,6	3660 ± 170	<9,42	<11,5	22,4
34	2007/1247	<3,39	<33,9	3020 ± 140	<8,99	<10,5	16,9
35	2007/1262	<3,61	<37,1	3340 ± 160	<8,49	<12,5	20,2
36	2007/1296	<2,87	<34,4	2580 ± 120	<7,91	<11,3	13,6
37	2007/1315	<4,30	<43,0	1070 ± 60	<11,8	<14,6	7,48
38	2007/1363	<3,27	23,9 ± 7,7	3360 ± 160	<8,31	<10,1	17,9
39	2007/1431	<2,89	49,3 ± 8,6	3170 ± 150	<8,02	<10,4	19,5
40	2007/1458	<3,81	36,0 ± 9,4	2580 ± 120	<9,81	<13,6	18,9
41	2007/1499	<3,87	37,5 ± 8,9	2030 ± 100	<9,46	<13,3	20,2
42	2007/1519	<3,43	49,7 ± 10,7	2170 ± 110	<8,20	<12,4	29,8
43	2007/1552	<3,22	42,8 ± 8,6	1420 ± 70	<8,39	<11,4	31,5
44	2007/1639	<3,40	46,3 ± 9,4	527 ± 28	<8,48	<11,6	21,9
45	2007/1663	<4,52	<50,1	1110 ± 60	<11,7	<15,8	13,7
46	2007/1738	<3,93	38,5 ± 9,7	719 ± 42	<9,32	<14,2	7,61
47	2007/1809	<3,54	35,3 ± 10,0	884 ± 49	<9,27	<12,6	20,5
48	2007/1857	<3,38	61,0 ± 10,6	1800 ± 90	<8,46	<11,6	25,7
49	2007/1872	<5,23	<65,8	1680 ± 90	<12,8	<18,4	23,0
50	2007/1915	<3,75	50,2 ± 10,0	763 ± 44	<9,55	<13,8	20,1
51	2007/1959	<4,86	57,7 ± 12,1	1480 ± 80	<12,6	<16,8	26,8
52	2007/1974	<3,73	<51,2	2100 ± 100	<9,87	<13,6	34,2

Table 185 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0014	<4,34	75,8 ± 24,2	1370 ± 130	<10,7	<14,9	30,6
2	2008/0030	<3,75	45,9 ± 20,6	1540 ± 140	12,8 ± 9,2	<13,5	23,0
3	2008/0045	<3,57	35,2 ± 16,1	1850 ± 160	<8,93	<12,4	21,1
4	2008/0060	<1,98	<30,0	1960 ± 160	<7,54	<8,56	17,0
5	2008/0130	<1,77	44,4 ± 15,1	1900 ± 160	<6,03	<7,77	18,8
6	2008/0145	<2,36	<39,0	2510 ± 210	<7,68	<10,4	24,6
7	2008/0172	<2,95	<45,8	2270 ± 200	<10,1	<12,0	29,6
8	2008/0242	<2,77	<45,7	3160 ± 260	<8,57	<11,6	29,9
9	2008/0309	<2,54	<41,7	3860 ± 320	<8,06	<10,3	35,0
10	2008/0338	<2,11	<35,8	4640 ± 370	<8,31	<9,61	20,8
11	2008/0378	<2,93	<50,6	3110 ± 260	<9,17	<12,6	30,6
12	2008/0407	<2,27	<36,7	3510 ± 280	<7,46	<10,4	14,5
13	2008/0423	<2,28	39,9 ± 18,7	2190 ± 180	<7,32	<9,97	15,3
14	2008/0509	<3,22	40,1 ± 19,5	5370 ± 410	<8,48	<10,9	23,1
15	2008/0528	<1,71	<26,6	2770 ± 220	<6,09	<7,80	22,3
16	2008/0545	<2,17	57,1 ± 18,8	3430 ± 270	<7,65	<9,74	24,7
17	2008/0616	<4,06	43,1 ± 18,9	2420 ± 210	<10,4	<15,0	17,1
18	2008/0634	<4,13	53,7 ± 21,2	6090 ± 470	<10,4	<14,1	27,2
19	2008/0653	<3,58	57,4 ± 20,2	3010 ± 240	<9,01	<12,2	18,7
20	2008/0676	<2,42	38,4 ± 18,5	4350 ± 350	<8,25	<11,2	25,3
21	2008/0710	<1,59	<24,3	3920 ± 300	<6,33	<7,11	23,9
22	2008/0788	<3,02	62,3 ± 17,6	2240 ± 180	<8,00	<10,9	34,2
23	2008/0811	<2,93	<51,3	7430 ± 580	<8,99	<11,8	58,4
24	2008/0856	<3,79	34,9 ± 16,6	4600 ± 370	8,57 ± 8,20	<15,0	18,6
25	2008/0873	<2,06	<32,1	3230 ± 260	<6,81	<9,35	15,0
26	2008/0969	<3,35	37,6 ± 18,8	4470 ± 350	<9,42	<12,8	17,7

Table 186 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zl. Moravce - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0991	<2,71	<48,0	4630 ± 380	<9,26	<12,7	17,9
28	2008/1073	<2,24	<37,4	4950 ± 390	<7,76	<10,4	18,8
29	2008/1097	<2,18	<38,3	3510 ± 280	<7,16	<10,3	23,2
30	2008/1112	<2,96	52,7 ± 18,1	3580 ± 280	<7,68	<9,81	16,8
31	2008/1180	<2,39	60,3 ± 20,3	5030 ± 400	12,8 ± 7,9	<10,7	27,5
32	2008/1195	<3,59	53,5 ± 20,9	5100 ± 390	<9,23	<13,0	23,9
33	2008/1222	<1,56	<25,7	4240 ± 330	<5,39	<7,46	17,9
34	2008/1247	<2,88	62,4 ± 18,1	3870 ± 300	<7,74	<10,4	27,9
35	2008/1293	<2,76	<43,3	3390 ± 280	<9,40	<12,6	19,5
36	2008/1370	<2,07	60,6 ± 18,2	3650 ± 290	<6,83	<8,85	30,5
37	2008/1408	<2,06	74,5 ± 18,9	5140 ± 400	<6,37	<8,71	41,8
38	2008/1423	<2,55	<42,9	2770 ± 240	<8,58	<11,7	20,0
39	2008/1510	<2,53	<40,1	1460 ± 140	<8,76	<12,1	13,4
40	2008/1527	<2,29	<31,2	3890 ± 460	<7,45	<10,0	26,2
41	2008/1563	1,61 ± 1,80	41,0 ± 23,7	2680 ± 220	<8,86	<11,3	13,9
42	2008/1583	<1,66	37,5 ± 17,7	1800 ± 150	<8,86	<11,7	32,7
43	2008/1605	<2,52	36,2 ± 13,2	2860 ± 230	8,26 ± 5,20	<9,15	29,6
44	2008/1653	<2,45	37,2 ± 14,1	2990 ± 240	<6,39	<9,06	36,3
45	2008/1726	<2,18	<32,8	3290 ± 260	<9,04	<12,3	25,4
46	2008/1751	<3,14	28,3 ± 13,0	3970 ± 320	12,5 ± 6,5	<11,2	36,4
47	2008/1766	<2,27	<31,0	2880 ± 340	<7,54	<9,89	34,0
48	2008/1843	<2,28	53,7 ± 20,8	1830 ± 220	<7,48	<10,1	17,8
49	2008/1883	<2,96	13,8 ± 12,1	2310 ± 190	12,7 ± 5,8	<10,2	15,4
50	2008/1903	<2,85	<30,9	1470 ± 130	<6,98	<9,86	16,2
51	2008/1948	<3,08	<35,3	2890 ± 240	<8,13	<12,0	14,4
52	2008/2065	<3,77	21,4 ± 14,7	1580 ± 147	<9,22	<13,7	13,9

Table 187 Aerosol activity (gamma spectrometry) - SDS Zlaté Moravce , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2005/0015	<2,72	<2,58	32,6 ± 10,5	1510 ± 85	<12,2	<19,0	22,2
2	2005/0030	<2,25	<2,29	<22,7	1450 ± 83	<10,6	<16,0	26,1
3	2005/0051	<1,82	2,42 ± 0,89	<20,0	2100 ± 106	<8,40	<13,2	25,8
4	2005/0066	<2,27	<2,28	<23,3	1590 ± 84	<8,90	<13,1	17,8
5	2005/0135	<2,44	<2,33	<23,0	1590 ± 83	<11,3	<16,6	30,9
6	2005/0166	<2,52	<2,56	<32,7	4650 ± 226	<13,7	<19,7	51,4
7	2005/0200	<2,56	<2,63	<27,1	1150 ± 66	<13,0	<18,1	51,8
8	2005/0265	<1,72	<1,74	17,7 ± 6,6	1210 ± 60	<7,99	<11,5	26,1
9	2005/0280	<2,33	<2,51	47,3 ± 10,9	1750 ± 89	<12,2	<16,3	38,0
10	2005/0315	<2,29	<2,19	36,1 ± 11,2	2890 ± 141	<11,4	<16,6	31,8
11	2005/0342	<2,33	<2,44	36,4 ± 12,3	2710 ± 138	<11,5	<17,2	31,8
12	2005/0359	<2,63	<2,67	<28,2	4920 ± 235	<13,3	<17,5	34,8
13	2005/0387	<2,42	<2,57	<23,0	4330 ± 210	<11,7	<17,4	42,6
14	2005/0406	<2,11	3,10 ± 0,91	45,4 ± 9,8	6430 ± 296	16,1 ± 4,3	<14,3	68,3
15	2005/0438	<2,42	<2,37	22,7 ± 11,4	4950 ± 233	<11,4	<16,9	38,8
16	2005/0499	<1,90	<1,79	18,5 ± 6,5	1680 ± 81	21,6 ± 3,7	<12,0	29,8
17	2005/0565	<1,84	<1,74	27,2 ± 7,5	4290 ± 198	<8,43	<11,8	27,3
18	2005/0648	<2,06	<2,16	<23,7	4850 ± 229	<11,3	<16,3	32,7
19	2005/0675	<2,33	<2,16	35,6 ± 7,7	2930 ± 139	<9,92	<15,4	19,9
20	2005/0708	<2,22	<2,15	<23,5	2250 ± 113	<10,6	<16,2	19,9
21	2005/0762	<2,58	<2,38	<26,1	4490 ± 220	<12,1	<20,5	25,8
22	2005/0829	<2,20	<2,15	<25,2	5230 ± 246	<10,7	<17,0	41,7
23	2005/0868	<2,13	<2,21	25,8 ± 9,5	3990 ± 192	<10,8	<16,8	22,9
24	2005/0888	<2,15	<2,20	<23,2	4970 ± 232	<10,4	<15,2	21,8
25	2005/0920	<2,26	<2,11	<22,3	4660 ± 217	<10,0	<15,7	30,8
26	2005/1017	<2,42	<2,39	53,3 ± 12,4	5210 ± 253	<13,5	<19,3	23,7

Table 188 Aerosol activity (gamma spectrometry) - SDS Rybník, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{134}Cs [μBq/m^3]	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2005/1037	<2,07	<1,96	<21,5	3510 ± 166	<9,52	<14,2	20,1
28	2005/1068	<2,43	<2,49	<26,2	3560 ± 171	<11,0	<14,1	26,8
29	2005/1086	<2,24	<2,29	<24,5	6480 ± 304	<11,2	<16,5	36,8
30	2005/1102	<2,12	<2,12	24,8 ± 9,3	3150 ± 151	<8,64	<14,6	34,9
31	2005/1174	<2,16	<2,06	<22,6	2770 ± 133	<10,3	<14,7	52,4
32	2005/1205	<2,17	<2,16	<22,7	1660 ± 84	<9,92	<13,7	14,9
33	2005/1253	<1,80	<1,85	<20,7	1930 ± 99	<9,46	<13,7	23,3
34	2005/1379	<2,38	<2,36	<26,8	2980 ± 146	<12,1	<17,6	22,4
35	2005/1394	<2,08	<1,92	<22,6	5330 ± 250	<10,6	<14,7	23,0
36	2005/1432	<1,94	<1,81	<20,2	4980 ± 231	<8,83	<12,9	29,6
37	2005/1453	<2,34	<2,15	59,4 ± 11,3	3890 ± 190	<11,2	<15,5	32,3
38	2005/1468	<1,79	<1,75	27,0 ± 6,6	1820 ± 88	<8,57	<13,2	14,8
39	2005/1531	<2,17	<2,08	<23,7	4370 ± 204	<10,4	<15,2	24,9
40	2005/1559	<2,05	<1,93	29,6 ± 9,9	3240 ± 154	<9,47	<12,9	22,8
41	2005/1603	<2,25	<2,18	37,6 ± 11,8	4380 ± 208	<11,6	<15,9	33,7
42	2005/1622	<2,18	<2,09	31,7 ± 9,7	2230 ± 109	<9,92	<14,9	25,8
43	2005/1643	<2,17	<2,05	<24,1	2270 ± 112	7,80 ± 4,04	<15,3	24,7
44	2005/1735	<2,15	<2,06	<23,1	3040 ± 146	<9,62	<15,1	38,8
45	2005/1789	<2,31	<2,38	<24,6	1630 ± 93	<12,5	<19,4	54,4
46	2005/1895	<2,26	<2,05	<21,8	1180 ± 64	<10,5	<15,4	47,4
47	2005/1910	<2,05	<1,97	23,1 ± 7,9	1240 ± 64	<9,01	<13,7	26,2
48	2005/2003	<2,19	<1,98	<21,1	1640 ± 82	<9,21	<13,9	23,8
49	2005/2041	<2,08	<1,89	<21,5	793 ± 46	<9,20	<14,3	21,9
50	2005/2067	<2,09	<2,16	<23,4	1940 ± 96	<9,49	<14,2	37,8
51	2005/2133	<1,91	<1,75	<18,7	1060 ± 54	<6,13	<8,67	17,9
52	2005/2148	<2,32	<2,14	<23,2	491 ± 33	<9,84	<14,4	24,8

Table 189 Aerosol activity (gamma spectrometry) - SDS Rybník, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2006/0016	<7,79	48,9 ± 15,0	720 ± 50	31,8 ± 11,2	<25,6	25,3
2	2006/0031	<4,80	<51,9	5170 ± 240	20,3 ± 6,0	<15,9	30,4
3	2006/0047	<3,83	<43,9	1770 ± 90	11,8 ± 4,5	<13,6	34,7
4	2006/0063	<3,51	<39,4	2900 ± 140	10,8 ± 4,1	<12,8	40,8
5	2006/0078	<4,47	<49,4	1890 ± 100	13,4 ± 5,7	<15,2	58,9
6	2006/0093	<3,85	<45,2	1240 ± 60	<9,42	<14,0	52,6
7	2006/0111	<4,02	<42,9	1620 ± 80	13,2 ± 4,3	<14,2	34,7
8	2006/0140	<3,99	<44,3	1970 ± 100	13,7 ± 4,8	<14,4	29,8
9	2006/0158	<3,56	<40,5	1810 ± 90	14,1 ± 3,9	<12,4	34,9
10	2006/0271	<3,58	<40,0	2950 ± 140	<8,54	<12,5	33,2
11	2006/0309	<3,46	<38,9	2050 ± 100	<8,05	<11,5	36,6
12	2006/0378	2,21 ± 0,81	43,3 ± 10,2	1980 ± 100	<12,0	<18,1	49,2
13	2006/0403	<3,97	<42,8	1960 ± 90	<9,66	<12,7	41,0
14	2006/0425	<6,74	<70,6	3400 ± 170	<16,0	<23,8	23,7
15	2006/0456	0,895 ± 0,477	<36,,0	4790 ± 220	<8,35	<11,7	31,6
16	2006/0521	<3,33	13,9 ± 7,4	3980 ± 190	<9,47	<12,2	26,4
17	2006/0544	<2,88	16,1 ± 6,4	4980 ± 230	<8,03	<10,3	38,1
18	2006/0605	<3,15	<37,6	3770 ± 180	<8,13	<11,9	31,5
19	2006/0655	2,03 ± 0,70	25,2 ± 7,3	6410 ± 290	<8,68	<12,1	47,5
20	2006/0692	<3,50	<39,8	5660 ± 260	<7,10	<13,0	40,0
21	2006/0720	<3,44	<38,0	5140 ± 240	<8,86	<12,1	38,4
22	2006/0787	<3,29	<38,0	3440 ± 160	<8,44	<11,2	21,3
23	2006/0804	<3,47	<38,9	2880 ± 140	<9,04	<12,6	16,1
24	2006/0823	<2,87	<32,7	4700 ± 220	<7,28	<9,25	23,7
25	2006/0858	<5,80	<62,7	5930 ± 280	<14,7	<20,7	39,8
26	2006/0874	<3,50	29,8 ± 7,5	5000 ± 230	<8,84	<13,1	38,0

Table 190 Aerosol activity (gamma spectrometry) - SDS Rybník, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	**2006/0941**	<3,41	<37,6	5560 ± 260	<8,59	<11,7	24,5
28	**2006/0977**	<4,17	<42,5	7830 ± 360	<10,5	<14,6	29,8
29	**2006/0992**	<3,30	11,6 ± 6,3	6360 ± 290	<8,08	<11,9	23,1
30	**2006/1118**	<3,36	33,0 ± 8,9	7020 ± 320	<8,53	<12,4	47,6
31	**2006/1145**	<5,87	43,2 ± 10,1	5900 ± 280	<11,0	<21,7	44,0
32	**2006/1164**	<3,27	<38,7	2180 ± 100	<7,67	<12,3	16,4
33	**2006/1182**	<3,32	<38,7	2940 ± 140	<8,39	<12,4	20,4
34	**2006/1203**	<3,21	<33,8	4710 ± 220	<8,30	<12,0	27,2
35	**2006/1286**	<2,65	<31,6	3310 ± 150	<6,49	<9,85	18,7
36	**2006/1333**	<3,07	<32,1	3260 ± 150	<7,49	<11,5	23,1
37	**2006/1365**	<3,22	29,1 ± 7,2	3780 ± 180	<7,51	<10,6	25,5
38	**2006/1383**	<3,36	<35,7	5370 ± 250	<7,46	<11,9	30,6
39	**2006/1401**	<3,19	<37,0	4920 ± 230	<7,58	<11,6	28,9
40	**2006/1496**	<3,42	<39,8	4690 ± 220	<7,69	<13,1	41,4
41	**2006/1514**	<3,47	<38,5	3670 ± 170	<7,98	<12,1	22,2
42	**2006/1588**	<3,36	34,7 ± 7,8	4360 ± 200	16,6 ± 4,7	<12,5	43,3
43	**2006/1673**	<5,26	<59,2	3080 ± 150	9,83 ± 4,84	<19,0	35,0
44	**2006/1688**	<3,40	<39,5	5040 ± 230	13,5 ± 3,7	<12,5	26,1
45	**2006/1729**	<3,69	20,4 ± 7,8	4160 ± 190	15,7 ± 4,3	<12,9	24,8
46	**2006/1752**	<3,47	<37,3	1700 ± 80	7,34 ± 3,87	<12,3	24,8
47	**2006/1779**	<3,38	<36,5	1570 ± 80	11,4 ± 3,3	<11,7	48,4
48	**2006/1895**	<3,53	33,4 ± 8,1	1510 ± 70	7,95 ± 4,08	<13,5	36,4
49	**2006/1913**	<3,32	<36,1	1840 ± 90	9,24 ± 3,40	<12,2	41,1
50	**2006/1928**	<3,26	<37,6	1080 ± 60	<7,24	<12,0	27,0
51	**2006/1943**	<3,48	<40,2	1530 ± 70	10,3 ± 3,5	<12,1	32,4
52	**2006/1976**	<9,54	<38,0	1540 80	7,08 ± 4,08	<12,3	38,2

Table 191 Aerosol activity (gamma spectrometry) - SDS Rybník, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2007/0017	<3,48	34,6 ± 8,2	1350 ± 70	<8,27	<12,6	31,4
2	2007/0030	<3,75	<41,6	1260 ± 70	<10,3	<14,0	14,8
3	2007/0050	<5,00	<58,6	2130 ± 110	9,13 ± 5,78	<18,0	21,3
4	2007/0089	<5,06	<62,7	2440 ± 120	<13,0	<19,2	21,1
5	2007/0132	<3,71	28,9 ± 8,0	1570 ± 80	7,47 ± 4,15	<13,5	19,6
6	2007/0166	<3,28	<38,4	1260 ± 60	<8,01	<12,7	18,7
7	2007/0181	<3,47	24,7 ± 7,1	1480 ± 70	<8,28	<13,1	18,7
8	2007/0198	<3,73	<38,8	1520 ± 80	<8,57	<12,7	22,9
9	2007/0214	<3,49	28,0 ± 8,4	2210 ± 110	<8,33	<12,3	29,7
10	2007/0282	<3,60	<39,0	1850 ± 90	<7,89	<12,0	17,9
11	2007/0302	<3,67	<39,6	2220 ± 110	<8,63	<12,9	28,8
12	2007/0337	<3,81	18,8 ± 7,6	2220 ± 110	16,4 ± 4,4	<13,7	42,7
13	2007/0419	<3,58	63,2 ± 14,9	2830 ± 130	<8,46	<8,98	32,6
14	2007/0436	<2,88	28,6 ± 7,5	4060 ± 190	<6,45	<9,94	41,8
15	2007/0461	<4,18	<47,2	3180 ± 150	12,5 ± 4,4	<14,6	35,5
16	2007/0492	<3,49	26,9 ± 9,1	4280 ± 200	14,0 ± 4,7	<13,2	38,4
17	2007/0507	<2,82	<33,8	4040 ± 190	17,3 ± 3,8	<9,61	34,2
18	2007/0576	<3,48	<38,1	4250 ± 200	<8,57	<11,5	34,8
19	2007/0591	<3,31	21,7 ± 7,4	2890 ± 140	<8,77	<13,0	25,6
20	2007/0636	<5,49	<57,5	2590 ± 130	<12,8	<19,3	20,7
21	2007/0661	<3,07	19,2 ± 8,2	2950 ± 140	24,5 ± 4,2	<10,9	31,3
22	2007/0739	<4,14	27,6 ± 11,2	3560 ± 170	12,2 ± 5,2	<14,1	35,9
23	2007/0787	<3,95	<42,9	1860 ± 90	19,4 ± 5,0	<14,7	18,9
24	2007/0803	<3,54	18,9 ± 7,7	4510 ± 210	<8,51	<12,9	24,6
25	2007/0836	<5,42	<62,0	3340 ± 170	<12,8	<19,0	30,7
26	2007/0851	<4,48	<50,3	2890 ± 140	<11,5	<17,4	25,8

Table 192 Aerosol activity (gamma spectrometry) - SDS Rybník, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2007/0935	<3,90	<46,6	2740 ± 130	<10,3	<13,6	20,4
28	2007/0952	<4,02	20,2 ± 7,7	2580 ± 130	<10,7	<14,0	17,9
29	2007/1027	<4,06	<45,1	3050 ± 150	<11,1	<15,6	20,9
30	2007/1102	<3,75	21,5 ± 7,5	4350 ± 200	<8,98	<12,5	48,3
31	2007/1132	<3,38	<39,3	3110 ± 150	<8,45	<11,5	23,9
32	2007/1165	<3,58	35,8 ± 9,2	2880 ± 140	<8,42	<12,2	55,2
33	2007/1180	<3,70	<38,4	3190 ± 150	<9,49	<13,1	28,2
34	2007/1248	<4,03	36,4 ± 8,2	3520 ± 170	<10,3	<13,7	30,0
35	2007/1263	<3,58	<38,5	3380 ± 160	<9,07	<12,9	27,1
36	2007/1297	<3,20	<30,0	2750 ± 130	<7,82	<10,2	19,4
37	2007/1316	<5,13	<52,7	1120 ± 70	<13,8	<17,2	11,2
38	2007/1364	<4,06	<44,4	3730 ± 180	<11,0	<13,7	25,8
39	2007/1432	<3,99	<46,0	3660 ± 170	<10,4	<14,2	27,1
40	2007/1459	<3,14	33,2 ± 8,8	2790 ± 130	<8,02	<10,9	21,4
41	2007/1500	<5,86	51,8 ± 13,5	2290 ± 120	<14,5	<22,1	31,4
42	2007/1520	<3,49	79,6 ± 10,5	2400 ± 120	<8,35	<12,4	52,9
43	2007/1553	<5,14	55,4 ± 14,7	1600 ± 90	<13,7	<19,2	26,3
44	2007/1640	<5,19	<71,0	888 ± 55	<14,0	<19,5	25,3
45	2007/1664	<3,60	<42,7	1240 ± 60	<8,80	<12,0	17,0
46	2007/1739	<3,20	52,2 ± 9,2	823 ± 44	<7,86	<11,5	10,2
47	2007/1810	<3,55	49,6 ± 10,7	788 ± 45	<8,69	<11,2	21,3
48	2007/1858	<3,35	59,8 ± 11,1	1810 ± 90	<8,83	<12,2	29,7
49	2007/1873	<4,41	43,4 ± 11,4	1840 ± 90	<11,5	<15,5	29,8
50	2007/1916	<4,81	<59,0	813 ± 53	<12,7	<18,4	23,8
51	2007/1960	<4,91	50,6 ± 10,7	1590 ± 90	<12,3	<17,5	36,4
52	2007/1975	<3,87	49,0 ± 9,0	2450 120	<9,66	<14,3	40,3

Table 193 Aerosol activity (gamma spectrometry) - SDS Rybník , 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
1	2008/0015	<4,29	71,0 ± 23,9	1410 ± 130	<9,04	<15,2	31,5
2	2008/0031	<3,49	51,7 ± 18,0	1740 ± 150	<8,53	<12,0	24,9
3	2008/0046	<3,47	52,1 ± 17,5	2000 ± 170	<8,75	<12,4	24,7
4	2008/0061	<2,99	<47,3	2210 ± 200	<9,91	<11,8	21,2
5	2008/0131	<3,40	<48,8	2150 ± 190	<8,86	<13,1	22,1
6	2008/0146	<1,83	51,3 ± 16,3	2730 ± 220	<6,40	<8,05	28,9
7	2008/0173	<2,11	<36,4	2040 ± 170	<8,23	<9,23	29,7
8	2008/0243	<2,00	50,9 ± 17,7	3040 ± 240	<7,18	<8,58	34,9
9	2008/0310	<2,44	44,4 ± 19,9	3430 ± 280	<8,00	<10,6	38,2
10	2008/0339	<1,97	57,2 ± 16,9	4160 ± 330	<8,29	<8,68	21,9
11	2008/0379	<1,76	<28,9	3440 ± 270	<5,88	<8,82	27,2
12	2008/0408	<1,91	<31,8	2930 ± 240	<6,43	<8,88	15,4
13	2008/0424	<2,87	<45,1	1850 ± 170	<9,10	<13,0	16,9
14	2008/0510	1,20 ± 1,11	46,9 ± 16,4	4520 ± 350	<8,67	<10,6	24,9
15	2008/0529	<1,79	<29,9	2550 ± 210	<6,47	<7,80	24,9
16	2008/0546	<1,90	54,3 ± 15,4	3250 ± 260	<5,92	<7,88	29,6
17	2008/0617	<3,93	50,2 ± 23,4	2120 ± 190	<10,4	<14,8	17,9
18	2008/0635	<3,80	34,2 ± 20,0	5310 ± 420	<10,7	<14,6	24,6
19	2008/0654	<3,32	49,1 ± 20,2	2690 ± 210	<8,52	<12,0	25,5
20	2008/0677	<2,82	<48,3	4160 ± 340	<9,24	<12,6	30,6
21	2008/0711	<1,83	59,2 ± 17,0	3640 ± 290	<6,45	<7,97	24,7
22	2008/0789	<3,58	52,1 ± 18,6	1920 ± 160	<9,19	<12,9	24,6
23	2008/0812	<2,23	<42,5	6300 ± 500	<7,30	<11,0	31,5
24	2008/0857	<3,95	43,8 ± 20,4	4170 ± 340	<10,9	<14,5	22,4
25	2008/0874	<1,81	<29,2	2960 ± 240	<7,11	<8,29	19,0
26	2008/0970	<2,97	57,7 ± 18,4	3830 ± 300	<8,08	<10,8	18,6

Table 194 Aerosol activity (gamma spectrometry) - SDS Rybník, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - gamaspektrometria)

Rádionuklid / Týždeň	Evidenčné číslo protokolu	^{137}Cs [μBq/m^3]	^{40}K [μBq/m^3]	^{7}Be [μBq/m^3]	U - rad [μBq/m^3]	Th - rad [μBq/m^3]	Prašnosť [μg/m^3]
27	2008/0992	<1,73	<29,0	4410 ± 350	<6,15	<8,20	27,2
28	2008/1074	<2,83	<41,1	4490 ± 370	<8,20	<12,6	20,4
29	2008/1098	<2,68	<50,0	3650 ± 310	<8,91	<12,5	28,1
30	2008/1113	<2,78	58,0 ± 16,7	3410 ± 270	7,11 ± 6,35	<9,79	16,9
31	2008/1181	<2,23	<40,8	4200 ± 340	<6,94	<9,85	43,7
32	2008/1196	<3,35	60,9 ± 19,7	4350 ± 340	<8,75	<12,1	37,1
33	2008/1223	<2,85	<43,7	4130 ± 340	<9,91	<12,7	22,1
34	2008/1248	<2,78	46,1 ± 16,0	3760 ± 290	9,75 ± 6,19	<9,22	25,6
35	2008/1294	<2,40	<38,4	3230 ± 260	<7,81	<9,92	23,0
36	2008/1371	<2,96	<52,2	3300 ± 280	<9,58	<12,2	25,4
37	2008/1409	<2,77	43,6 ± 22,5	5080 ± 400	<9,46	<12,3	39,8
38	2008/1424	<2,21	<42,8	2780 ± 240	<8,65	<11,2	17,1
39	2008/1511	<2,43	<39,4	1150 ± 120	<9,05	<11,4	14,1
40	2008/1528	<2,33	<36,2	3590 ± 290	13,3 ± 6,7	<10,3	19,5
41	2008/1564	<2,25	<32,9	2040 ± 180	<8,50	<11,4	13,9
42	2008/1584	<1,60	42,8 ± 17,1	1670 ± 140	<8,48	<11,3	28,8
43	2008/1606	<2,74	43,5 ± 13,4	2620 ± 210	12,6 ± 5,7	<9,51	29,6
44	2008/1654	<2,26	114 ± 23	2430 ± 290	<7,37	<9,99	32,3
45	2008/1727	<2,25	<33,5	3270 ± 260	<8,84	<13,0	21,7
46	2008/1752	<2,54	21,8 ± 12,4	3430 ± 270	11,2 ± 5,7	<9,37	32,1
47	2008/1767	<2,26	<31,2	2530 ± 300	<7,82	<10,0	32,1
48	2008/1844	<2,24	64,7 ± 20,5	1580 ± 190	<8,10	<10,1	17,0
49	2008/1884	<2,85	21,4 ± 12,1	1970 ± 160	15,4 ± 7,0	<9,92	16,2
50	2008/1904	<3,33	<37,8	1400 ± 130	<8,35	<11,8	17,0
51	2008/1949	<3,37	<34,8	2480 ± 210	<8,25	<12,2	15,3
52	2008/2066	<3,75	<42,5	1540 ± 140	<9,15	<14,0	13,9

Table 195 Aerosol activity (gamma spectrometry) - SDS Rybník , 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/1	309	±	48	27	2005/1023	220	±	34
2	2005/16	448	±	60	28	2005/1054	311	±	46
3	2005/37	321	±	47	29	2005/1072	395	±	56
4	2005/52	75	±	14	30	2005/1088	267	±	40
5	2005/121	343	±	49	31	2005/1160	574	±	76
6	2005/152	661	±	83	32	2005/1191	115	±	20
7	2005/186	642	±	85	33	2005/1239	264	±	39
8	2005/251	413	±	57	34	2005/1365	376	±	55
9	2005/266	318	±	48	35	2005/1380	426	±	61
10	2005/301	367	±	52	36	2005/1418	427	±	58
11	2005/328	225	±	35	37	2005/1439	893	±	113
12	2005/345	337	±	50	38	2005/1454	275	±	40
13	2005/373	438	±	58	39	2005/1517	784	±	99
14	2005/392	427	±	61	40	2005/1545	696	±	89
15	2005/424	335	±	49	41	2005/1589	951	±	116
16	2005/485	404	±	57	42	2005/1608	466	±	64
17	2005/551	326	±	47	43	2005/1629	552	±	74
18	2005/634	312	±	46	44	2005/1721	506	±	69
19	2005/661	172	±	28	45	2005/1775	1062	±	128
20	2005/694	231	±	36	46	2005/1881	1092	±	134
21	2005/748	233	±	36	47	2005/1896	263	±	39
22	2005/815	399	±	56	48	2005/1989	377	±	54
23	2005/854	215	±	34	49	2005/2027	314	±	46
24	2005/874	342	±	49	50	2005/2053	473	±	65
25	2005/906	326	±	47	51	2005/2119	176	±	29
26	2005/1003	298	±	44	52	2005/2134	219	±	33

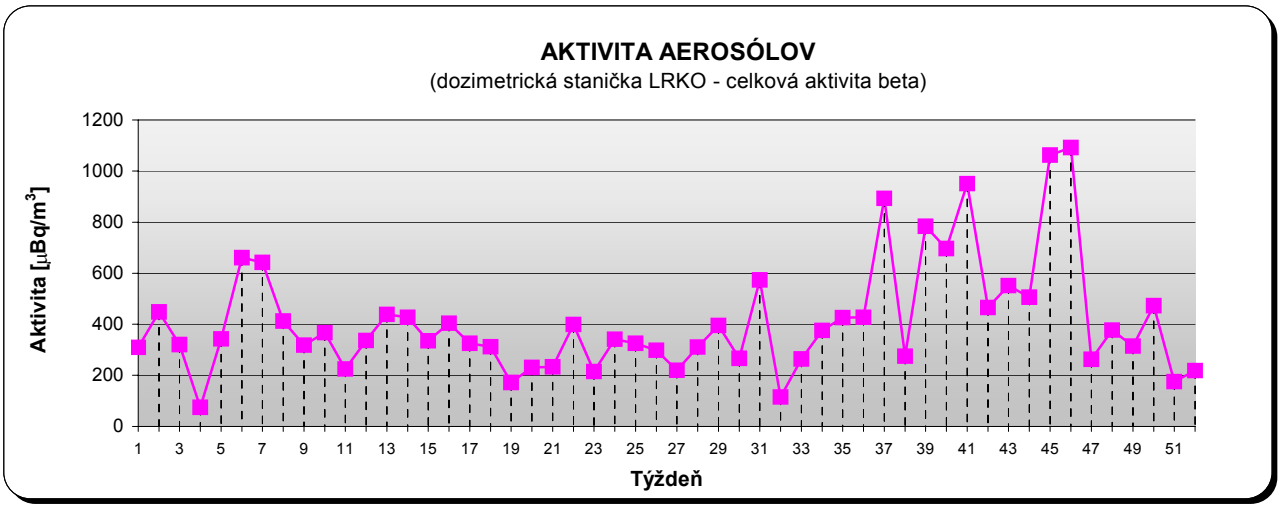


Table 196 Gross beta activity of aerosols - SDS ERML, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/2	459	±	65	27	2006/927	296	±	42
2	2006/17	550	±	75	28	2006/963	426	±	59
3	2006/33	589	±	78	29	2006/978	342	±	48
4	2006/49	856	±	104	30	2006/1104	575	±	74
5	2006/64	1002	±	125	31	2006/1131	546	±	71
6	2006/79	862	±	107	32	2006/1150	189	±	29
7	2006/97	447	±	62	33	2006/1168	185	±	29
8	2006/126	372	±	53	34	2006/1189	416	±	57
9	2006/144	259	±	39	35	2006/1272	237	±	36
10	2006/257	177	±	28	36	2006/1319	207	±	32
11	2006/295	306	±	44	37	2006/1351	273	±	40
12	2006/364	515	±	68	38	2006/1369	486	±	64
13	2006/398	334	±	47	39	2006/1387	566	±	73
14	2006/411	179	±	28	40	2006/1482	1037	±	123
15	2006/442	245	±	37	41	2006/1500	272	±	40
16	2006/507	222	±	34	42	2006/1574	557	±	72
17	2006/530	388	±	54	43	2006/1659	547	±	70
18	2006/591	291	±	42	44	2006/1674	399	±	55
19	2006/641	404	±	55	45	2006/1715	264	±	40
20	2006/678	350	±	49	46	2006/1738	339	±	48
21	2006/722	297	±	43	47	2006/1765	716	±	89
22	2006/773	180	±	28	48	2006/1881	657	±	83
23	2006/790	156	±	25	49	2006/1899	1049	±	124
24	2006/809	227	±	34	50	*	*		*
25	2006/844	428	±	59	51	*	*		*
26	2006/860	431	±	59	52	2006/1962	378	±	54

* Porucha odberového zariadenia

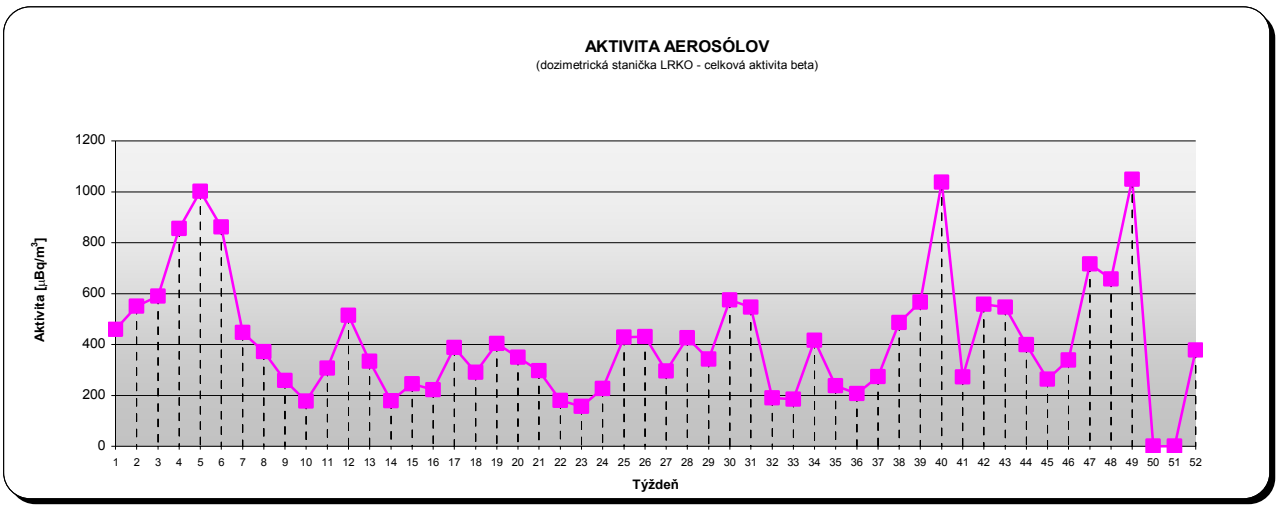


Table 197 Gross beta activity of aerosols - SDS ERML, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/3	441	±	59	27	2007/921	367	±	49
2	2007/18	198	±	31	28	2007/938	329	±	44
3	2007/36	194	±	30	29	2007/1013	204	±	31
4	2007/75	250	±	37	30	2007/1088	371	±	49
5	2007/118	156	±	25	31	2007/1118	149	±	23
6	2007/152	277	±	40	32	2007/1151	411	±	54
7	2007/167	136	±	22	33	2007/1166	332	±	45
8	2007/184	210	±	32	34	2007/1234	243	±	35
9	2007/200	292	±	42	35	2007/1249	300	±	41
10	2007/268	172	±	27	36	2007/1283	514	±	63
11	2007/288	171	±	27	37	2007/1302	282	±	38
12	2007/323	162	±	26	38	2007/1350	429	±	57
13	2007/405	158	±	24	39	2007/1418	253	±	36
14	2007/422	336	±	45	40	2007/1445	446	±	58
15	2007/447	186	±	29	41	2007/1486	288	±	40
16	2007/478	303	±	42	42	2007/1506	265	±	37
17	2007/493	55	±	10	43	2007/1539	188	±	28
18	2007/562	225	±	32	44	2007/1626	275	±	38
19	2007/577	189	±	28	45	2007/1650	99	±	16
20	2007/622	128	±	20	46	2007/1725	158	±	24
21	2007/647	286	±	40	47	2007/1796	244	±	35
22	2007/725	322	±	44	48	2007/1844	397	±	54
23	2007/773	147	±	23	49	2007/1859	200	±	29
24	2007/789	348	±	47	50	2007/1902	135	±	21
25	2007/822	251	±	36	51	2007/1946	230	±	32
26	2007/837	174	±	26	52	2007/1961	440	±	56

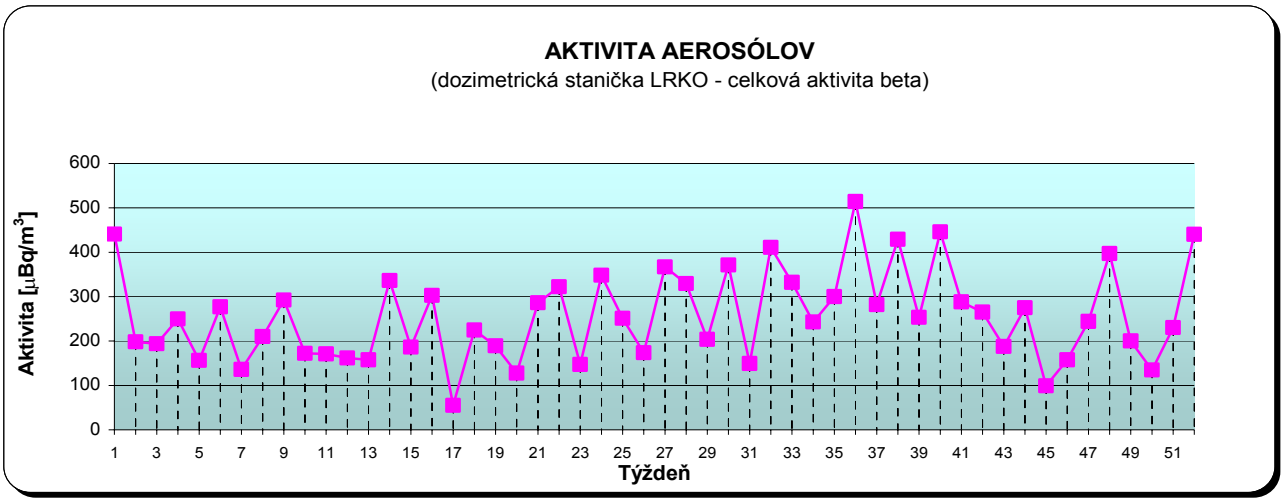


Table 198 Gross beta activity of aerosols - SDS ERML, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička LRKO - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/1	456	±	63	27	2008/978	220	±	19
2	2008/17	388	±	56	28	2008/1060	504	±	43
3	2008/32	306	±	45	29	2008/1084	316	±	27
4	2008/47	260	±	39	30	2008/1099	218	±	19
5	2008/117	144	±	24	31	2008/1168	224	±	19
6	2008/132	216	±	33	32	2008/1182	270	±	23
7	2008/159	208	±	32	33	2008/1209	198	±	17
8	2008/229	223	±	19	34	2008/1234	274	±	24
9	2008/296	257	±	22	35	2008/1280	327	±	28
10	2008/325	164	±	14	36	2008/1357	252	±	22
11	2008/365	185	±	16	37	2008/1395	733	±	63
12	2008/394	235	±	20	38	2008/1410	195	±	17
13	2008/410	128	±	11	39	2008/1497	120	±	10
14	2008/496	229	±	20	40	2008/1514	376	±	32
15	2008/515	152	±	13	41	2008/1550	156	±	13
16	2008/532	252	±	22	42	2008/1570	351	±	30
17	2008/603	139	±	12	43	2008/1592	356	±	31
18	2008/621	253	±	22	44	2008/1640	374	±	32
19	2008/640	181	±	16	45	2008/1713	381	±	33
20	2008/663	180	±	16	46	2008/1738	447	±	38
21	2008/697	226	±	19	47	2008/1753	360	±	31
22	2008/775	192	±	16	48	2008/1830	200	±	17
23	2008/798	307	±	26	49	2008/1870	193	±	17
24	2008/843	288	±	25	50	2008/1890	159	±	14
25	2008/860	175	±	15	51	2008/1935	238	±	20
26	2008/956	272	±	23	52	2008/2052	164	±	14

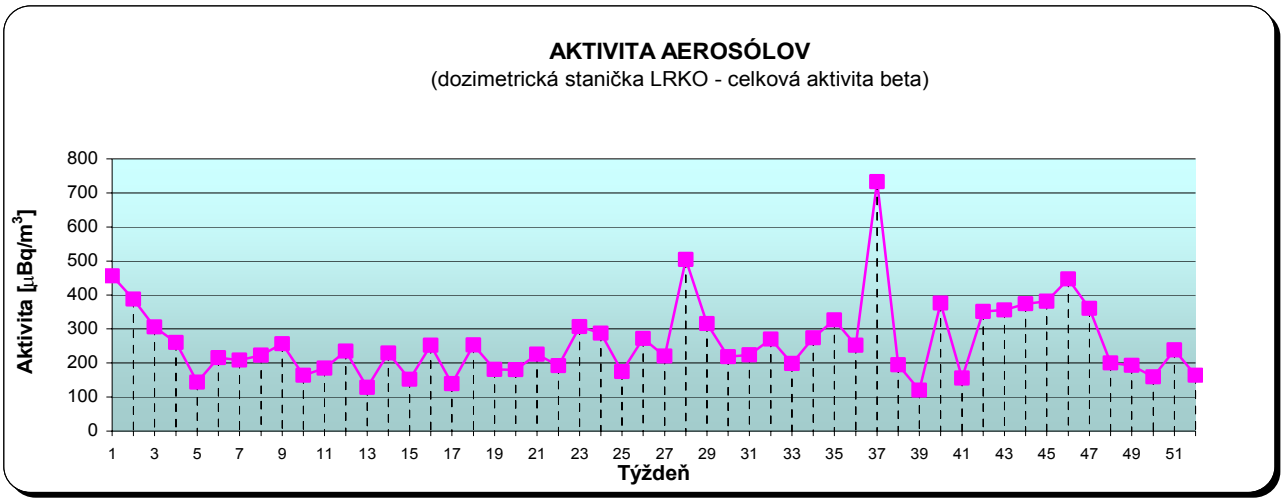


Table 199 Gross beta activity of aerosols - SDS ERML, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/2	418	±	62	27	2005/1024	231	±	36
2	2005/17	401	±	55	28	2005/1055	337	±	49
3	2005/38	335	±	48	29	2005/1073	402	±	57
4	2005/53	0	±	0	30	2005/1089	337	±	49
5	2005/122	168	±	27	31	2005/1161	347	±	51
6	2005/153	625	±	80	32	2005/1192	76	±	14
7	2005/187	671	±	90	33	2005/1240	267	±	40
8	2005/252	344	±	49	34	2005/1366	358	±	53
9	2005/267	289	±	45	35	2005/1381	425	±	61
10	2005/302	341	±	50	36	2005/1419	483	±	65
11	2005/329	225	±	35	37	2005/1440	825	±	107
12	2005/346	382	±	56	38	2005/1455	295	±	43
13	2005/374	441	±	59	39	2005/1518	708	±	92
14	2005/393	484	±	69	40	2005/1546	638	±	84
15	2005/425	357	±	52	41	2005/1590	952	±	118
16	2005/486	491	±	67	42	2005/1609	526	±	72
17	2005/552	371	±	53	43	2005/1630	453	±	63
18	2005/635	341	±	50	44	2005/1722	533	±	73
19	2005/662	136	±	23	45	2005/1776	1076	±	131
20	2005/695	319	±	47	46	2005/1882	949	±	121
21	2005/749	253	±	39	47	2005/1897	309	±	45
22	2005/816	419	±	59	48	2005/1990	268	±	41
23	2005/855	178	±	29	49	2005/2028	257	±	40
24	2005/875	320	±	47	50	2005/2054	516	±	70
25	2005/907	327	±	48	51	2005/2120	143	±	24
26	2005/1004	299	±	45	52	2005/2135	258	±	39

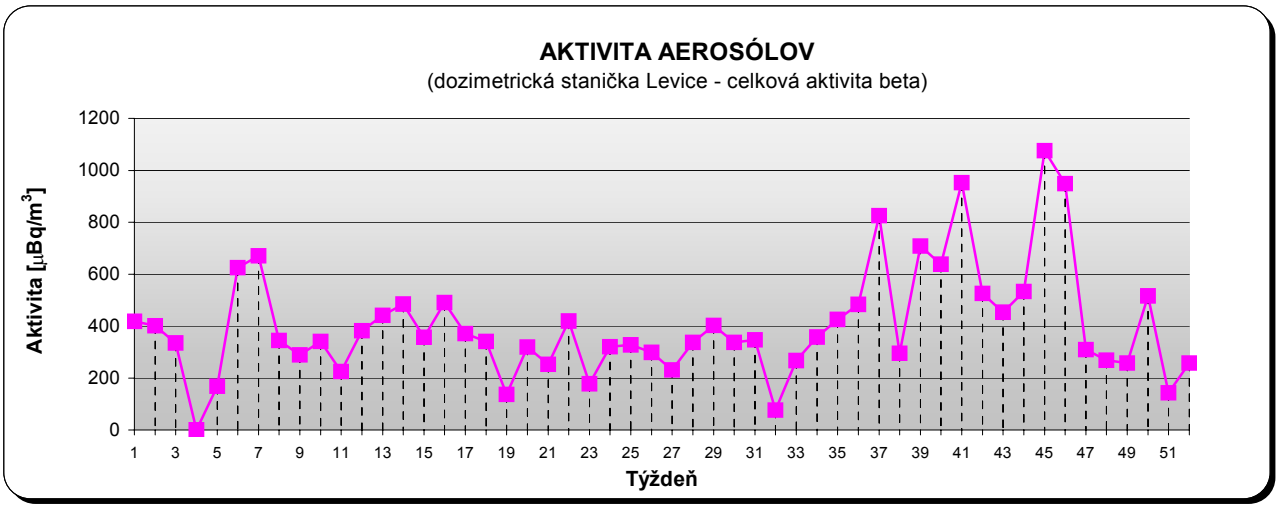


Table 200 Gross beta activity of aerosols - SDS Levice, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/3	383	±	56	27	2006/928	301	±	43
2	2006/18	518	±	73	28	2006/964	542	±	73
3	2006/34	630	±	83	29	2006/979	368	±	52
4	2006/50	840	±	104	30	2006/1105	580	±	76
5	2006/65	837	±	108	31	2006/1132	577	±	76
6	2006/80	731	±	94	32	2006/1151	166	±	27
7	2006/98	370	±	53	33	2006/1169	255	±	38
8	2006/127	283	±	43	34	2006/1190	372	±	52
9	2006/145	279	±	41	35	2006/1273	281	±	42
10	2006/258	223	±	34	36	2006/1320	245	±	37
11	2006/296	297	±	44	37	2006/1352	317	±	46
12	2006/365	477	±	64	38	2006/1370	415	±	57
13	2006/390	295	±	43	39	2006/1388	589	±	77
14	2006/412	153	±	25	40	2006/1483	979	±	118
15	2006/443	264	±	40	41	2006/1501	291	±	43
16	2006/508	172	±	28	42	2006/1575	509	±	68
17	2006/531	372	±	52	43	2006/1660	527	±	69
18	2006/592	299	±	44	44	2006/1675	425	±	58
19	2006/642	430	±	59	45	2006/1716	244	±	38
20	2006/679	317	±	46	46	2006/1739	295	±	43
21	2006/721	282	±	42	47	2006/1766	719	±	91
22	2006/774	131	±	22	48	2006/1882	620	±	80
23	2006/791	117	±	20	49	2006/1900	1157	±	137
24	2006/810	218	±	33	50	2006/1915	540	±	71
25	2006/845	440	±	62	51	2006/1930	687	±	87
26	2006/861	449	±	61	52	2006/1963	410	±	56

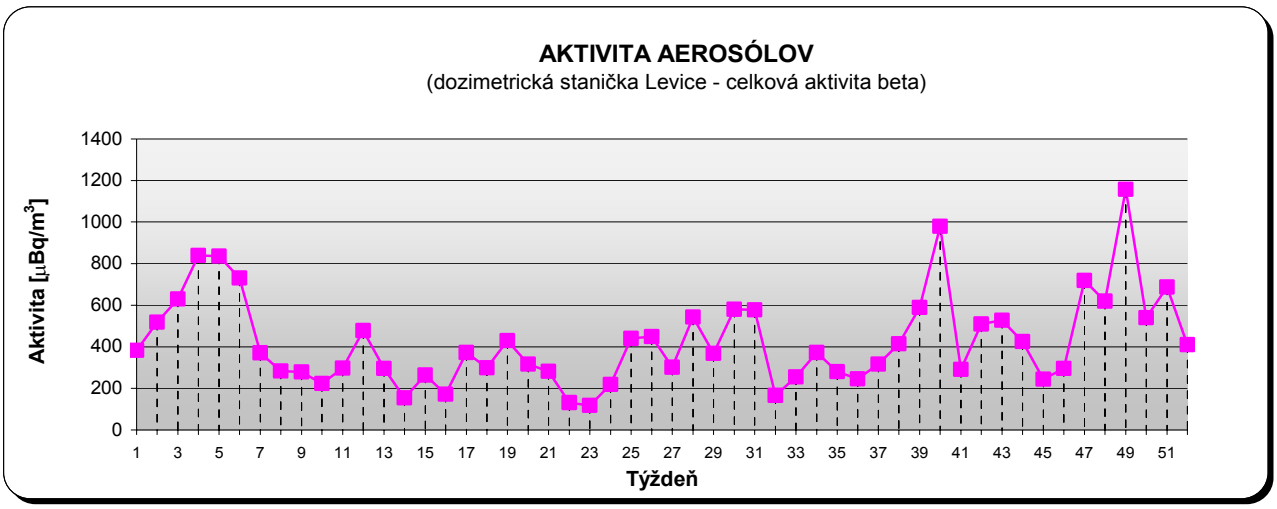


Table 201 Gross beta activity of aerosols - SDS Levice, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/4	365	±	51	27	2007/922	374	±	53
2	2007/19	182	±	29	28	2007/939	128	±	22
3	2007/37	301	±	50	29	2007/1014	242	±	38
4	2007/76	184	±	29	30	2007/1089	402	±	56
5	2007/119	146	±	24	31	2007/1119	229	±	35
6	2007/153	119	±	20	32	2007/1152	451	±	62
7	2007/168	179	±	28	33	2007/1167	274	±	41
8	2007/185	203	±	31	34	2007/1235	241	±	38
9	2007/201	323	±	46	35	2007/1250	307	±	45
10	2007/269	99	±	17	36	2007/1284	366	±	51
11	2007/289	204	±	32	37	2007/1303	111	±	19
12	2007/324	119	±	20	38	2007/1351	285	±	44
13	2007/406	185	±	30	39	2007/1419	324	±	47
14	2007/423	337	±	49	40	2007/1446	331	±	48
15	2007/448	226	±	35	41	2007/1487	337	±	47
16	2007/479	312	±	46	42	2007/1507	244	±	39
17	2007/494	210	±	33	43	2007/1540	192	±	31
18	2007/563	219	±	34	44	2007/1627	325	±	47
19	2007/578	217	±	34	45	2007/1651	118	±	21
20	2007/623	170	±	28	46	2007/1726	146	±	24
21	2007/648	231	±	36	47	2007/1797	229	±	36
22	2007/726	263	±	40	48	2007/1845	342	±	51
23	2007/774	148	±	25	49	2007/1860	209	±	33
24	2007/790	265	±	40	50	2007/1903	169	±	27
25	2007/823	239	±	37	51	2007/1947	305	±	44
26	2007/838	179	±	29	52	2007/1962	514	±	68

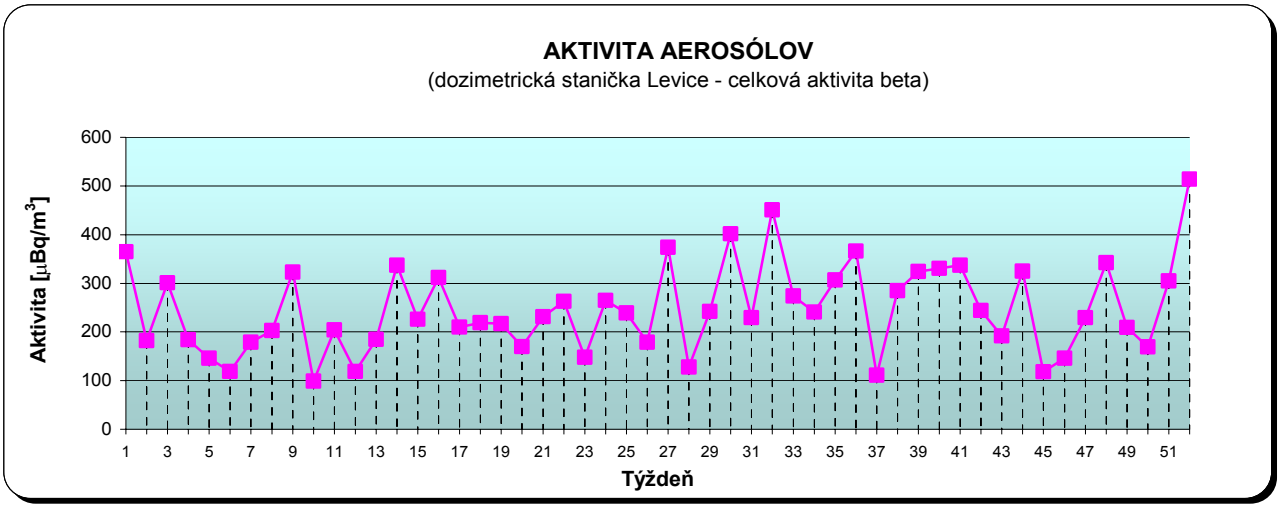


Table 202 Gross beta activity of aerosols - SDS Levice, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Levice - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/2	406	±	58	27	2008/979	208	±	18
2	2008/18	469	±	66	28	2008/1061	191	±	16
3	2008/33	281	±	42	29	2008/1085	324	±	28
4	2008/48	221	±	34	30	2008/1100	162	±	14
5	2008/118	138	±	23	31	2008/1169	222	±	19
6	2008/133	250	±	38	32	2008/1183	265	±	23
7	2008/160	204	±	32	33	2008/1210	217	±	19
8	2008/230	264	±	23	34	2008/1235	208	±	18
9	2008/297	218	±	19	35	2008/1281	243	±	21
10	2008/326	139	±	12	36	2008/1358	205	±	18
11	2008/366	159	±	14	37	2008/1396	463	±	40
12	2008/395	142	±	12	38	2008/1411	238	±	20
13	2008/411	102	±	9	39	2008/1498	159	±	14
14	2008/497	204	±	18	40	2008/1515	370	±	32
15	2008/516	118	±	10	41	2008/1551	253	±	22
16	2008/533	190	±	16	42	2008/1571	319	±	27
17	2008/604	129	±	11	43	2008/1593	368	±	32
18	2008/622	218	±	19	44	2008/1641	354	±	30
19	2008/641	136	±	12	45	2008/1714	377	±	32
20	2008/664	170	±	15	46	2008/1739	478	±	41
21	2008/698	223	±	19	47	2008/1754	328	±	28
22	2008/776	168	±	14	48	2008/1831	130	±	11
23	2008/799	326	±	28	49	2008/1871	181	±	16
24	2008/844	200	±	17	50	2008/1891	157	±	13
25	2008/861	152	±	13	51	2008/1936	211	±	18
26	2008/957	238	±	21	52	2008/2053	176	±	15

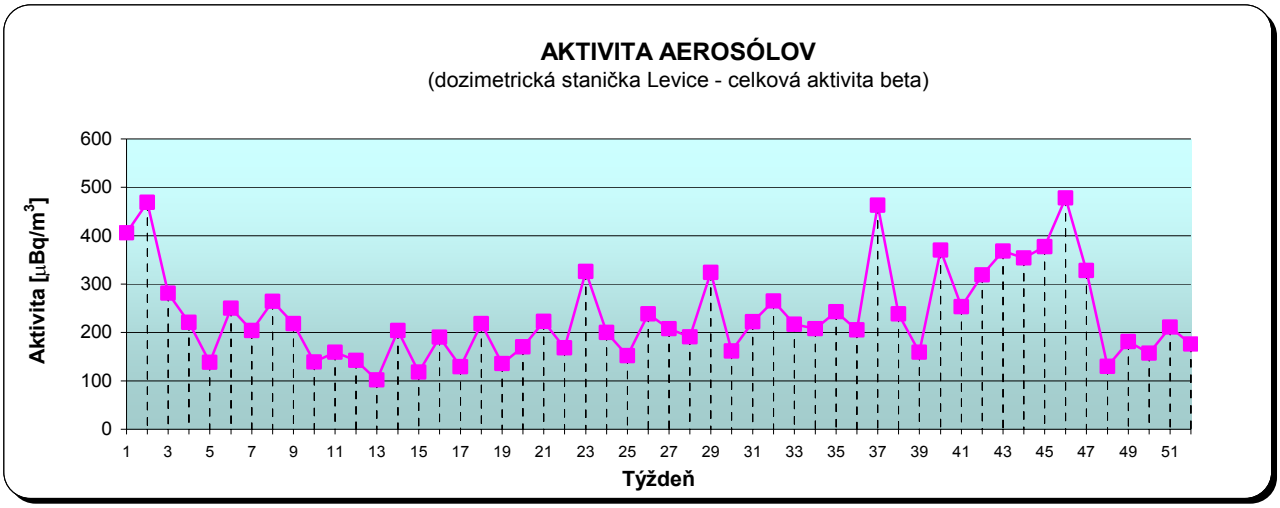


Table 203 Gross beta activity of aerosols - SDS Levice, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/3	248	±	40	27	2005/1025	211	±	33
2	2005/18	380	±	52	28	2005/1056	251	±	38
3	2005/39	335	±	48	29	2005/1074	415	±	58
4	2005/54	131	±	22	30	2005/1090	288	±	43
5	2005/123	268	±	40	31	2005/1162	632	±	82
6	2005/154	656	±	83	32	2005/1193	119	±	20
7	2005/188	634	±	84	33	2005/1241	252	±	38
8	2005/253	321	±	46	34	2005/1367	381	±	56
9	2005/268	269	±	42	35	2005/1382	411	±	59
10	2005/303	373	±	53	36	2005/1420	444	±	60
11	2005/330	231	±	36	37	2005/1441	568	±	77
12	2005/347	380	±	54	38	2005/1456	277	±	41
13	2005/375	453	±	62	39	2005/1519	781	±	99
14	2005/394	520	±	70	40	2005/1547	718	±	92
15	2005/426	354	±	51	41	2005/1591	955	±	117
16	2005/487	408	±	57	42	2005/1610	516	±	70
17	2005/553	296	±	44	43	2005/1631	473	±	65
18	2005/636	326	±	47	44	2005/1723	565	±	75
19	2005/663	148	±	24	45	2005/1777	964	±	118
20	2005/696	257	±	39	46	2005/1883	889	±	113
21	2005/750	228	±	35	47	2005/1898	224	±	34
22	2005/817	402	±	56	48	2005/1991	364	±	52
23	2005/856	190	±	30	49	2005/2029	321	±	47
24	2005/876	353	±	51	50	2005/2055	468	±	64
25	2005/908	322	±	47	51	2005/2121	160	±	26
26	2005/1005	251	±	38	52	2005/2136	225	±	34

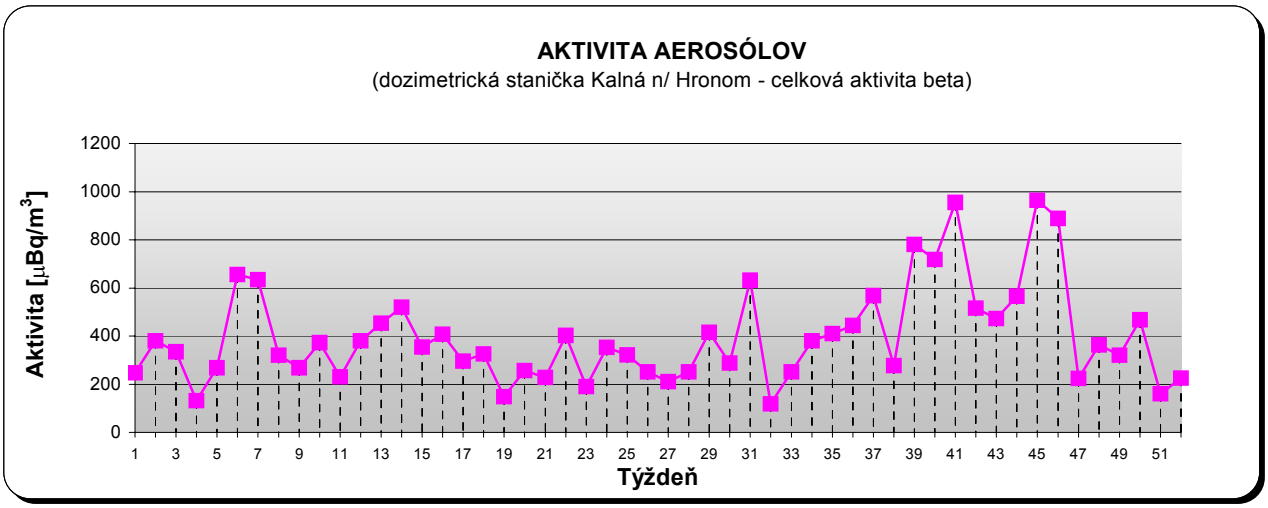


Table 204 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/4	459	±	65	27	2006/929	285	±	40
2	2006/19	664	±	88	28	2006/965	462	±	64
3	2006/35	608	±	80	29	2006/980	363	±	51
4	2006/51	923	±	112	30	2006/1106	581	±	75
5	2006/66	903	±	114	31	2006/1133	568	±	74
6	2006/81	695	±	89	32	2006/1152	180	±	28
7	2006/99	350	±	51	33	2006/1170	192	±	30
8	2006/128	245	±	37	34	2006/1191	367	±	51
9	2006/146	256	±	38	35	2006/1274	228	±	35
10	2006/259	235	±	35	36	2006/1321	218	±	33
11	2006/297	272	±	40	37	2006/1353	293	±	42
12	2006/366	441	±	59	38	2006/1371	464	±	62
13	2006/391	292	±	42	39	2006/1389	559	±	73
14	2006/413	168	±	27	40	2006/1484	943	±	113
15	2006/444	271	±	40	41	2006/1502	283	±	41
16	2006/509	204	±	31	42	2006/1576	520	±	68
17	2006/532	380	±	53	43	2006/1661	533	±	68
18	2006/593	292	±	42	44	2006/1676	345	±	49
19	2006/643	460	±	62	45	2006/1717	268	±	40
20	2006/680	363	±	51	46	2006/1740	285	±	42
21	2006/717	307	±	44	47	2006/1767	730	±	91
22	2006/775	151	±	25	48	2006/1883	599	±	77
23	2006/792	123	±	21	49	2006/1901	1019	±	121
24	2006/811	222	±	33	50	2006/1916	545	±	71
25	2006/846	423	±	59	51	2006/1931	630	±	80
26	2006/862	425	±	58	52	2006/1964	330	±	47

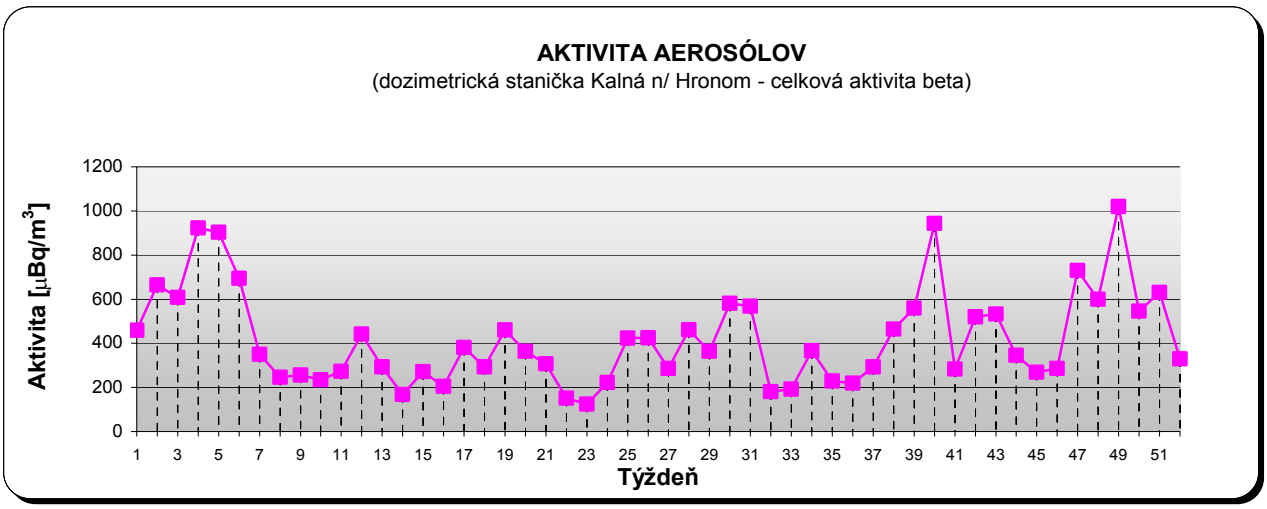


Table 205 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/5	354	±	49	27	2007/923	240	±	36
2	2007/20	138	±	23	28	2007/940	109	±	18
3	2007/38	186	±	29	29	2007/1015	218	±	34
4	2007/77	181	±	28	30	2007/1090	310	±	45
5	2007/120	99	±	17	31	2007/1120	278	±	41
6	2007/154	175	±	27	32	2007/1153	176	±	28
7	2007/169	174	±	27	33	2007/1168	238	±	36
8	2007/186	199	±	30	34	2007/1236	222	±	35
9	2007/202	283	±	41	35	2007/1251	266	±	39
10	2007/270	92	±	16	36	2007/1285	194	±	30
11	2007/290	133	±	22	37	2007/1304	95	±	16
12	2007/325	139	±	23	38	2007/1352	216	±	34
13	2007/407	192	±	30	39	2007/1420	252	±	38
14	2007/424	268	±	41	40	2007/1447	268	±	39
15	2007/449	139	±	23	41	2007/1488	369	±	52
16	2007/480	281	±	41	42	2007/1508	268	±	39
17	2007/495	150	±	24	43	2007/1541	184	±	29
18	2007/564	239	±	36	44	2007/1628	386	±	53
19	2007/579	221	±	34	45	2007/1652	75	±	14
20	2007/624	166	±	27	46	2007/1727	68	±	12
21	2007/649	211	±	32	47	2007/1798	177	±	28
22	2007/727	251	±	37	48	2007/1846	329	±	48
23	2007/775	139	±	23	49	2007/1861	243	±	36
24	2007/791	228	±	35	50	2007/1904	185	±	28
25	2007/824	177	±	28	51	2007/1948	292	±	41
26	2007/839	185	±	29	52	2007/1963	437	±	58

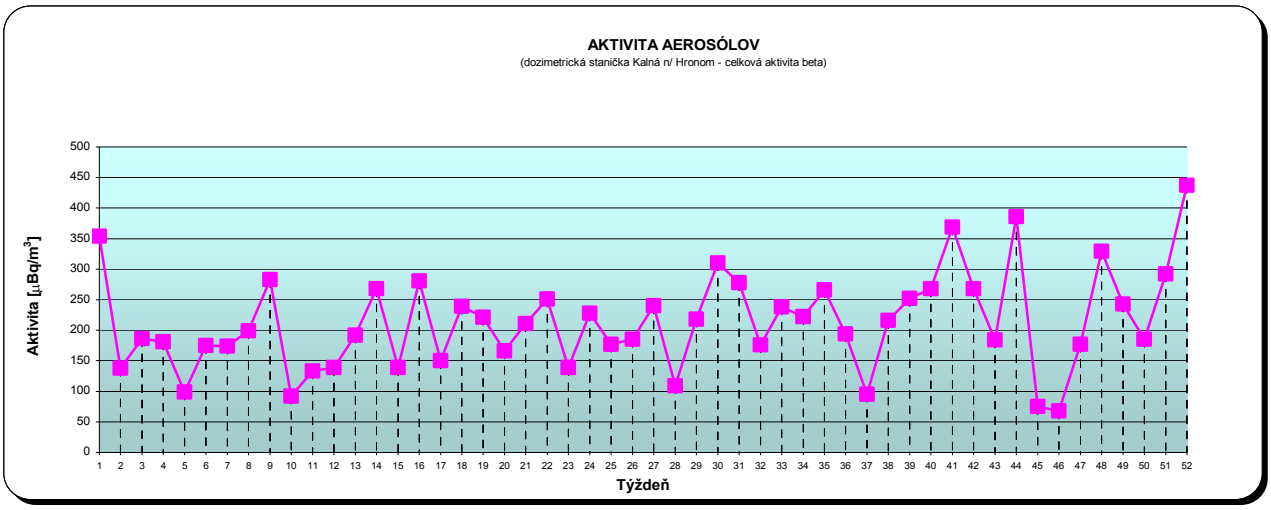


Table 206 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kalná n/ Hronom - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/3	539	±	73	27	2008/980	189	±	16
2	2008/19	393	±	56	28	2008/1062	251	±	22
3	2008/34	278	±	41	29	2008/1086	237	±	20
4	2008/49	199	±	31	30	2008/1101	167	±	14
5	2008/119	107	±	19	31	2008/1170	198	±	17
6	2008/134	169	±	27	32	2008/1184	252	±	22
7	2008/161	249	±	45	33	2008/1211	191	±	16
8	2008/231	178	±	15	34	2008/1236	255	±	22
9	2008/298	268	±	23	35	2008/1282	196	±	17
10	2008/327	128	±	11	36	2008/1359	210	±	18
11	2008/367	140	±	12	37	2008/1397	586	±	50
12	2008/396	76	±	7	38	2008/1412	183	±	16
13	2008/412	83	±	7	39	2008/1499	149	±	13
14	2008/498	149	±	13	40	2008/1516	341	±	29
15	2008/517	132	±	11	41	2008/1552	309	±	27
16	2008/534	161	±	14	42	2008/1572	379	±	33
17	2008/605	135	±	12	43	2008/1594	401	±	34
18	2008/623	159	±	14	44	2008/1642	309	±	27
19	2008/642	197	±	17	45	*	*		*
20	2008/665	204	±	18	46	*	*		*
21	2008/699	227	±	19	47	*	*		*
22	2008/777	157	±	14	48	*	*		*
23	2008/800	280	±	24	49	*	*		*
24	2008/845	223	±	19	50	*	*		*
25	2008/862	116	±	10	51	2008/1937	216	±	19
26	2008/958	205	±	18	52	2008/2054	268	±	23

* Porucha odberového zariadenia

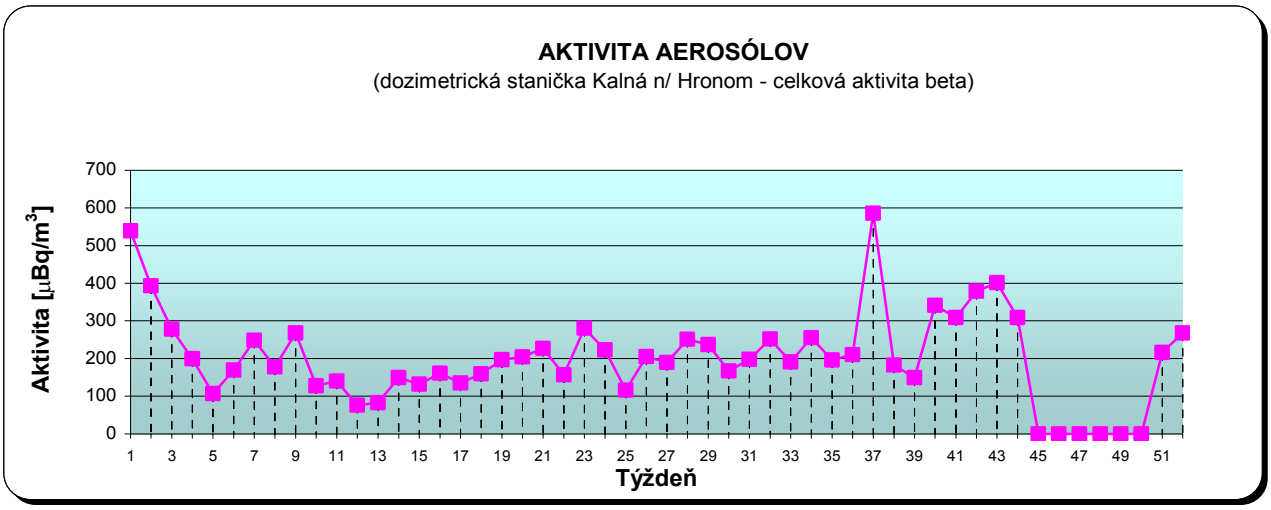


Table 207 Gross beta activity of aerosols - SDS Kalná nad Hronom, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/4	236	±	38	27	2005/1026	168	±	27
2	2005/19	257	±	38	28	2005/1057	236	±	36
3	2005/40	269	±	40	29	2005/1075	364	±	52
4	2005/55	116	±	20	30	2005/1091	239	±	37
5	2005/124	274	±	51	31	2005/1163	556	±	74
6	*				32	2005/1194	118	±	20
7	*				33	2005/1242	224	±	34
8	*				34	2005/1368	357	±	53
9	2005/269	273	±	42	35	2005/1383	382	±	56
10	2005/304	260	±	39	36	2005/1421	383	±	53
11	2005/331	151	±	25	37	2005/1442	602	±	81
12	2005/348	328	±	49	38	2005/1457	297	±	43
13	2005/376	420	±	56	39	2005/1520	715	±	91
14	2005/395	402	±	58	40	2005/1548	598	±	79
15	2005/427	328	±	48	41	2005/1592	886	±	109
16	2005/488	375	±	53	42	2005/1611	408	±	57
17	2005/554	291	±	43	43	2005/1632	428	±	59
18	2005/637	276	±	41	44	2005/1724	486	±	66
19	2005/664	122	±	21	45	2005/1778	934	±	115
20	2005/697	217	±	34	46	2005/1884	887	±	112
21	2005/751	213	±	33	47	2005/1899	253	±	38
22	2005/818	404	±	57	48	2005/1992	271	±	41
23	2005/857	167	±	27	49	2005/2030	253	±	38
24	2005/877	297	±	44	50	2005/2056	420	±	59
25	2005/909	256	±	39	51	2005/2122	133	±	22
26	2005/1006	277	±	41	52	2005/2137	195	±	30

* Porucha odberového zariadenia

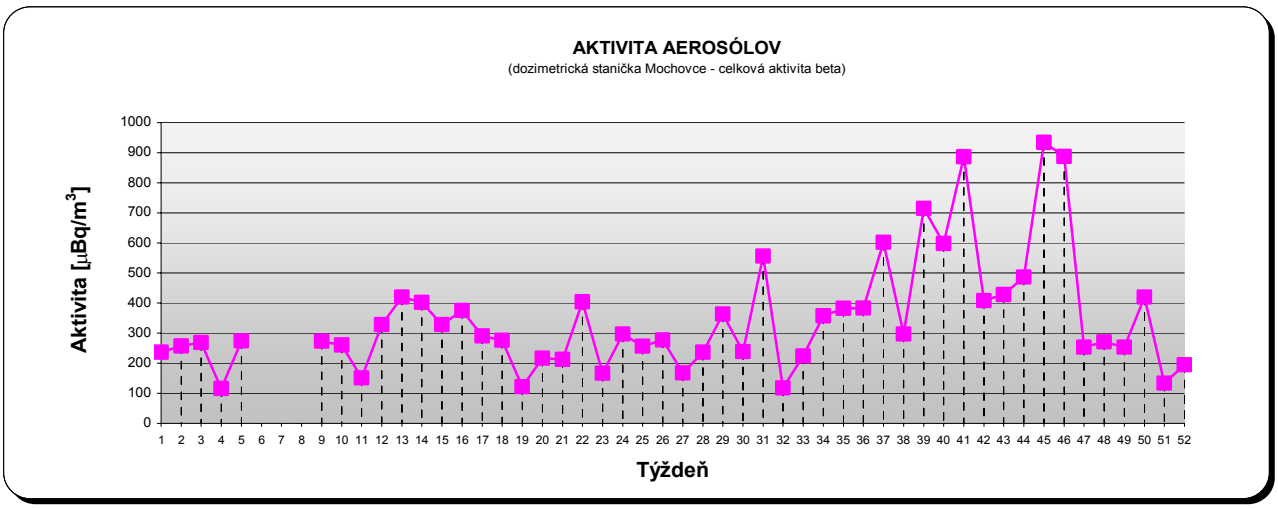


Table 208 Gross beta activity of aerosols - SDS Mochovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]		
1	2006/5	319	±	48	27	2006/930	243	±	36
2	2006/20	536	±	74	28	2006/966	454	±	64
3	2006/36	712	±	91	29	2006/981	302	±	45
4	2006/52	788	±	97	30	2006/1107	551	±	73
5	2006/67	842	±	107	31	2006/1134	547	±	73
6	2006/82	783	±	98	32	2006/1153	118	±	20
7	2006/100	358	±	51	33	2006/1171	174	±	28
8	2006/129	201	±	32	34	2006/1192	347	±	50
9	2006/147	249	±	38	35	2006/1275	207	±	40
10	2006/260	157	±	26	36	*	*		*
11	2006/298	265	±	40	37	2006/1354	221	±	34
12	2006/367	404	±	57	38	2006/1372	432	±	60
13	2006/392	234	±	36	39	2006/1390	548	±	73
14	2006/414	103	±	18	40	2006/1485	973	±	118
15	2006/445	242	±	37	41	2006/1503	253	±	39
16	2006/510	171	±	28	42	2006/1577	539	±	72
17	2006/533	296	±	44	43	2006/1662	568	±	74
18	2006/594	257	±	39	44	2006/1677	394	±	56
19	2006/644	379	±	54	45	2006/1718	239	±	38
20	2006/681	332	±	48	46	2006/1741	287	±	43
21	2006/716	226	±	35	47	2006/1768	700	±	90
22	2006/776	150	±	25	48	2006/1884	574	±	76
23	2006/793	116	±	20	49	2006/1902	982	±	119
24	2006/812	264	±	39	50	2006/1917	435	±	61
25	2006/847	427	±	61	51	2006/1932	549	±	73
26	2006/863	447	±	62	52	2006/1965	302	±	44

* Porucha odberového zariadenia

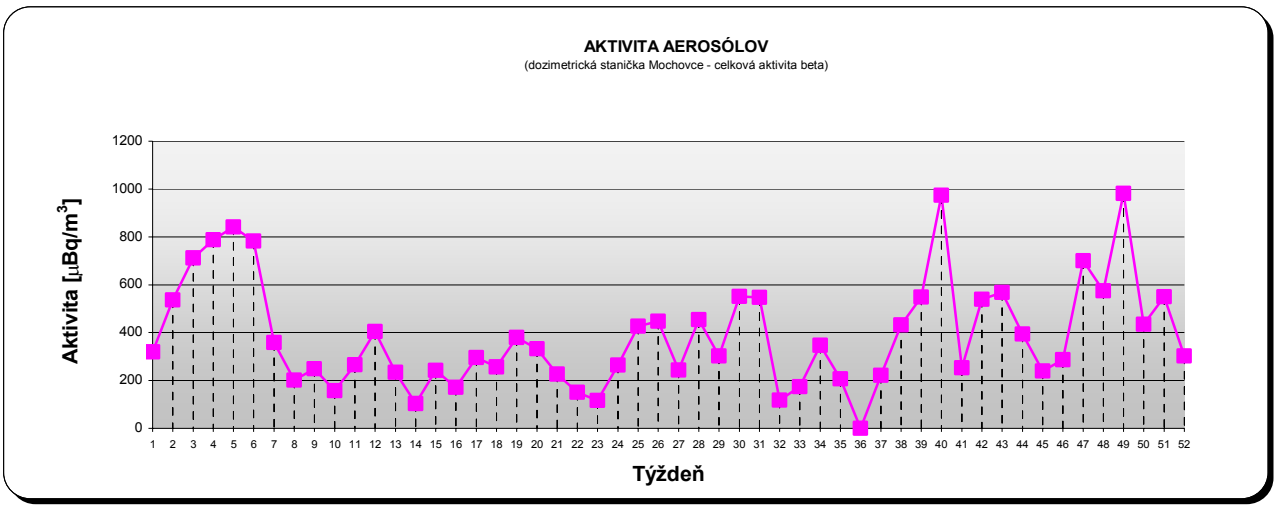


Table 209 Gross beta activity of aerosols - SDS Mochovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/6	292	±	43	27	2007/924	175	±	29
2	2007/21	113	±	20	28	2007/941	124	±	21
3	*	*		*	29	2007/1016	190	±	32
4	2007/78	165	±	27	30	2007/1091	376	±	55
5	2007/121	98	±	17	31	2007/1121	291	±	44
6	2007/155	315	±	46	32	2007/1154	220	±	35
7	2007/170	162	±	26	33	2007/1169	250	±	39
8	2007/187	150	±	25	34	2007/1237	265	±	42
9	2007/203	294	±	44	35	2007/1252	333	±	50
10	2007/271	100	±	17	36	2007/1286	222	±	35
11	2007/291	167	±	27	37	2007/1305	74	±	14
12	2007/326	22	±	4	38	2007/1353	296	±	46
13	2007/408	164	±	28	39	2007/1421	240	±	38
14	2007/425	308	±	47	40	2007/1448	304	±	46
15	2007/450	149	±	25	41	2007/1489	290	±	44
16	2007/481	297	±	45	42	2007/1509	272	±	42
17	2007/496	145	±	25	43	2007/1542	194	±	32
18	2007/565	228	±	36	44	2007/1629	365	±	54
19	2007/580	194	±	32	45	2007/1653	126	±	22
20	2007/625	160	±	27	46	2007/1728	89	±	16
21	2007/650	245	±	39	47	2007/1799	196	±	33
22	2007/728	290	±	44	48	2007/1847	310	±	47
23	2007/776	130	±	23	49	2007/1862	263	±	41
24	2007/792	293	±	45	50	2007/1905	150	±	25
25	2007/825	198	±	32	51	2007/1949	262	±	40
26	2007/840	191	±	31	52	2007/1964	515	±	70

* Porucha odberového zariadenia

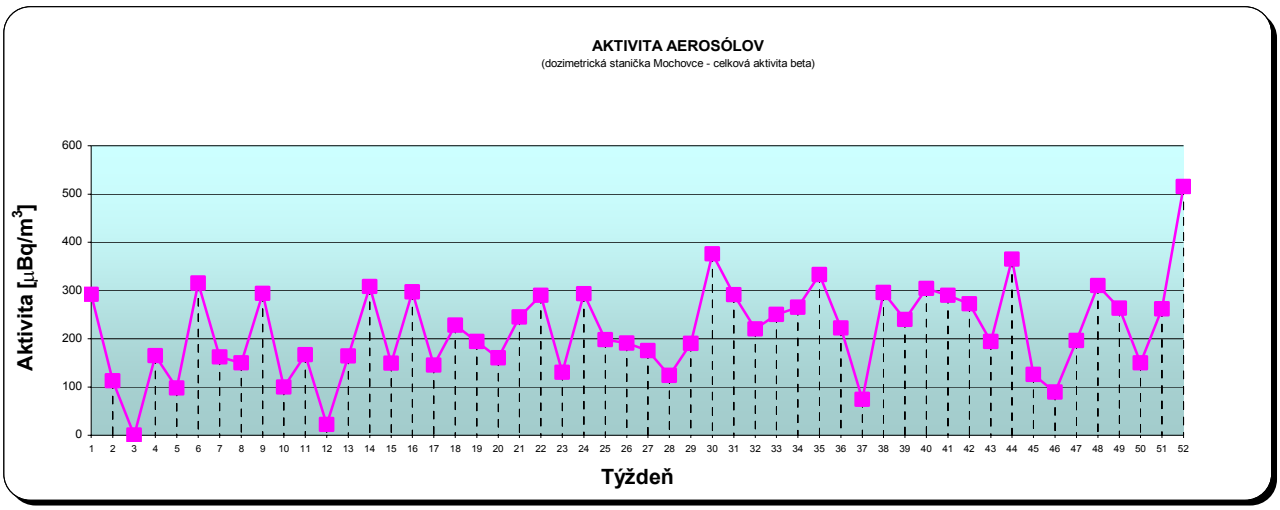


Table 210 Gross beta activity of aerosols - SDS Mochovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Mochovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/4	331	±	51	27	2008/981	169	±	15
2	2008/20	252	±	41	28	2008/1063	333	±	29
3	2008/35	345	±	52	29	2008/1087	173	±	15
4	2008/50	215	±	35	30	2008/1102	153	±	13
5	2008/120	114	±	21	31	2008/1167	196	±	17
6	2008/135	246	±	39	32	2008/1185	248	±	21
7	2008/162	207	±	34	33	2008/1212	188	±	16
8	2008/232	216	±	19	34	2008/1237	212	±	18
9	2008/299	310	±	27	35	2008/1283	170	±	15
10	2008/328	137	±	12	36	2008/1360	213	±	18
11	2008/368	185	±	16	37	2008/1398	493	±	42
12	2008/397	109	±	9	38	2008/1413	264	±	23
13	2008/413	127	±	11	39	2008/1500	158	±	14
14	2008/499	219	±	19	40	2008/1517	574	±	49
15	2008/518	168	±	14	41	2008/1553	476	±	41
16	2008/535	110	±	9	42	2008/1573	306	±	26
17	2008/606	119	±	10	43	2008/1595	461	±	40
18	2008/624	275	±	24	44	2008/1643	322	±	28
19	2008/643	119	±	10	45	2008/1716	459	±	39
20	2008/666	150	±	13	46	2008/1741	444	±	38
21	2008/700	195	±	17	47	2008/1756	324	±	28
22	2008/778	168	±	14	48	2008/1833	180	±	15
23	2008/801	278	±	24	49	2008/1873	195	±	17
24	2008/846	219	±	19	50	2008/1893	165	±	14
25	2008/863	131	±	11	51	2008/1938	246	±	21
26	2008/959	241	±	21	52	2008/2055	133	±	11

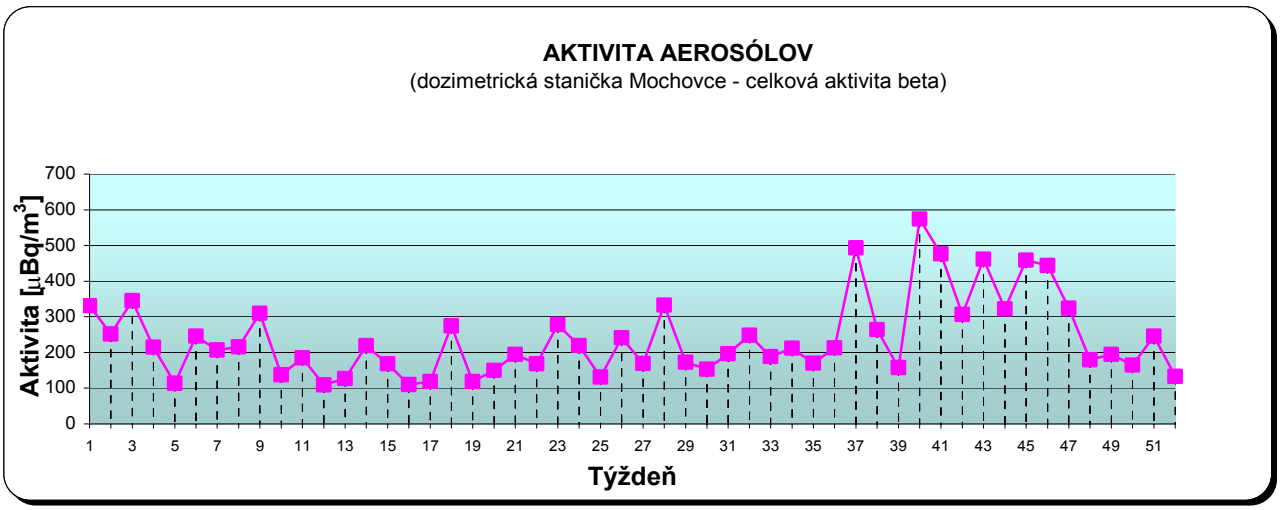


Table 211 Gross beta activity of aerosols - SDS Mochovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/5	236	±	38	27	2005/1027	215	±	33
2	2005/20	410	±	56	28	2005/1058	251	±	38
3	2005/41	268	±	40	29	2005/1076	414	±	59
4	2005/56	144	±	24	30	2005/1092	301	±	44
5	2005/125	241	±	37	31	2005/1164	494	±	67
6	2005/156	547	±	71	32	2005/1195	145	±	24
7	2005/190	343	±	51	33	2005/1243	263	±	39
8	2005/255	321	±	46	34	2005/1369	330	±	49
9	2005/270	264	±	41	35	2005/1384	391	±	57
10	2005/305	326	±	47	36	2005/1422	278	±	40
11	2005/332	214	±	33	37	2005/1443	680	±	89
12	2005/349	332	±	49	38	2005/1458	261	±	38
13	2005/377	453	±	59	39	2005/1521	739	±	94
14	2005/396	463	±	64	40	2005/1549	620	±	81
15	2005/428	378	±	53	41	2005/1593	921	±	113
16	2005/489	415	±	58	42	2005/1612	481	±	65
17	2005/555	319	±	46	43	2005/1633	417	±	58
18	2005/638	316	±	46	44	2005/1725	539	±	72
19	2005/665	136	±	23	45	2005/1779	1085	±	130
20	2005/698	211	±	33	46	2005/1885	911	±	115
21	2005/752	188	±	30	47	2005/1900	280	±	41
22	2005/819	429	±	59	48	2005/1993	346	±	50
23	2005/858	158	±	26	49	2005/2031	348	±	50
24	2005/878	341	±	49	50	2005/2057	454	±	62
25	2005/910	285	±	42	51	2005/2123	146	±	24
26	2005/1007	310	±	45	52	2005/2138	238	±	36

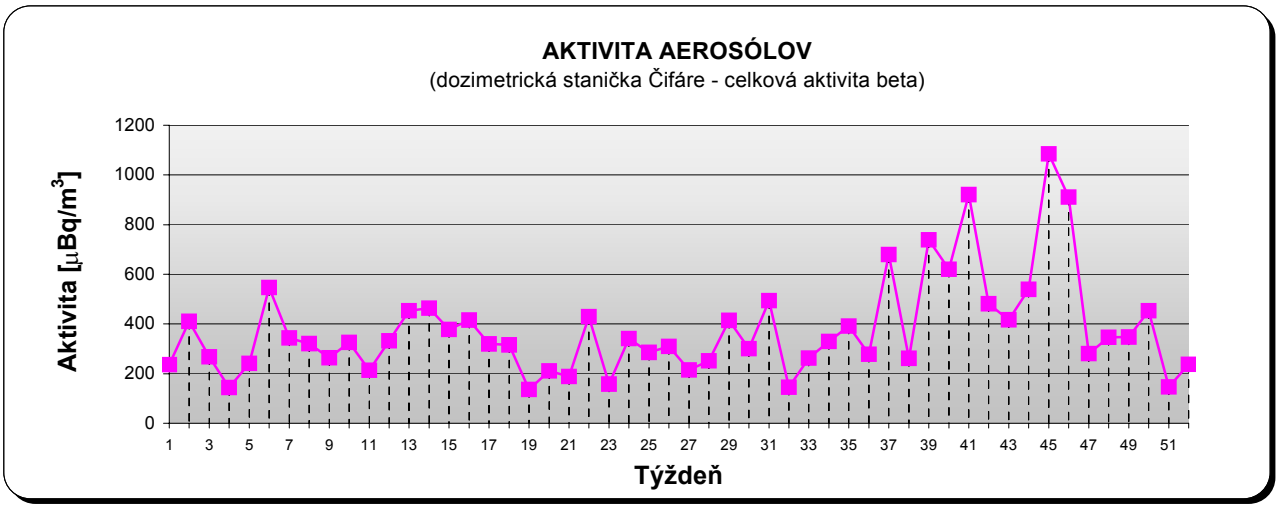


Table 212 Gross beta activity of aerosols - SDS Čifáre, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/6	370	±	54	27	2006/931	257	±	37
2	2006/21	612	±	82	28	2006/967	434	±	60
3	2006/37	724	±	92	29	2006/982	250	±	37
4	2006/53	932	±	118	30	2006/1108	557	±	72
5	2006/68	949	±	118	31	2006/1135	546	±	71
6	2006/83	844	±	105	32	2006/1154	166	±	26
7	2006/101	300	±	44	33	2006/1172	191	±	30
8	2006/130	204	±	32	34	2006/1193	331	±	47
9	2006/148	271	±	39	35	2006/1276	242	±	36
10	2006/261	170	±	27	36	2006/1323	202	±	31
11	2006/299	300	±	43	37	2006/1355	267	±	39
12	2006/368	505	±	66	38	2006/1373	489	±	64
13	2006/393	232	±	35	39	2006/1391	569	±	73
14	2006/415	127	±	21	40	2006/1486	961	±	114
15	2006/446	227	±	34	41	2006/1504	252	±	37
16	2006/511	185	±	29	42	2006/1578	556	±	71
17	2006/534	328	±	46	43	2006/1663	516	±	68
18	2006/595	241	±	36	44	2006/1678	343	±	48
19	2006/645	389	±	53	45	2006/1719	297	±	44
20	2006/682	339	±	48	46	2006/1742	231	±	35
21	2006/714	258	±	38	47	2006/1769	688	±	86
22	2006/777	146	±	24	48	2006/1885	532	±	69
23	2006/794	137	±	22	49	2006/1903	1013	±	120
24	2006/813	230	±	34	50	2006/1918	477	±	63
25	2006/848	398	±	56	51	2006/1933	547	±	71
26	2006/864	438	±	59	52	2006/1966	300	±	43

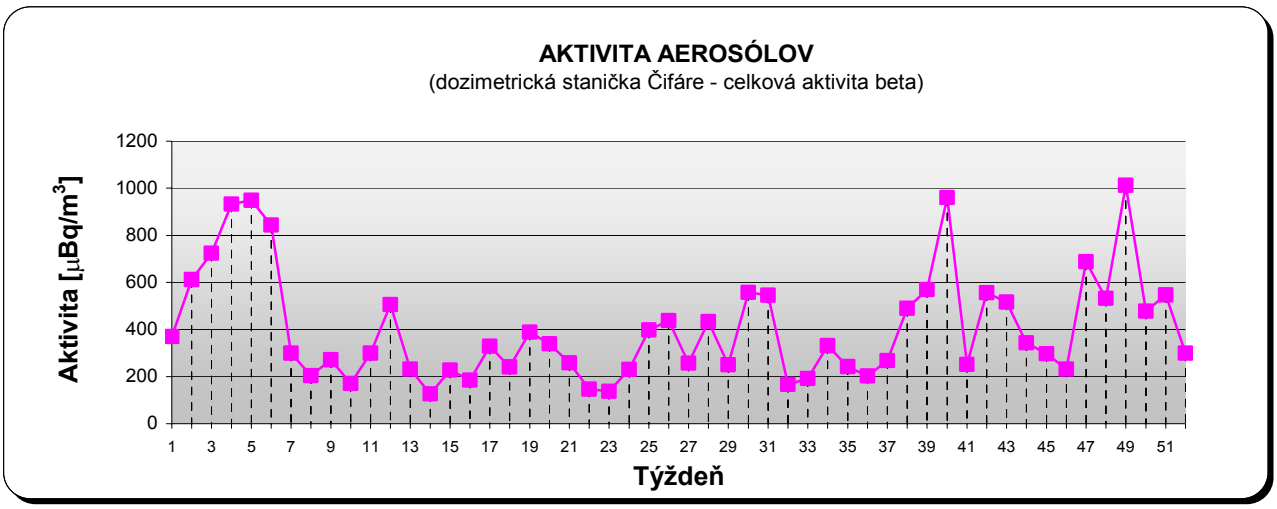


Table 213 Gross beta activity of aerosols - SDS Čifáre, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/7	271	±	39	27	2007/925	135	±	22
2	2007/22	124	±	21	28	2007/942	90	±	16
3	*	*		*	29	2007/1017	200	±	32
4	2007/79	182	±	28	30	2007/1092	314	±	45
5	2007/122	52	±	9	31	2007/1122	232	±	35
6	2007/156	148	±	24	32	2007/1155	190	±	30
7	2007/171	172	±	27	33	2007/1170	284	±	42
8	2007/188	185	±	29	34	2007/1238	235	±	37
9	2007/204	322	±	45	35	2007/1253	225	±	34
10	2007/272	67	±	12	36	2007/1287	167	±	26
11	2007/292	159	±	25	37	2007/1306	70	±	13
12	2007/327	31	±	6	38	2007/1354	256	±	39
13	2007/409	178	±	28	39	2007/1422	238	±	36
14	2007/426	289	±	42	40	2007/1449	239	±	36
15	2007/451	136	±	22	41	2007/1490	280	±	41
16	2007/482	244	±	36	42	2007/1510	251	±	37
17	2007/497	181	±	28	43	2007/1543	167	±	27
18	2007/566	234	±	35	44	2007/1630	339	±	48
19	2007/581	198	±	31	45	2007/1654	117	±	20
20	2007/626	142	±	23	46	2007/1729	58	±	11
21	2007/651	173	±	28	47	2007/1800	166	±	27
22	2007/729	274	±	40	48	2007/1848	261	±	40
23	2007/777	150	±	24	49	2007/1863	212	±	32
24	2007/793	238	±	36	50	2007/1906	154	±	25
25	2007/826	162	±	26	51	2007/1950	251	±	37
26	2007/841	145	±	24	52	2007/1965	434	±	58

* Porucha odberového zariadenia

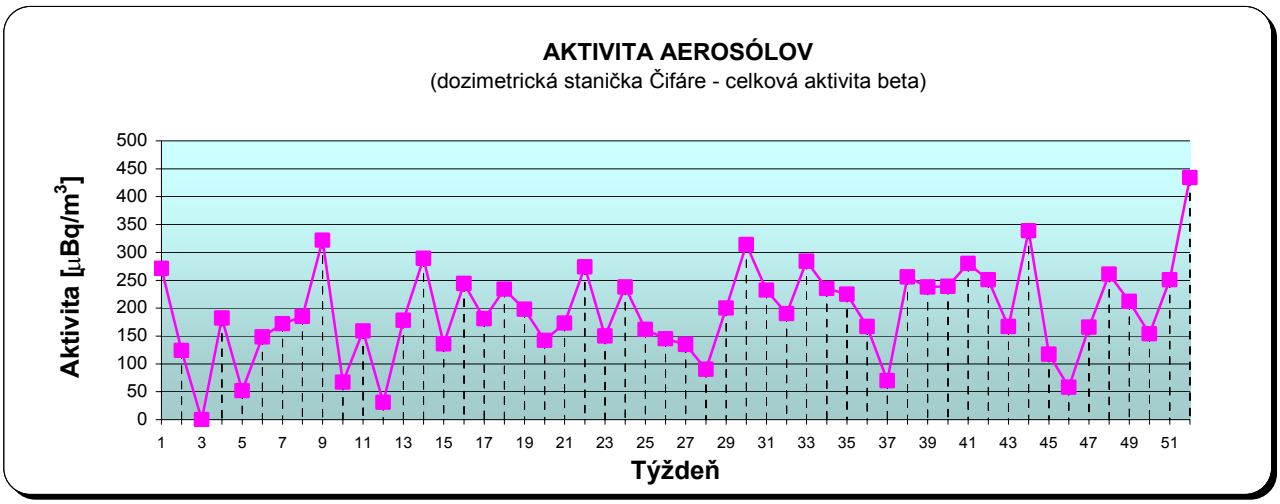


Table 214 Gross beta activity of aerosols - SDS Čifáre, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Čifáre - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/5	494	±	68	27	2008/982	163	±	14
2	2008/21	232	±	37	28	*	*		*
3	2008/36	259	±	39	29	*	*		*
4	2008/51	222	±	35	30	*	*		*
5	2008/121	135	±	23	31	*	*		*
6	2008/136	202	±	32	32	*	*		*
7	2008/163	153	±	25	33	*	*		*
8	2008/233	163	±	14	34	*	*		*
9	2008/300	253	±	22	35	*	*		*
10	2008/329	158	±	14	36	*	*		*
11	2008/369	168	±	14	37	2008/1399	409	±	35
12	2008/398	74	±	6	38	2008/1414	155	±	13
13	2008/414	108	±	9	39	2008/1501	169	±	15
14	2008/500	169	±	15	40	2008/1518	396	±	34
15	2008/519	121	±	10	41	2008/1554	371	±	32
16	2008/536	100	±	9	42	2008/1574	380	±	33
17	2008/607	106	±	9	43	2008/1596	364	±	31
18	2008/625	198	±	17	44	2008/1644	324	±	28
19	2008/644	123	±	11	45	2008/1717	377	±	32
20	2008/667	153	±	13	46	2008/1742	522	±	45
21	2008/701	216	±	19	47	2008/1757	403	±	35
22	2008/779	159	±	14	48	2008/1834	127	±	11
23	2008/802	283	±	24	49	2008/1874	195	±	17
24	2008/847	260	±	22	50	2008/1894	145	±	12
25	2008/864	114	±	10	51	2008/1939	264	±	23
26	2008/960	234	±	20	52	2008/2056	171	±	15

* Porucha odberového zariadenia

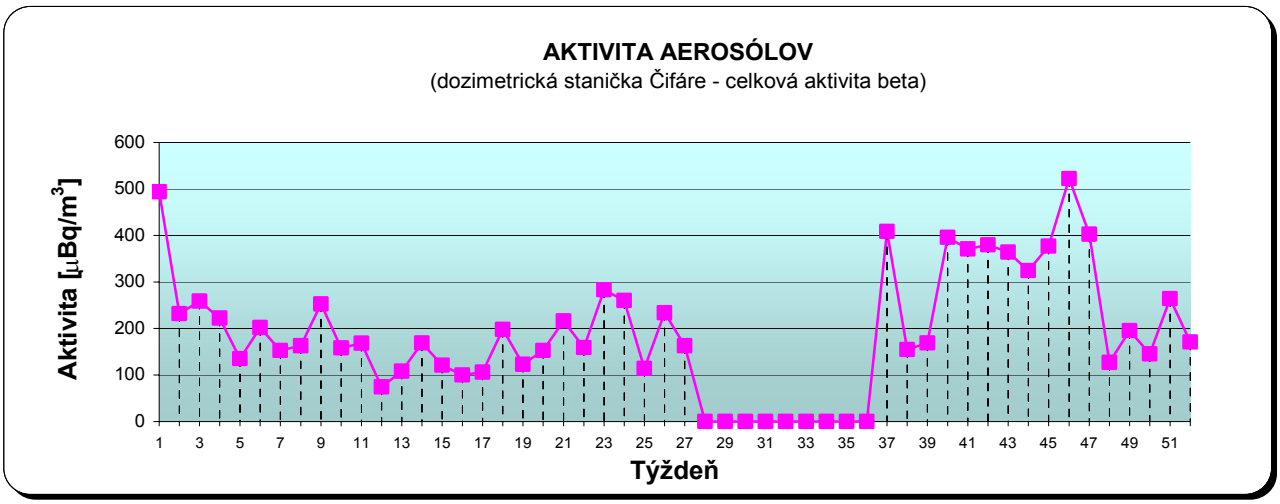


Table 215 Gross beta activity of aerosols - SDS Čifáre, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/6	278	±	44	27	2005/1028	167	±	27
2	2005/21	399	±	54	28	2005/1059	285	±	43
3	2005/42	270	±	40	29	2005/1077	410	±	58
4	2005/57	65	±	12	30	2005/1093	291	±	44
5	2005/126	265	±	40	31	2005/1165	307	±	46
6	2005/157	642	±	81	32	2005/1196	135	±	23
7	2005/191	536	±	74	33	2005/1244	305	±	44
8	2005/256	346	±	49	34	2005/1370	345	±	51
9	2005/271	260	±	41	35	2005/1385	417	±	60
10	2005/306	410	±	58	36	2005/1423	426	±	58
11	2005/333	225	±	35	37	2005/1444	524	±	73
12	2005/350	335	±	50	38	2005/1459	317	±	46
13	2005/378	448	±	59	39	2005/1522	768	±	98
14	2005/397	488	±	68	40	2005/1550	699	±	90
15	2005/429	340	±	49	41	2005/1594	937	±	115
16	2005/490	466	±	64	42	2005/1613	490	±	67
17	2005/556	362	±	52	43	2005/1634	464	±	64
18	2005/639	347	±	50	44	2005/1726	510	±	70
19	2005/666	117	±	20	45	2005/1780	1021	±	124
20	2005/699	229	±	36	46	2005/1886	1178	±	144
21	2005/753	232	±	36	47	2005/1901	266	±	40
22	2005/820	394	±	56	48	2005/1994	374	±	54
23	2005/859	194	±	31	49	2005/2032	332	±	49
24	2005/879	347	±	50	50	2005/2058	486	±	67
25	2005/911	300	±	45	51	2005/2124	142	±	24
26	2005/1008	332	±	48	52	2005/2139	260	±	39

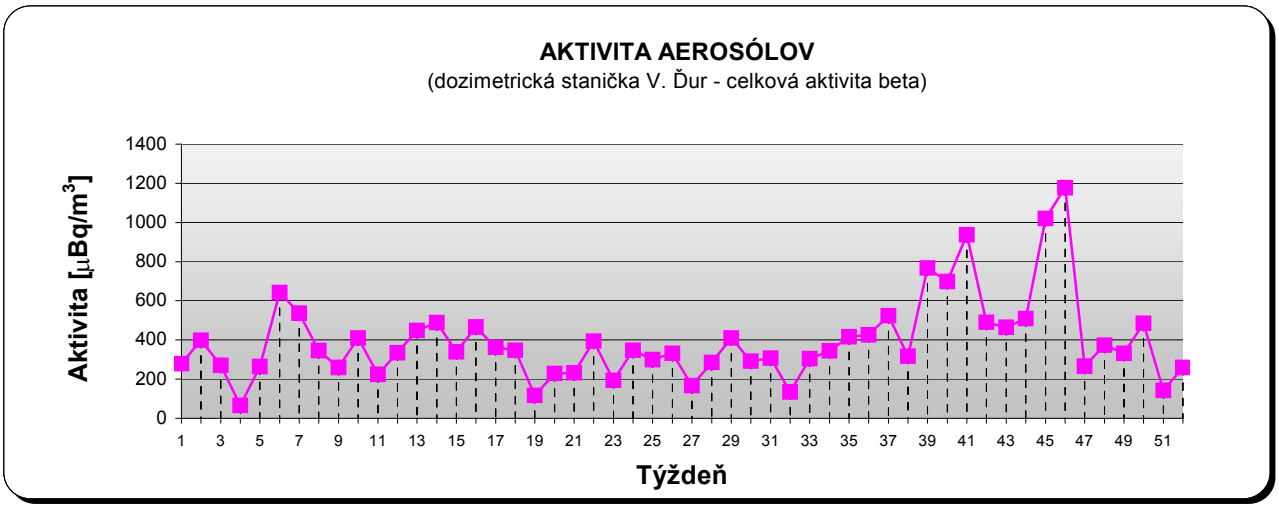


Table 216 Gross beta activity of aerosols - SDS V. Ďur, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/7	387	±	56	27	2006/932	277	±	43
2	2006/22	611	±	83	28	*	*		*
3	2006/38	657	±	86	29	*	*		*
4	2006/54	914	±	111	30	*	*		*
5	2006/69	990	±	124	31	*	*		*
6	2006/84	825	±	104	32	*	*		*
7	2006/102	325	±	48	33	*	*		*
8	2006/131	260	±	40	34	*	*		*
9	2006/149	303	±	44	35	*	*		*
10	2006/262	168	±	27	36	*	*		*
11	2006/300	268	±	40	37	2006/1356	86	±	16
12	2006/369	503	±	67	38	2006/1374	515	±	68
13	2006/394	308	±	44	39	2006/1392	681	±	86
14	2006/416	172	±	27	40	2006/1487	1062	±	126
15	2006/447	250	±	37	41	2006/1505	305	±	44
16	2006/512	191	±	30	42	2006/1579	593	±	77
17	2006/535	398	±	55	43	2006/1664	554	±	71
18	2006/596	285	±	41	44	2006/1679	258	±	39
19	2006/646	453	±	61	45	2006/1720	250	±	38
20	2006/683	375	±	52	46	2006/1743	295	±	43
21	2006/715	283	±	41	47	2006/1770	765	±	95
22	2006/778	187	±	29	48	2006/1886	611	±	79
23	2006/795	148	±	24	49	2006/1904	967	±	116
24	2006/814	229	±	34	50	2006/1919	478	±	64
25	2006/849	407	±	58	51	2006/1934	591	±	76
26	2006/865	553	±	73	52	2006/1967	315	±	45

* Porucha odberového zariadenia

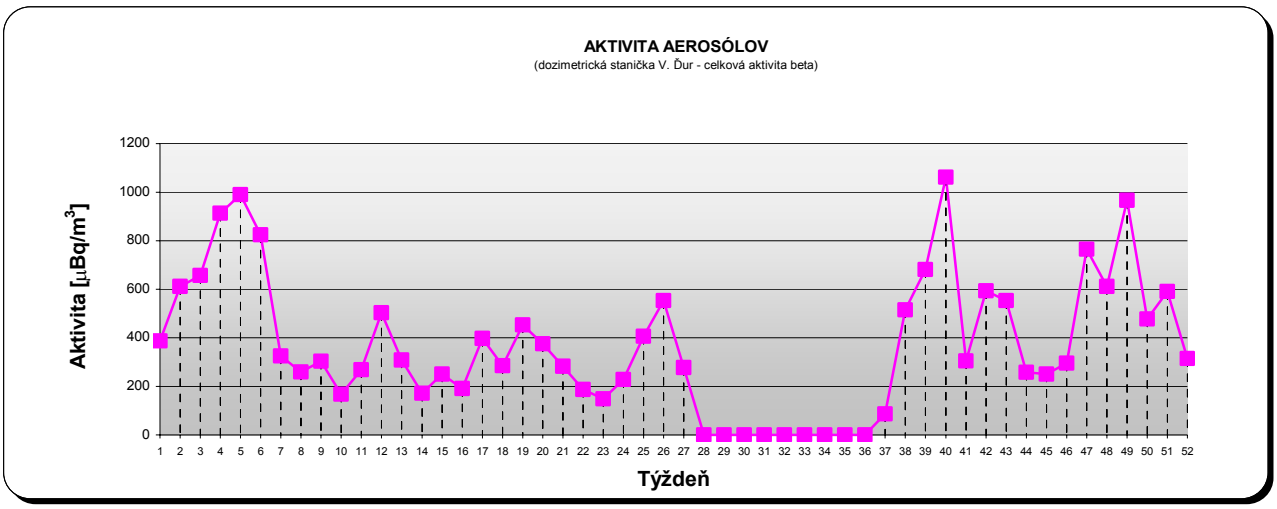


Table 217 Gross beta activity of aerosols - SDS V. Ďur, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/8	337	±	48	27	2007/926	278	±	41
2	2007/23	121	±	21	28	2007/943	126	±	21
3	2007/41	195	±	30	29	2007/1018	234	±	37
4	2007/80	183	±	29	30	2007/1093	398	±	55
5	2007/123	89	±	16	31	2007/1123	205	±	32
6	2007/157	164	±	26	32	2007/1156	203	±	32
7	2007/172	147	±	24	33	2007/1171	289	±	42
8	2007/189	182	±	28	34	2007/1239	213	±	34
9	2007/205	301	±	43	35	2007/1254	244	±	37
10	2007/273	104	±	18	36	2007/1288	173	±	27
11	2007/293	173	±	27	37	2007/1307	67	±	12
12	2007/328	118	±	20	38	2007/1355	253	±	39
13	2007/410	154	±	27	39	2007/1423	230	±	35
14	2007/427	298	±	43	40	2007/1450	274	±	40
15	2007/452	170	±	27	41	2007/1491	300	±	44
16	2007/483	245	±	37	42	2007/1511	260	±	39
17	2007/498	185	±	29	43	2007/1544	175	±	28
18	2007/567	258	±	38	44	2007/1631	312	±	45
19	2007/582	189	±	30	45	2007/1655	121	±	21
20	2007/627	218	±	33	46	2007/1730	70	±	13
21	2007/652	181	±	29	47	2007/1801	186	±	30
22	2007/730	283	±	42	48	2007/1849	317	±	47
23	2007/778	173	±	28	49	2007/1864	253	±	38
24	2007/794	271	±	40	50	2007/1907	160	±	25
25	2007/827	211	±	33	51	2007/1951	284	±	41
26	2007/842	141	±	23	52	2007/1966	495	±	65

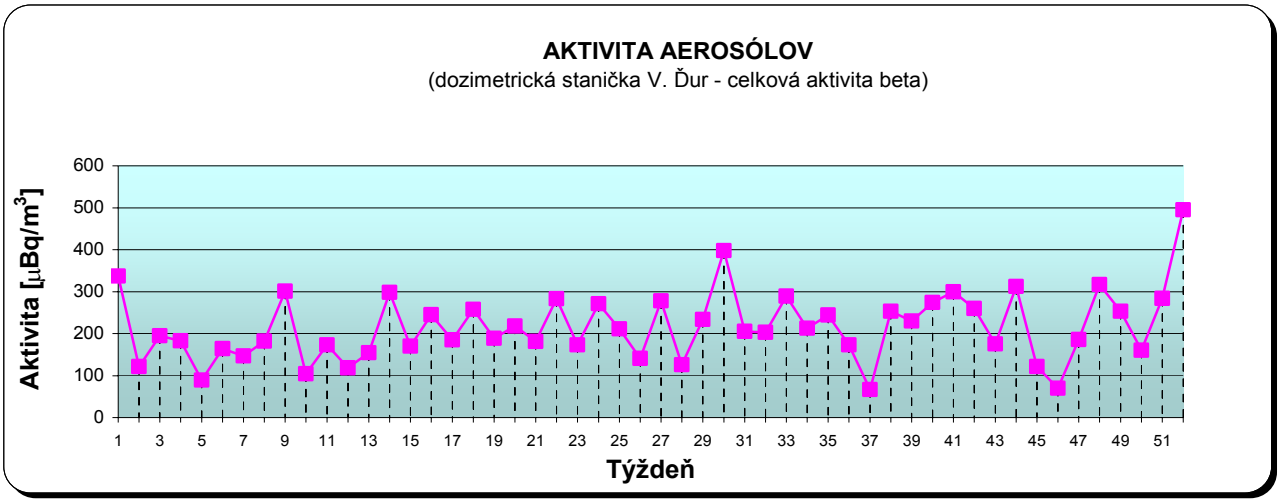


Table 218 Gross beta activity of aerosols - SDS V. Ďur, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička V. Ďur - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/6	438	±	62	27	2008/983	186	±	16
2	2008/22	366	±	53	28	2008/1065	277	±	24
3	2008/37	344	±	49	29	2008/1089	126	±	11
4	2008/52	201	±	32	30	2008/1104	192	±	17
5	2008/122	129	±	22	31	2008/1172	166	±	14
6	2008/137	165	±	27	32	2008/1187	244	±	21
7	2008/164	175	±	28	33	2008/1214	173	±	15
8	2008/234	177	±	15	34	2008/1239	218	±	19
9	2008/301	249	±	21	35	2008/1285	188	±	16
10	2008/330	129	±	11	36	2008/1362	234	±	20
11	2008/370	172	±	15	37	2008/1400	440	±	38
12	2008/399	91	±	8	38	2008/1415	182	±	16
13	2008/415	78	±	7	39	2008/1502	148	±	13
14	2008/501	185	±	16	40	2008/1519	386	±	33
15	2008/520	161	±	14	41	2008/1555	265	±	23
16	2008/537	167	±	14	42	2008/1575	369	±	32
17	2008/608	131	±	11	43	2008/1597	384	±	33
18	2008/626	208	±	18	44	2008/1645	292	±	25
19	2008/645	131	±	11	45	2008/1718	347	±	30
20	2008/668	180	±	15	46	2008/1743	454	±	39
21	2008/702	228	±	20	47	2008/1758	395	±	34
22	2008/780	158	±	14	48	2008/1835	128	±	11
23	2008/803	265	±	23	49	2008/1875	211	±	18
24	2008/848	229	±	20	50	2008/1895	145	±	13
25	2008/865	124	±	11	51	2008/1940	237	±	20
26	2008/961	204	±	18	52	2008/2057	115	±	10

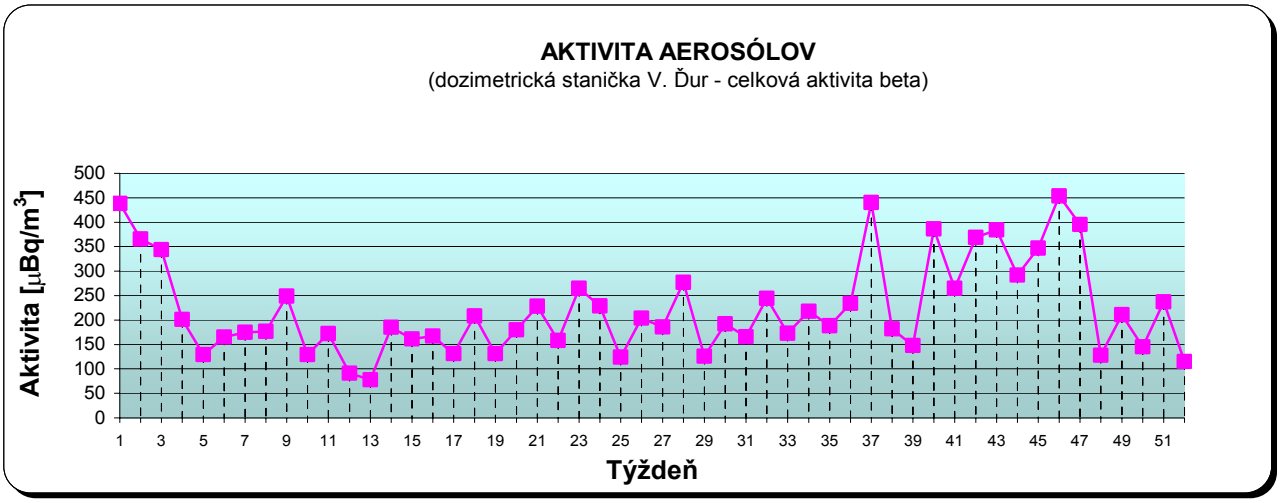


Table 219 Gross beta activity of aerosols - SDS V. Ďur, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/7	233	±	38	27	2005/1029	216	±	34
2	2005/22	367	±	51	28	2005/1060	264	±	41
3	2005/43	289	±	43	29	2005/1078	363	±	53
4	2005/58	176	±	28	30	2005/1094	251	±	37
5	2005/127	258	±	39	31	2005/1166	533	±	71
6	2005/158	603	±	78	32	2005/1197	125	±	21
7	2005/192	650	±	86	33	2005/1245	227	±	35
8	2005/257	327	±	46	34	2005/1371	318	±	48
9	2005/272	351	±	52	35	2005/1386	372	±	55
10	2005/307	349	±	50	36	2005/1424	430	±	59
11	2005/334	190	±	30	37	2005/1445	548	±	75
12	2005/351	259	±	40	38	2005/1460	270	±	40
13	2005/379	372	±	59	39	2005/1523	715	±	93
14	2005/398	463	±	64	40	2005/1551	546	±	70
15	2005/430	333	±	48	41	2005/1595	859	±	107
16	2005/491	330	±	47	42	2005/1614	436	±	61
17	2005/557	268	±	40	43	2005/1635	370	±	53
18	2005/640	270	±	40	44	2005/1727	520	±	71
19	2005/667	125	±	21	45	2005/1781	1044	±	123
20	2005/700	151	±	25	46	2005/1887	855	±	108
21	2005/754	189	±	30	47	2005/1902	275	±	42
22	2005/821	309	±	45	48	2005/1995	409	±	59
23	2005/860	133	±	22	49	2005/2033	334	±	47
24	2005/880	315	±	45	50	2005/2059	461	±	63
25	2005/912	261	±	39	51	2005/2125	142	±	24
26	2005/1009	268	±	41	52	2005/2140	179	±	29

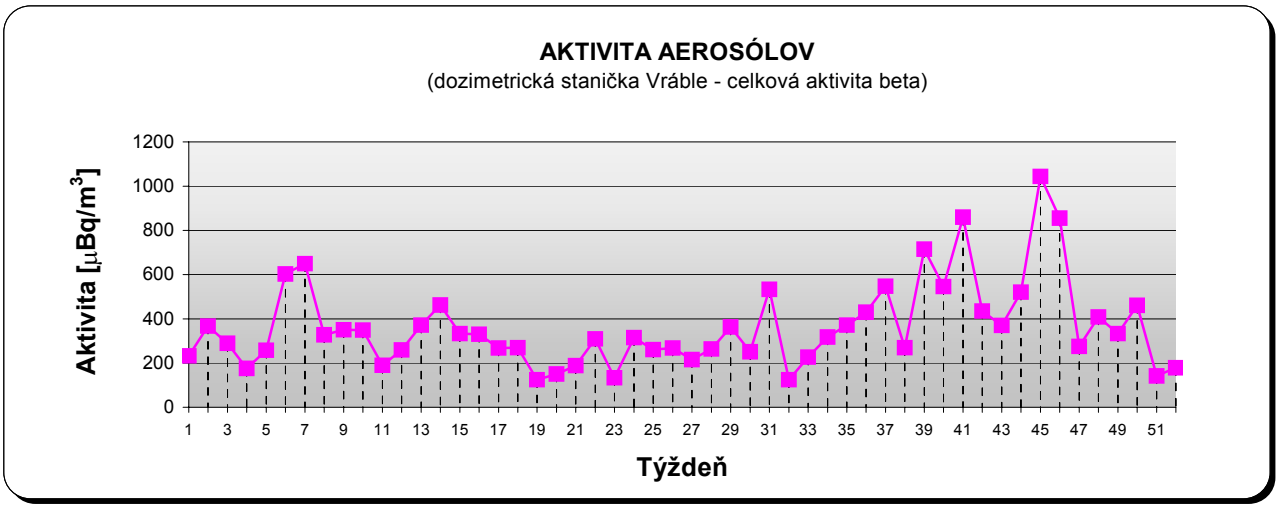


Table 220 Gross beta activity of aerosols - SDS Vráble, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]		
1	2006/8	366	±	55	27	2006/933	305	±	43
2	2006/23	533	±	69	28	2006/969	434	±	60
3	2006/39	666	±	85	29	2006/984	298	±	43
4	2006/55	955	±	114	30	2006/1110	401	±	55
5	2006/70	824	±	109	31	2006/1137	438	±	59
6	2006/85	901	±	116	32	2006/1156	119	±	20
7	2006/103	340	±	49	33	2006/1174	201	±	31
8	2006/132	250	±	38	34	2006/1195	310	±	44
9	2006/150	235	±	36	35	2006/1278	156	±	25
10	2006/263	124	±	20	36	2006/1325	187	±	29
11	2006/301	244	±	36	37	2006/1357	256	±	38
12	2006/370	416	±	56	38	2006/1375	501	±	66
13	2006/395	255	±	38	39	2006/1393	533	±	70
14	2006/417	142	±	23	40	2006/1488	868	±	105
15	2006/448	220	±	34	41	2006/1506	281	±	41
16	2006/513	199	±	31	42	2006/1580	479	±	64
17	2006/536	261	±	39	43	2006/1665	605	±	76
18	2006/597	237	±	35	44	2006/1680	328	±	47
19	2006/647	407	±	55	45	2006/1721	185	±	30
20	2006/684	301	±	43	46	2006/1744	202	±	31
21	2006/713	243	±	36	47	2006/1771	666	±	84
22	2006/779	111	±	19	48	2006/1887	521	±	68
23	2006/796	77	±	14	49	2006/1905	917	±	111
24	2006/815	197	±	30	50	2006/1920	417	±	57
25	2006/850	368	±	52	51	2006/1935	530	±	70
26	2006/866	350	±	49	52	2006/1968	257	±	38

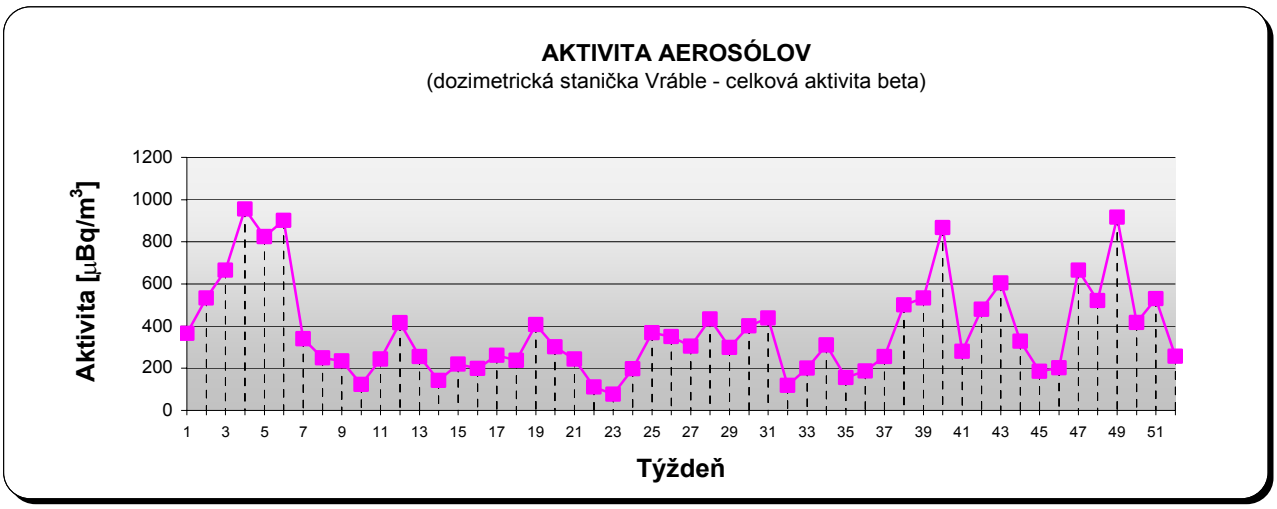


Table 221 Gross beta activity of aerosols - SDS Vráble, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/9	330	±	47	27	2007/927	210	±	32
2	2007/24	123	±	21	28	2007/944	99	±	17
3	2007/42	161	±	25	29	2007/1019	205	±	32
4	2007/81	205	±	31	30	2007/1094	345	±	48
5	2007/124	78	±	14	31	2007/1124	201	±	31
6	2007/158	146	±	24	32	2007/1157	165	±	26
7	2007/173	150	±	24	33	2007/1172	227	±	34
8	2007/190	222	±	33	34	2007/1240	215	±	33
9	2007/206	295	±	42	35	2007/1255	237	±	35
10	2007/274	92	±	16	36	2007/1289	165	±	26
11	2007/294	146	±	24	37	2007/1308	70	±	13
12	2007/329	148	±	24	38	2007/1356	242	±	37
13	2007/411	170	±	27	39	2007/1424	248	±	37
14	2007/428	264	±	39	40	2007/1451	272	±	40
15	2007/453	150	±	24	41	2007/1492	257	±	38
16	2007/484	214	±	33	42	2007/1512	288	±	42
17	2007/499	129	±	22	43	2007/1545	149	±	24
18	2007/568	246	±	37	44	2007/1632	314	±	45
19	2007/583	161	±	26	45	2007/1656	96	±	17
20	2007/628	158	±	25	46	2007/1731	43	±	8
21	2007/653	166	±	26	47	2007/1802	124	±	21
22	2007/731	209	±	32	48	2007/1850	338	±	50
23	2007/779	138	±	22	49	2007/1865	207	±	32
24	2007/795	267	±	39	50	2007/1908	121	±	20
25	2007/828	186	±	29	51	2007/1952	250	±	37
26	2007/843	127	±	21	52	2007/1967	495	±	65

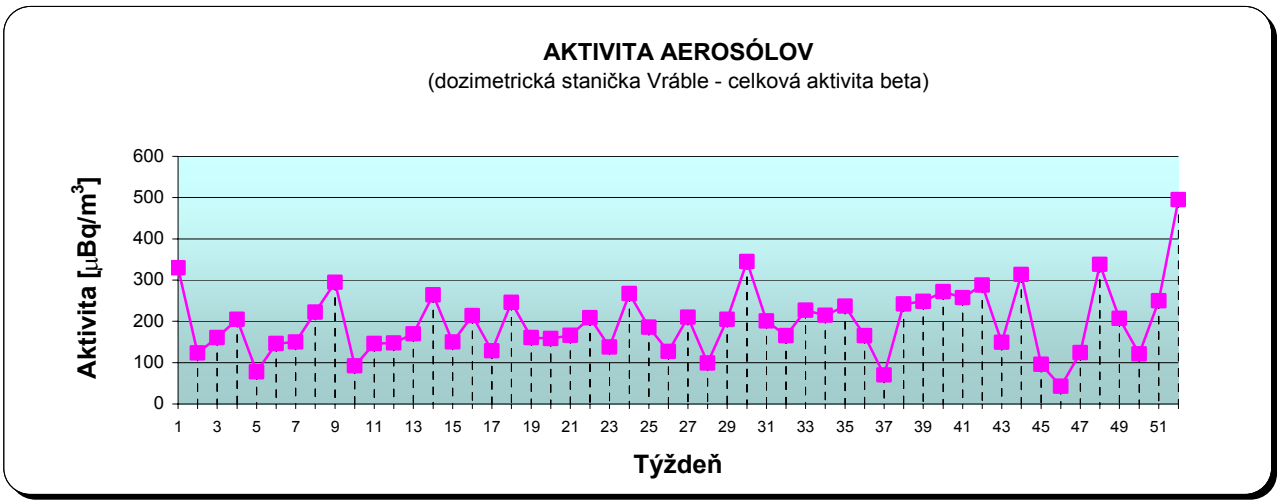


Table 222 Gross beta activity of aerosols - SDS Vráble, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Vráble - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/7	370	±	54	27	2008/984	181	±	16
2	2008/23	337	±	50	28	2008/1066	290	±	25
3	2008/38	334	±	49	29	2008/1090	155	±	13
4	2008/53	178	±	29	30	2008/1105	117	±	10
5	2008/123	120	±	21	31	2008/1173	147	±	13
6	2008/138	174	±	28	32	2008/1188	239	±	21
7	2008/165	188	±	30	33	2008/1215	180	±	15
8	2008/235	139	±	12	34	2008/1240	161	±	14
9	2008/302	203	±	17	35	2008/1286	159	±	14
10	2008/331	112	±	10	36	2008/1363	204	±	18
11	2008/371	176	±	15	37	2008/1401	386	±	33
12	2008/400	82	±	7	38	2008/1416	195	±	17
13	2008/416	64	±	5	39	2008/1503	146	±	13
14	2008/502	198	±	17	40	2008/1520	427	±	37
15	2008/521	131	±	11	41	2008/1556	200	±	17
16	2008/538	137	±	12	42	2008/1576	272	±	23
17	2008/609	99	±	9	43	2008/1598	301	±	26
18	2008/627	222	±	19	44	2008/1646	293	±	25
19	2008/646	165	±	14	45	2008/1719	346	±	30
20	2008/669	129	±	11	46	2008/1744	444	±	38
21	2008/703	170	±	15	47	2008/1759	383	±	33
22	2008/781	127	±	11	48	2008/1836	133	±	11
23	2008/804	257	±	22	49	2008/1876	237	±	20
24	2008/849	182	±	16	50	2008/1896	144	±	12
25	2008/866	136	±	12	51	2008/1941	209	±	18
26	2008/962	205	±	18	52	2008/2058	111	±	10

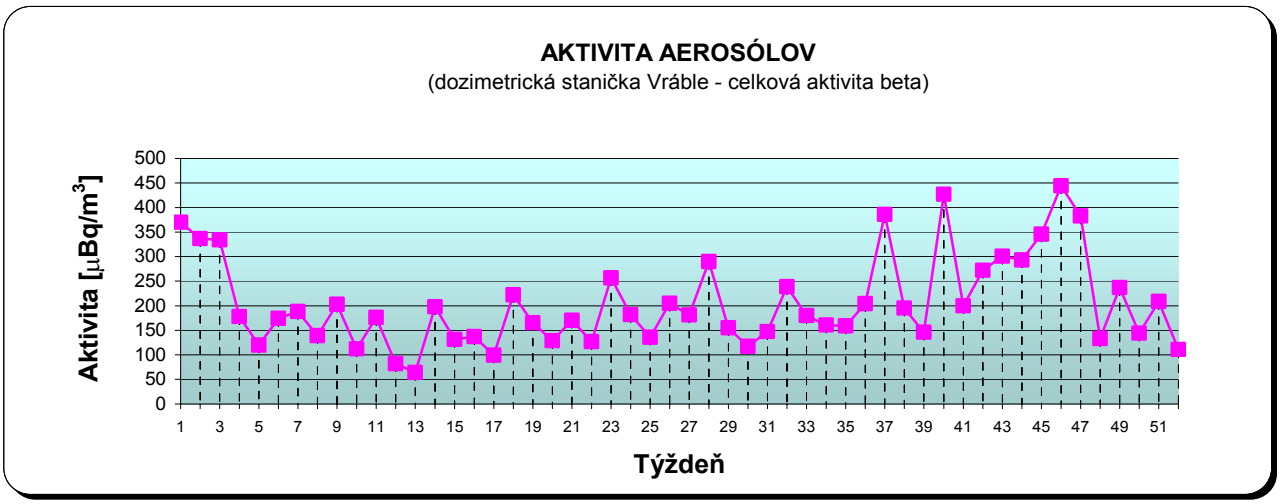


Table 223 Gross beta activity of aerosols - SDS Vráble, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/8	219	±	36	27	2005/1030	163	±	27
2	2005/23	400	±	54	28	2005/1061	279	±	41
3	2005/44	281	±	41	29	2005/1079	363	±	52
4	2005/59	144	±	24	30	2005/1095	255	±	39
5	2005/128	260	±	39	31	2005/1167	603	±	79
6	2005/159	650	±	83	32	2005/1198	121	±	21
7	2005/193	616	±	82	33	2005/1246	229	±	35
8	2005/258	314	±	45	34	2005/1372	320	±	48
9	2005/273	288	±	44	35	2005/1387	398	±	57
10	2005/308	320	±	47	36	2005/1425	392	±	54
11	2005/335	184	±	29	37	2005/1446	604	±	81
12	2005/352	334	±	50	38	2005/1461	293	±	42
13	2005/380	464	±	61	39	2005/1524	722	±	92
14	2005/399	461	±	64	40	2005/1552	602	±	79
15	2005/431	342	±	49	41	2005/1596	903	±	111
16	2005/492	205	±	32	42	2005/1615	412	±	58
17	2005/558	298	±	44	43	2005/1636	434	±	60
18	2005/641	267	±	40	44	2005/1728	591	±	78
19	2005/668	153	±	25	45	2005/1782	945	±	116
20	2005/701	187	±	30	46	2005/1888	1001	±	124
21	2005/755	258	±	39	47	2005/1903	308	±	44
22	2005/822	444	±	61	48	2005/1996	379	±	54
23	2005/861	183	±	29	49	2005/2034	343	±	50
24	2005/881	352	±	50	50	2005/2060	491	±	67
25	2005/913	313	±	49	51	2005/2126	137	±	23
26	2005/1010	283	±	43	52	2005/2141	242	±	36

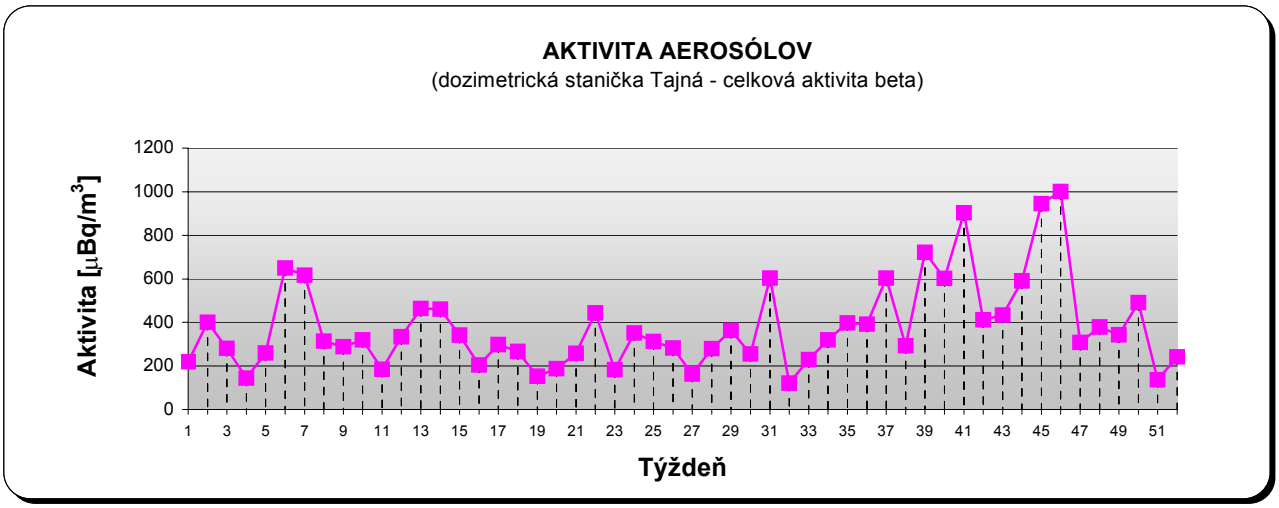


Table 224 Gross beta activity of aerosols - SDS Tajná, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/9	401	±	58	27	2006/934	284	±	40
2	2006/24	545	±	75	28	2006/970	436	±	60
3	2006/40	716	±	91	29	2006/985	256	±	38
4	2006/56	820	±	100	30	2006/1111	525	±	69
5	2006/71	941	±	118	31	2006/1138	515	±	68
6	2006/86	719	±	91	32	2006/1157	118	±	20
7	2006/104	371	±	53	33	2006/1175	180	±	28
8	2006/133	258	±	39	34	2006/1196	312	±	45
9	2006/151	277	±	40	35	2006/1279	214	±	33
10	2006/264	222	±	34	36	2006/1326	206	±	31
11	2006/302	269	±	39	37	2006/1358	258	±	38
12	2006/371	509	±	67	38	2006/1376	415	±	56
13	2006/396	228	±	34	39	2006/1394	588	±	76
14	2006/418	134	±	22	40	2006/1489	955	±	113
15	2006/449	256	±	38	41	2006/1507	255	±	38
16	2006/514	142	±	23	42	2006/1581	503	±	66
17	2006/537	373	±	52	43	2006/1666	492	±	64
18	2006/598	268	±	39	44	2006/1681	341	±	48
19	2006/648	363	±	51	45	2006/1722	239	±	37
20	2006/685	354	±	49	46	2006/1745	284	±	41
21	2006/712	232	±	35	47	2006/1772	668	±	84
22	2006/780	139	±	23	48	2006/1888	582	±	75
23	2006/797	94	±	16	49	2006/1906	973	±	116
24	2006/816	181	±	28	50	2006/1921	439	±	59
25	2006/851	411	±	57	51	2006/1936	585	±	75
26	2006/867	405	±	55	52	2006/1969	256	±	38

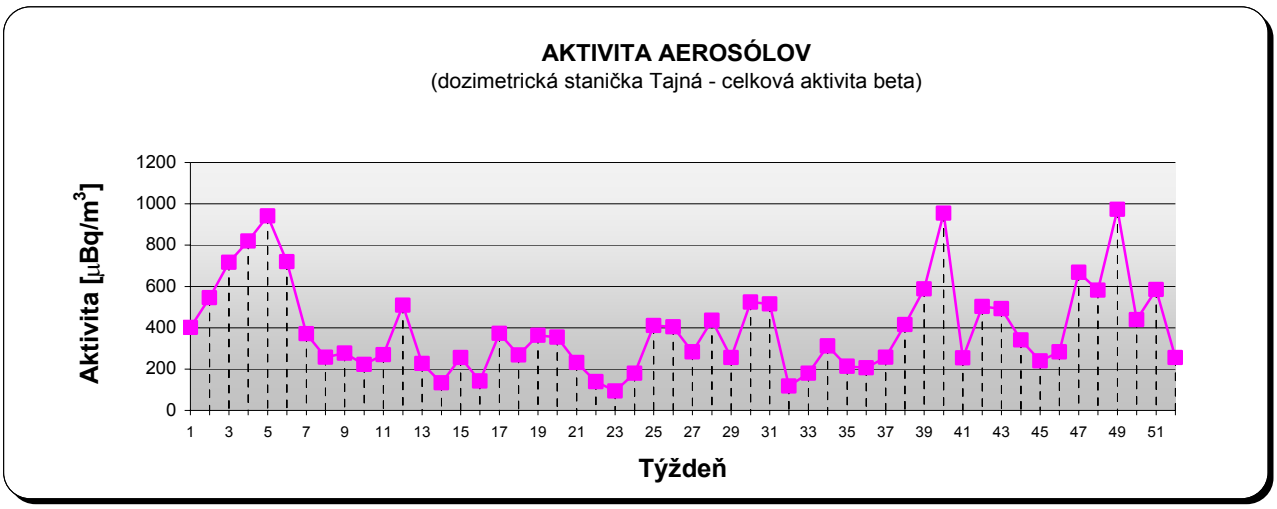


Table 225 Gross beta activity of aerosols - SDS Tajná, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/10	321	±	45	27	2007/928	212	±	33
2	2007/25	130	±	22	28	2007/945	133	±	22
3	2007/43	141	±	23	29	2007/1020	200	±	32
4	2007/82	158	±	25	30	2007/1095	313	±	45
5	2007/125	62	±	11	31	2007/1125	177	±	28
6	2007/159	122	±	20	32	2007/1158	178	±	28
7	2007/174	135	±	22	33	2007/1173	255	±	38
8	2007/191	177	±	28	34	2007/1241	213	±	34
9	2007/207	324	±	45	35	2007/1256	304	±	44
10	2007/275	104	±	18	36	2007/1290	172	±	27
11	2007/295	125	±	21	37	2007/1309	117	±	20
12	2007/330	168	±	26	38	2007/1357	226	±	36
13	2007/412	179	±	29	39	2007/1425	233	±	36
14	2007/429	281	±	41	40	2007/1452	261	±	39
15	2007/454	184	±	29	41	2007/1493	340	±	49
16	2007/485	250	±	38	42	2007/1513	270	±	40
17	2007/500	146	±	24	43	2007/1546	154	±	25
18	2007/569	216	±	33	44	2007/1633	357	±	50
19	2007/584	201	±	31	45	2007/1657	114	±	20
20	2007/629	157	±	26	46	2007/1732	67	±	12
21	2007/654	173	±	28	47	2007/1803	145	±	24
22	2007/732	302	±	44	48	2007/1851	300	±	45
23	2007/780	127	±	21	49	2007/1866	222	±	33
24	2007/796	254	±	38	50	2007/1909	192	±	31
25	2007/829	196	±	31	51	2007/1953	285	±	41
26	2007/844	159	±	26	52	2007/1968	526	±	68

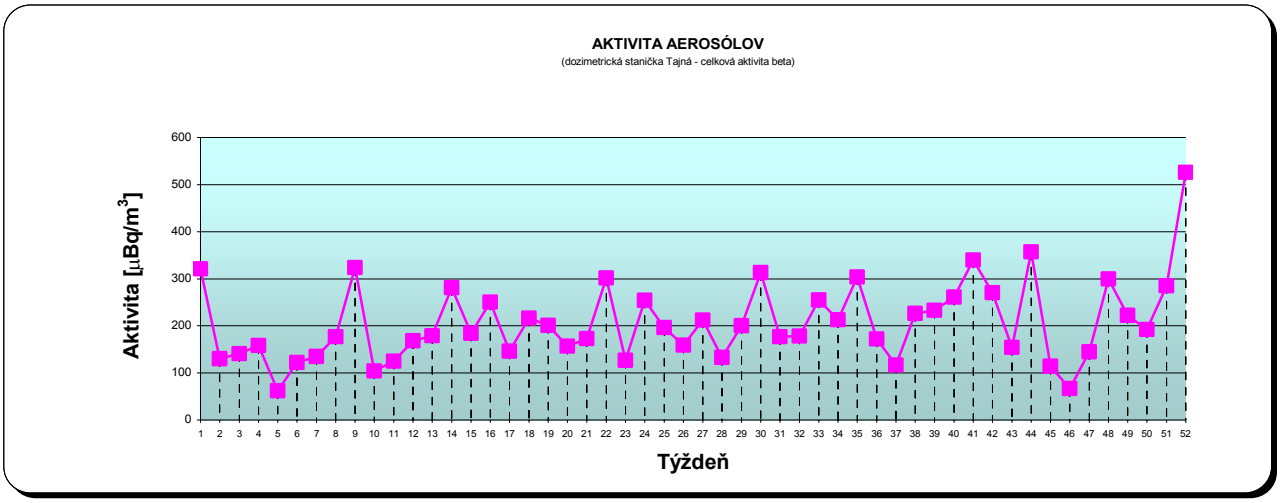


Table 226 Gross beta activity of aerosols - SDS Tajná, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Tajná - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/8	376	±	54	27	2008/985	247	±	21
2	2008/24	324	±	48	28	2008/1067	240	±	21
3	2008/39	281	±	42	29	2008/1091	167	±	14
4	2008/54	224	±	35	30	2008/1106	155	±	13
5	2008/124	117	±	20	31	2008/1174	142	±	12
6	2008/139	219	±	34	32	2008/1189	200	±	17
7	2008/166	157	±	26	33	2008/1216	170	±	15
8	2008/236	178	±	15	34	2008/1241	208	±	18
9	2008/303	237	±	20	35	2008/1287	132	±	11
10	2008/332	139	±	12	36	2008/1364	238	±	20
11	2008/372	158	±	14	37	2008/1402	430	±	37
12	2008/401	65	±	6	38	2008/1417	149	±	13
13	2008/417	89	±	8	39	2008/1504	128	±	11
14	2008/503	209	±	18	40	2008/1521	359	±	31
15	2008/522	127	±	11	41	2008/1557	201	±	17
16	2008/539	174	±	15	42	2008/1577	432	±	37
17	2008/610	98	±	8	43	2008/1599	353	±	30
18	2008/628	225	±	19	44	2008/1647	364	±	31
19	2008/647	104	±	9	45	2008/1720	338	±	29
20	2008/670	157	±	13	46	2008/1745	443	±	38
21	2008/704	202	±	17	47	2008/1760	391	±	34
22	2008/782	139	±	12	48	2008/1837	119	±	10
23	2008/805	276	±	24	49	2008/1877	171	±	15
24	2008/850	205	±	18	50	2008/1897	130	±	11
25	2008/867	130	±	11	51	2008/1942	232	±	20
26	2008/963	196	±	17	52	2008/2059	123	±	11

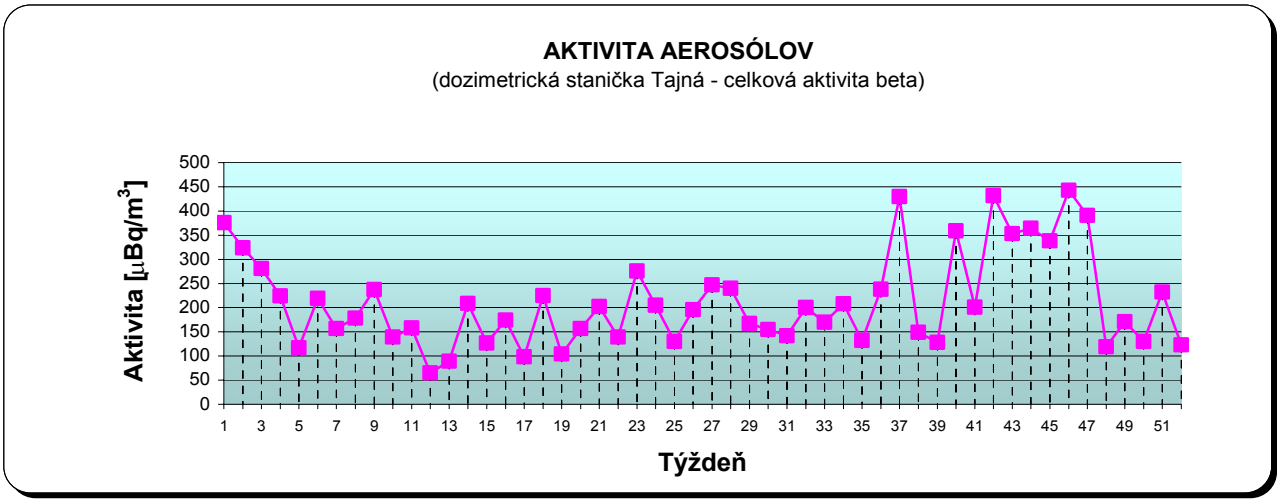


Table 227 Gross beta activity of aerosols - SDS Tajná, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/9	250	±	40	27	2005/1031	323	±	48
2	2005/24	433	±	58	28	2005/1062	383	±	55
3	2005/45	356	±	51	29	2005/1080	297	±	44
4	2005/60	176	±	28	30	2005/1096	362	±	52
5	2005/129	311	±	45	31	2005/1168	699	±	90
6	2005/160	766	±	91	32	2005/1199	156	±	26
7	2005/194	126	±	24	33	2005/1247	310	±	45
8	2005/259	398	±	56	34	2005/1373	420	±	61
9	2005/274	406	±	59	35	2005/1388	510	±	69
10	2005/309	430	±	60	36	2005/1426	380	±	72
11	2005/336	256	±	39	37	2005/1447	532	±	76
12	2005/353	398	±	58	38	2005/1462	330	±	47
13	2005/381	608	±	77	39	2005/1525	911	±	113
14	2005/400	577	±	78	40	2005/1553	748	±	96
15	2005/432	430	±	60	41	2005/1597	1061	±	129
16	2005/493	544	±	73	42	2005/1616	526	±	71
17	2005/559	488	±	67	43	2005/1637	576	±	77
18	2005/642	398	±	56	44	2005/1729	624	±	82
19	2005/669	161	±	27	45	2005/1783	1362	±	160
20	2005/702	253	±	39	46	2005/1889	1081	±	134
21	2005/756	247	±	38	47	2005/1904	303	±	44
22	2005/823	464	±	64	48	2005/1997	441	±	62
23	2005/862	216	±	34	49	2005/2035	394	±	56
24	2005/882	438	±	61	50	2005/2061	571	±	78
25	2005/914	408	±	57	51	2005/2127	185	±	30
26	2005/1011	313	±	46	52	2005/2142	278	±	41

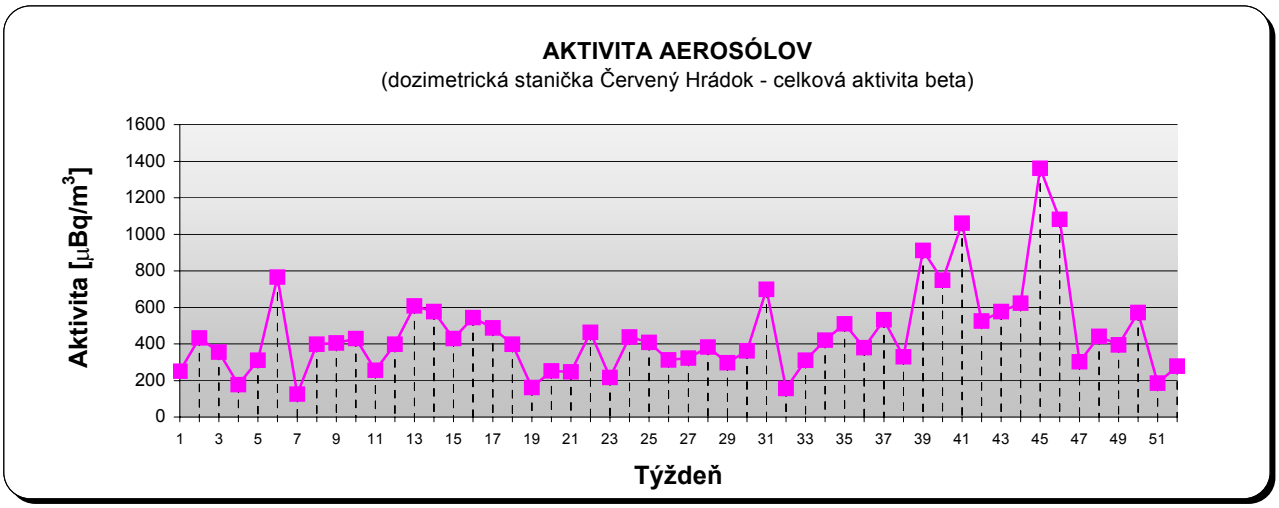


Table 228 Gross beta activity of aerosols - SDS Č. Hrádok, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/10	428	±	61	27	2006/935	291	±	42
2	2006/25	702	±	93	28	2006/971	542	±	73
3	2006/41	788	±	100	29	2006/986	411	±	57
4	2006/57	1104	±	131	30	2006/1112	635	±	81
5	2006/72	1125	±	139	31	2006/1139	579	±	75
6	2006/87	1049	±	128	32	2006/1158	197	±	31
7	2006/105	363	±	52	33	2006/1176	259	±	39
8	2006/134	205	±	38	34	2006/1197	345	±	49
9	2006/152	384	±	54	35	2006/1280	286	±	42
10	2006/265	244	±	37	36	2006/1327	277	±	41
11	2006/303	392	±	54	37	2006/1359	341	±	49
12	2006/372	607	±	78	38	2006/1377	540	±	71
13	2006/397	288	±	42	39	2006/1395	677	±	86
14	2006/419	175	±	28	40	2006/1490	1137	±	134
15	2006/450	359	±	51	41	2006/1508	314	±	45
16	2006/515	272	±	40	42	2006/1582	741	±	93
17	2006/538	463	±	63	43	2006/1667	656	±	82
18	2006/599	351	±	49	44	2006/1682	399	±	55
19	2006/649	496	±	66	45	2006/1723	341	±	50
20	2006/686	409	±	56	46	2006/1746	321	±	46
21	2006/711	348	±	50	47	2006/1773	830	±	102
22	2006/781	197	±	31	48	2006/1889	673	±	86
23	2006/798	157	±	25	49	2006/1907	1197	±	141
24	2006/817	297	±	42	50	2006/1922	536	±	70
25	2006/852	483	±	67	51	2006/1937	725	±	91
26	2006/868	332	±	49	52	2006/1970	372	±	52

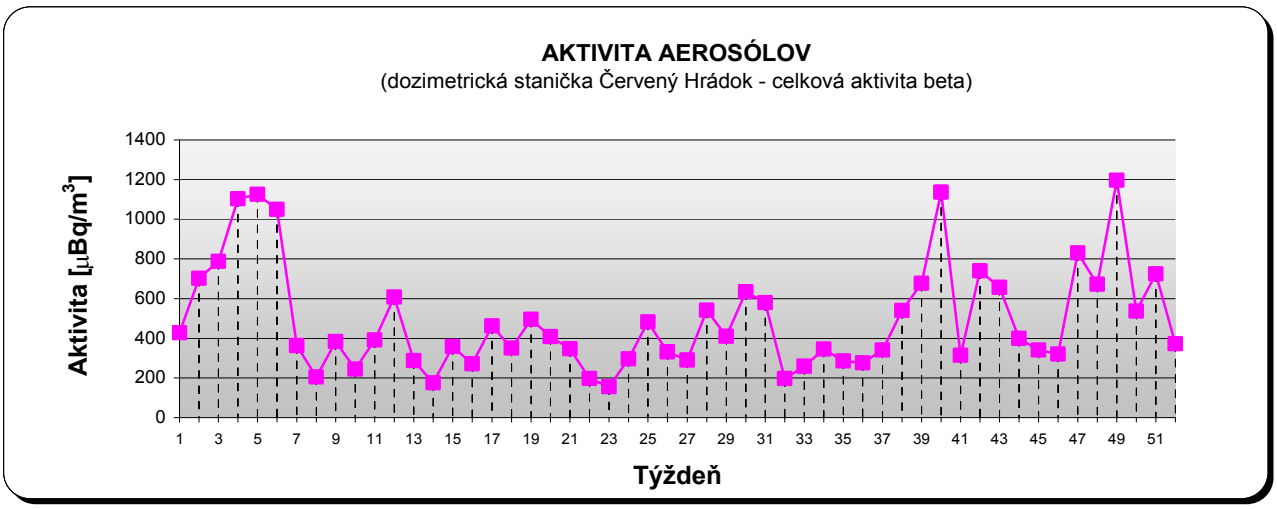


Table 229 Gross beta activity of aerosols - SDS Č. Hrádok, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/11	441	±	60	27	2007/929	234	±	35
2	2007/26	189	±	30	28	2007/946	120	±	20
3	2007/44	139	±	24	29	2007/1021	245	±	37
4	2007/83	148	±	24	30	2007/1096	325	±	48
5	2007/126	122	±	21	31	2007/1126	369	±	52
6	2007/160	119	±	20	32	2007/1159	187	±	30
7	2007/175	131	±	22	33	2007/1174	271	±	40
8	2007/192	199	±	31	34	2007/1242	223	±	35
9	2007/208	320	±	45	35	2007/1257	264	±	39
10	2007/276	88	±	15	36	2007/1291	153	±	25
11	2007/296	154	±	25	37	2007/1310	86	±	15
12	2007/331	90	±	15	38	2007/1358	298	±	46
13	2007/413	230	±	37	39	2007/1426	389	±	54
14	2007/430	240	±	36	40	2007/1453	297	±	43
15	2007/455	142	±	23	41	2007/1494	339	±	49
16	2007/486	264	±	39	42	2007/1514	253	±	38
17	2007/501	159	±	26	43	2007/1547	133	±	22
18	2007/570	225	±	34	44	2007/1634	331	±	47
19	2007/585	223	±	34	45	2007/1658	122	±	21
20	2007/630	173	±	28	46	2007/1733	39	±	8
21	2007/655	189	±	30	47	2007/1804	186	±	30
22	2007/733	292	±	43	48	2007/1852	284	±	43
23	2007/781	124	±	21	49	2007/1867	191	±	30
24	2007/797	227	±	35	50	2007/1910	150	±	24
25	2007/830	202	±	32	51	2007/1954	182	±	32
26	2007/845	164	±	26	52	2007/1969	469	±	62

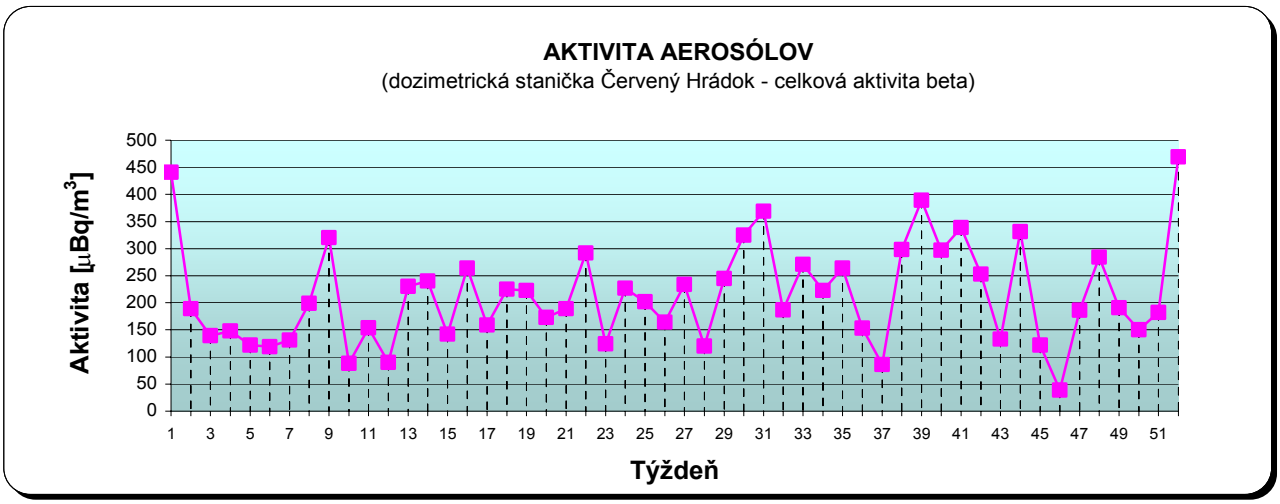


Table 230 Gross beta activity of aerosols - SDS Č. Hrádok, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Červený Hrádok - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/9	402	±	57	27	2008/986	149	±	13
2	2008/25	258	±	40	28	2008/1068	158	±	14
3	2008/40	270	±	40	29	2008/1092	166	±	14
4	2008/55	195	±	31	30	2008/1107	133	±	11
5	2008/125	110	±	19	31	2008/1175	131	±	11
6	2008/140	176	±	28	32	2008/1190	240	±	21
7	2008/167	185	±	29	33	2008/1217	159	±	14
8	2008/237	127	±	11	34	2008/1242	224	±	19
9	2008/304	215	±	18	35	2008/1288	164	±	14
10	2008/333	139	±	12	36	2008/1365	234	±	20
11	2008/373	146	±	13	37	2008/1403	364	±	31
12	2008/402	99	±	9	38	2008/1418	167	±	14
13	2008/418	99	±	9	39	2008/1505	98	±	8
14	2008/504	180	±	15	40	2008/1522	437	±	38
15	2008/523	116	±	10	41	2008/1558	213	±	18
16	2008/540	136	±	12	42	2008/1578	307	±	26
17	2008/611	108	±	9	43	2008/1600	265	±	23
18	2008/629	240	±	21	44	2008/1648	260	±	22
19	2008/648	143	±	12	45	2008/1721	293	±	25
20	2008/671	147	±	13	46	2008/1746	471	±	41
21	2008/705	189	±	16	47	2008/1761	515	±	44
22	2008/783	173	±	15	48	2008/1838	145	±	12
23	2008/806	245	±	21	49	2008/1878	170	±	15
24	2008/851	202	±	17	50	2008/1898	116	±	10
25	2008/868	127	±	11	51	2008/1943	187	±	16
26	2008/964	185	±	16	52	2008/2060	136	±	12

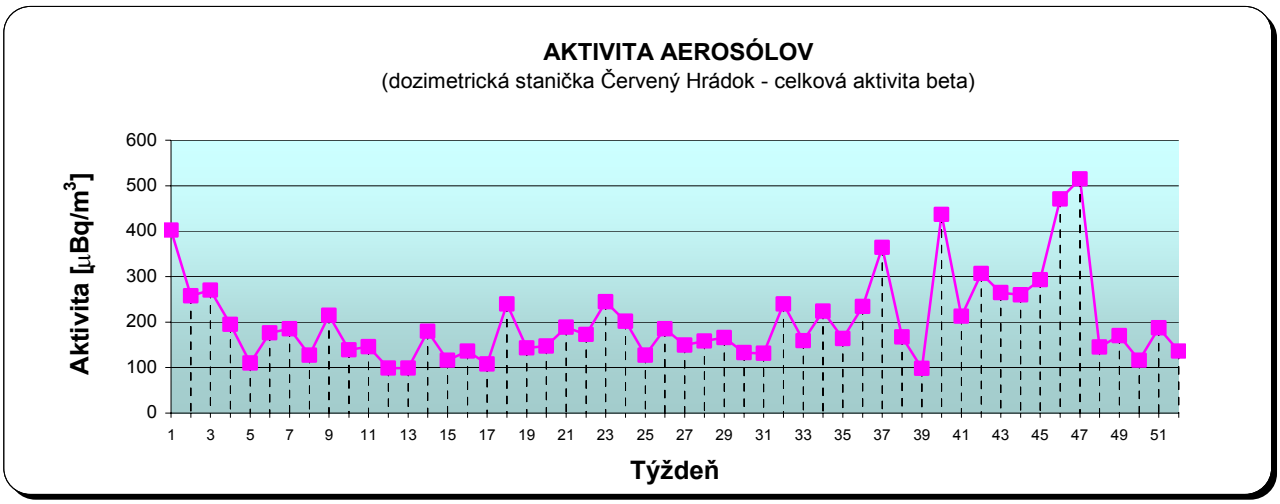


Table 231 Gross beta activity of aerosols - SDS Č. Hrádok, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/10	153	±	26	27	2005/1032	137	±	23
2	2005/25	291	±	41	28	2005/1063	165	±	26
3	2005/46	181	±	29	29	2005/1081	504	±	67
4	2005/61	124	±	21	30	2005/1097	225	±	34
5	2005/130	178	±	28	31	2005/1169	444	±	60
6	2005/161	434	±	58	32	2005/1200	65	±	12
7	2005/195	273	±	41	33	2005/1248	170	±	27
8	2005/260	260	±	38	34	2005/1374	204	±	32
9	2005/275	241	±	37	35	2005/1389	331	±	49
10	2005/310	252	±	38	36	2005/1427	308	±	44
11	2005/337	161	±	26	37	2005/1448	411	±	58
12	2005/354	234	±	36	38	2005/1463	259	±	38
13	2005/382	330	±	45	39	2005/1526	551	±	73
14	2005/401	349	±	50	40	2005/1554	445	±	61
15	2005/433	208	±	32	41	2005/1598	665	±	85
16	2005/494	329	±	47	42	2005/1617	345	±	49
17	2005/560	239	±	36	43	2005/1638	328	±	47
18	2005/643	213	±	33	44	2005/1730	398	±	55
19	2005/670	67	±	12	45	2005/1784	709	±	89
20	2005/703	158	±	25	46	2005/1890	694	±	90
21	2005/757	138	±	23	47	2005/1905	192	±	30
22	2005/824	296	±	43	48	2005/1998	245	±	37
23	2005/863	112	±	19	49	2005/2036	186	±	29
24	2005/883	259	±	38	50	2005/2062	348	±	49
25	2005/915	172	±	27	51	2005/2128	108	±	18
26	2005/1012	241	±	36	52	2005/2143	160	±	25

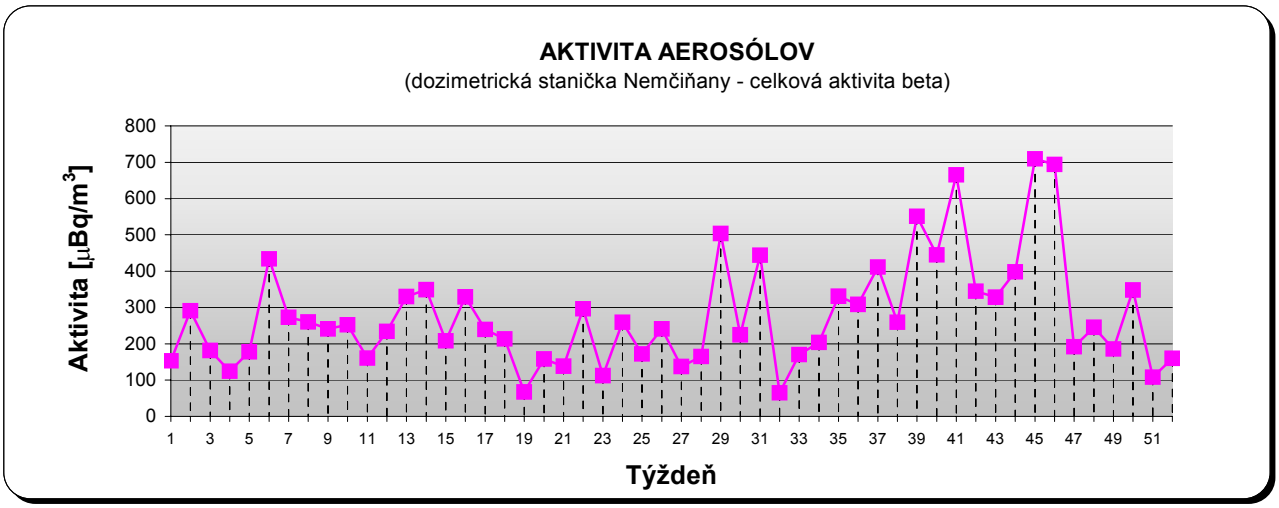


Table 232 Gross beta activity of aerosols - SDS Nemčiňany, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/11	255	±	39	27	2006/936	175	±	32
2	2006/26	456	±	64	28	*	*		*
3	2006/42	465	±	63	29	*	*		*
4	2006/58	651	±	81	30	*	*		*
5	2006/73	715	±	92	31	*	*		*
6	2006/88	639	±	82	32	*	*		*
7	2006/106	270	±	40	33	*	*		*
8	2006/135	197	±	31	34	*	*		*
9	2006/153	159	±	25	35	*	*		*
10	2006/266	135	±	22	36	*	*		*
11	2006/304	209	±	31	37	2006/1360	323	±	45
12	2006/373	341	±	47	38	2006/1378	564	±	72
13	2006/398	187	±	29	39	2006/1396	695	±	86
14	2006/420	76	±	13	40	2006/1491	1060	±	123
15	2006/451	153	±	24	41	2006/1509	339	±	47
16	2006/516	151	±	24	42	2006/1583	637	±	80
17	2006/539	220	±	33	43	2006/1668	565	±	71
18	2006/600	224	±	33	44	2006/1683	378	±	52
19	2006/650	285	±	41	45	2006/1724	260	±	39
20	2006/687	237	±	35	46	2006/1747	295	±	42
21	2006/709	177	±	28	47	2006/1774	783	±	95
22	2006/782	107	±	18	48	2006/1890	651	±	81
23	2006/799	79	±	14	49	2006/1908	1115	±	129
24	2006/818	168	±	26	50	2006/1923	545	±	70
25	2006/853	309	±	45	51	2006/1938	675	±	84
26	2006/869	346	±	48	52	2006/1971	312	±	44

* Porucha odberového zariadenia

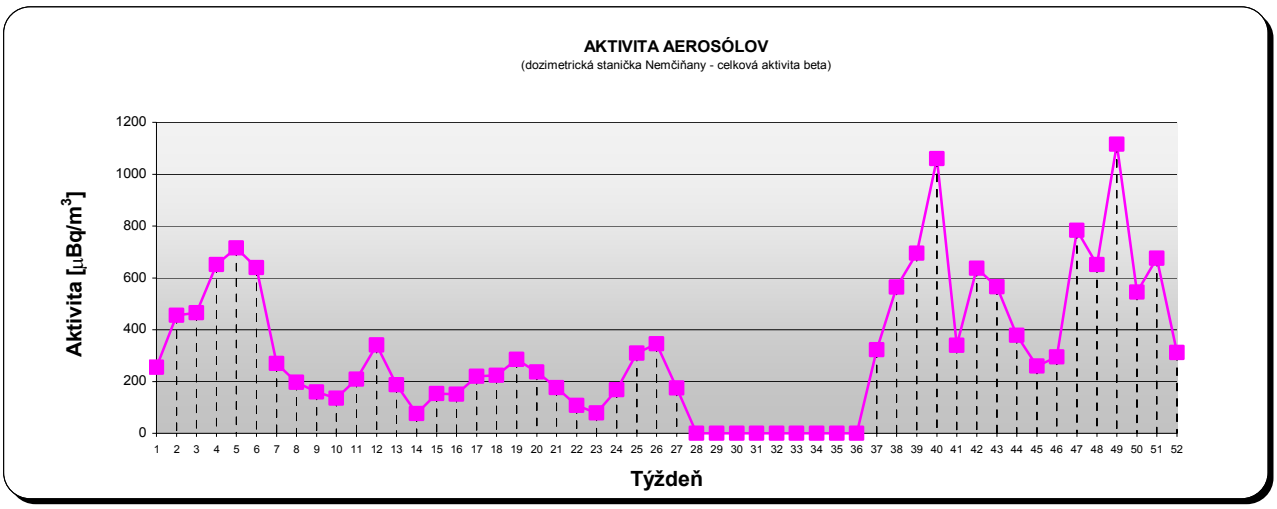


Table 233 Gross beta activity of aerosols - SDS Nemčiňany, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/12	382	±	52	27	2007/930	205	±	31
2	2007/27	170	±	26	28	2007/947	127	±	21
3	2007/45	134	±	22	29	2007/1022	204	±	32
4	2007/84	199	±	30	30	2007/1097	354	±	49
5	2007/127	96	±	16	31	2007/1127	240	±	36
6	2007/161	146	±	23	32	2007/1160	173	±	27
7	2007/176	143	±	23	33	2007/1175	297	±	43
8	2007/193	222	±	33	34	2007/1243	297	±	44
9	2007/209	296	±	42	35	2007/1258	286	±	41
10	2007/277	49	±	9	36	2007/1292	169	±	26
11	2007/297	122	±	20	37	2007/1311	73	±	13
12	2007/332	122	±	20	38	2007/1359	304	±	45
13	2007/414	171	±	27	39	2007/1427	250	±	37
14	2007/431	279	±	41	40	2007/1454	289	±	42
15	2007/456	174	±	27	41	2007/1495	336	±	47
16	2007/487	276	±	40	42	2007/1515	298	±	43
17	2007/502	175	±	27	43	2007/1548	165	±	26
18	2007/571	252	±	37	44	2007/1635	365	±	51
19	2007/586	192	±	30	45	2007/1659	97	±	17
20	2007/631	206	±	32	46	2007/1734	49	±	9
21	2007/656	196	±	30	47	2007/1805	192	±	30
22	2007/734	297	±	43	48	2007/1853	368	±	52
23	2007/782	132	±	22	49	2007/1868	273	±	40
24	2007/798	329	±	47	50	2007/1911	173	±	27
25	2007/831	224	±	34	51	2007/1955	292	±	41
26	2007/846	115	±	19	52	2007/1970	591	±	74

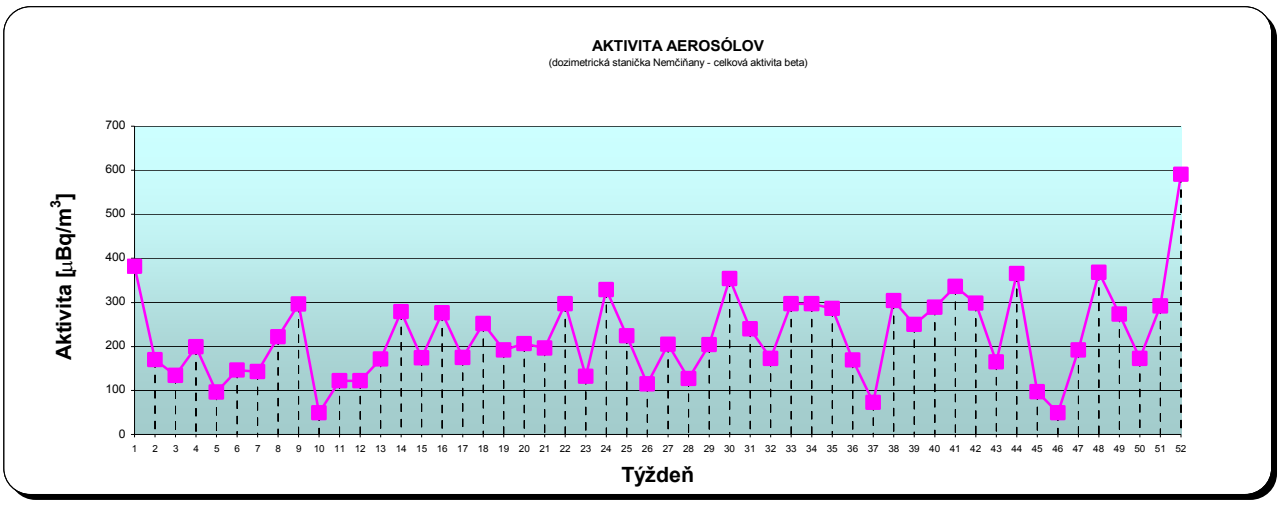


Table 234 Gross beta activity of aerosols - SDS Nemčiňany, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nemčiňany - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/10	506	±	69	27	2008/987	145	±	12
2	2008/26	382	±	55	28	2008/1069	282	±	24
3	2008/41	328	±	47	29	2008/1093	143	±	12
4	2008/56	229	±	35	30	2008/1108	161	±	14
5	2008/126	137	±	23	31	2008/1176	172	±	15
6	2008/141	240	±	37	32	2008/1191	245	±	21
7	2008/168	185	±	30	33	2008/1218	153	±	13
8	2008/238	216	±	19	34	2008/1243	193	±	17
9	2008/305	298	±	26	35	2008/1289	163	±	14
10	2008/334	149	±	13	36	2008/1366	233	±	20
11	2008/374	137	±	12	37	2008/1404	433	±	37
12	2008/403	112	±	10	38	2008/1419	150	±	13
13	2008/419	121	±	10	39	2008/1506	109	±	9
14	2008/505	181	±	16	40	2008/1523	395	±	34
15	2008/524	142	±	12	41	2008/1559	154	±	13
16	2008/541	165	±	14	42	2008/1579	421	±	36
17	2008/612	157	±	13	43	2008/1601	342	±	29
18	2008/630	260	±	22	44	2008/1649	339	±	29
19	2008/649	159	±	14	45	2008/1722	274	±	24
20	2008/672	259	±	22	46	2008/1747	468	±	40
21	2008/706	206	±	18	47	2008/1762	380	±	33
22	2008/784	112	±	10	48	2008/1839	126	±	11
23	2008/807	250	±	21	49	2008/1879	178	±	15
24	2008/852	207	±	18	50	2008/1899	126	±	11
25	2008/869	132	±	11	51	2008/1944	216	±	19
26	2008/965	211	±	18	52	2008/2061	134	±	12

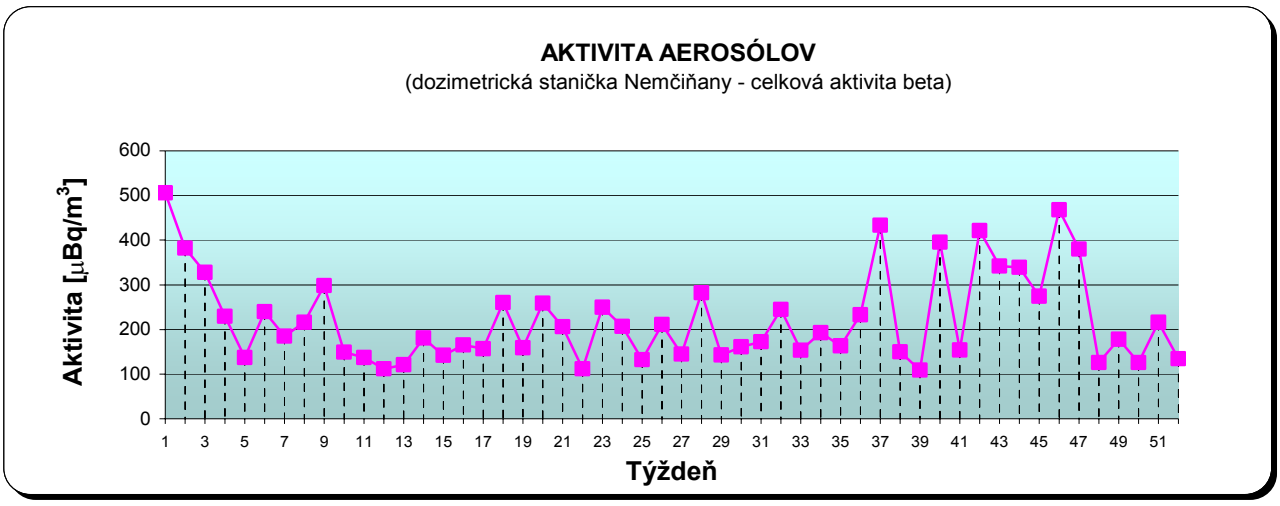


Table 235 Gross beta activity of aerosols - SDS Nemčiňany, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/11	247	±	39	27	2005/1033	223	±	35
2	2005/26	397	±	54	28	2005/1064	239	±	37
3	2005/47	254	±	38	29	2005/1082	346	±	50
4	2005/62	202	±	31	30	2005/1098	369	±	53
5	2005/131	308	±	45	31	2005/1170	356	±	51
6	2005/162	666	±	83	32	2005/1201	150	±	25
7	2005/196	657	±	87	33	2005/1249	315	±	45
8	2005/261	358	±	50	34	2005/1375	342	±	51
9	2005/276	356	±	52	35	2005/1390	428	±	61
10	2005/311	324	±	47	36	2005/1428	432	±	59
11	2005/338	232	±	36	37	2005/1449	562	±	77
12	2005/355	201	±	33	38	2005/1464	315	±	45
13	2005/383	473	±	62	39	2005/1527	697	±	90
14	2005/402	469	±	66	40	2005/1555	611	±	80
15	2005/434	399	±	56	41	2005/1599	855	±	106
16	2005/495	445	±	61	42	2005/1618	490	±	67
17	2005/561	332	±	48	43	2005/1639	436	±	60
18	2005/644	314	±	46	44	2005/1731	567	±	76
19	2005/671	175	±	28	45	2005/1785	936	±	115
20	2005/704	205	±	32	46	2005/1891	843	±	108
21	2005/758	192	±	31	47	2005/1906	288	±	42
22	2005/825	401	±	56	48	2005/1999	321	±	47
23	2005/864	173	±	28	49	2005/2037	242	±	37
24	2005/884	340	±	49	50	2005/2063	518	±	70
25	2005/916	295	±	44	51	2005/2129	152	±	25
26	2005/1013	305	±	45	52	2005/2144	207	±	32

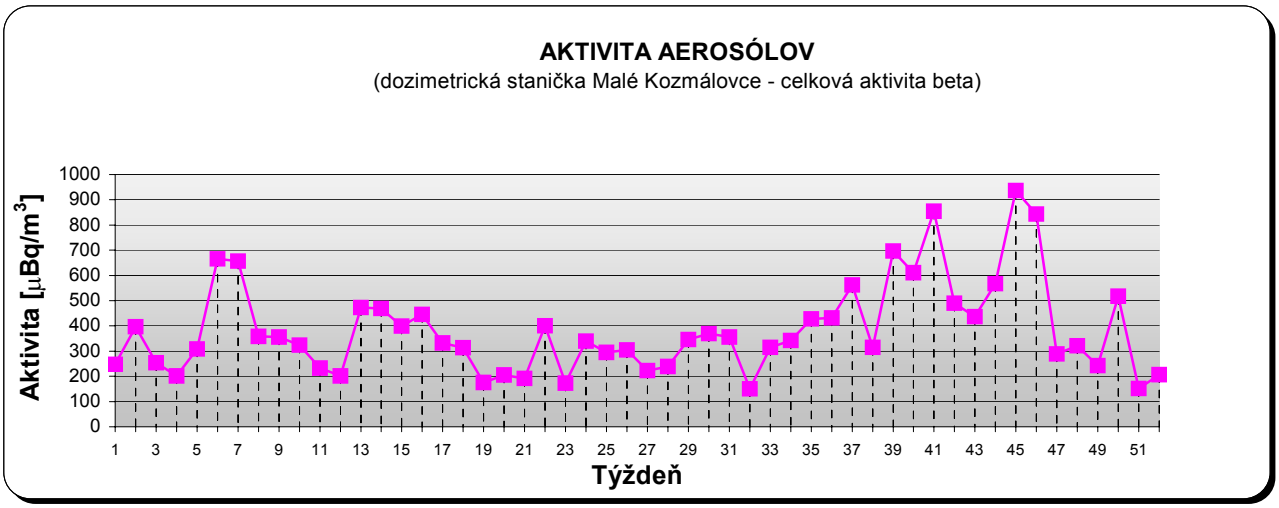


Table 236 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/12	341	±	51	27	2006/937	273	±	39
2	2006/27	482	±	68	28	2006/973	455	±	63
3	2006/43	698	±	90	29	2006/988	355	±	50
4	2006/59	871	±	106	30	2006/1114	574	±	74
5	2006/74	913	±	115	31	2006/1141	532	±	70
6	2006/89	826	±	103	32	2006/1160	148	±	24
7	2006/107	352	±	51	33	2006/1178	238	±	36
8	2006/136	290	±	43	34	2006/1199	383	±	53
9	2006/154	274	±	40	35	2006/1282	214	±	33
10	2006/267	213	±	33	36	2006/1329	229	±	35
11	2006/305	258	±	38	37	2006/1361	268	±	39
12	2006/374	488	±	65	38	2006/1379	496	±	66
13	2006/399	262	±	39	39	2006/1397	597	±	77
14	2006/421	134	±	22	40	2006/1492	976	±	116
15	2006/452	221	±	34	41	2006/1510	255	±	38
16	2006/517	216	±	33	42	2006/1584	500	±	65
17	2006/540	349	±	49	43	2006/1669	531	±	69
18	2006/601	262	±	38	44	2006/1684	346	±	49
19	2006/651	263	±	39	45	2006/1725	272	±	41
20	2006/688	401	±	55	46	2006/1748	258	±	38
21	2006/719	288	±	42	47	2006/1775	664	±	84
22	2006/783	169	±	27	48	2006/1891	544	±	71
23	2006/800	165	±	26	49	2006/1909	919	±	111
24	2006/819	234	±	34	50	2006/1924	483	±	64
25	2006/854	398	±	56	51	2006/1939	622	±	79
26	2006/870	460	±	62	52	2006/1972	267	±	39

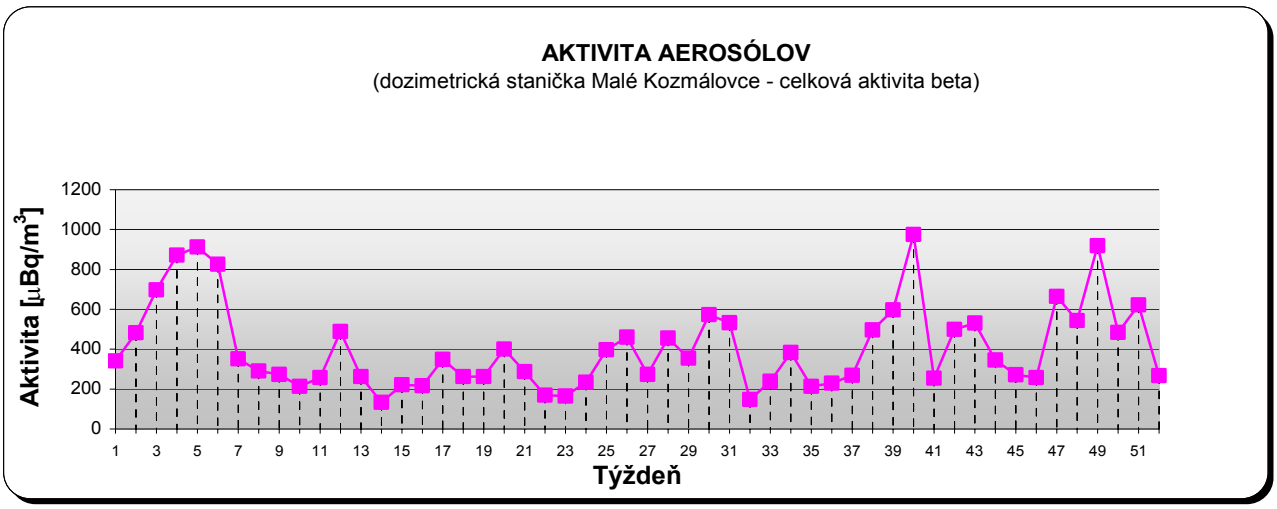


Table 237 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/13	348	±	48	27	2007/931	145	±	24
2	2007/28	111	±	19	28	2007/948	85	±	15
3	2007/46	120	±	20	29	2007/1023	199	±	31
4	2007/85	157	±	25	30	2007/1098	297	±	43
5	2007/128	119	±	20	31	2007/1128	157	±	25
6	2007/162	123	±	20	32	2007/1161	177	±	28
7	2007/177	121	±	20	33	2007/1176	288	±	42
8	2007/194	193	±	30	34	2007/1244	194	±	31
9	2007/210	301	±	43	35	2007/1259	258	±	38
10	2007/278	72	±	13	36	2007/1293	163	±	25
11	2007/298	111	±	19	37	2007/1312	55	±	10
12	2007/333	139	±	23	38	2007/1360	243	±	37
13	2007/415	175	±	27	39	2007/1428	208	±	32
14	2007/432	247	±	37	40	2007/1455	221	±	33
15	2007/457	155	±	25	41	2007/1496	310	±	44
16	2007/488	254	±	37	42	2007/1516	235	±	35
17	2007/503	164	±	26	43	2007/1549	158	±	25
18	2007/572	218	±	33	44	2007/1636	300	±	43
19	2007/587	155	±	25	45	2007/1660	92	±	16
20	2007/632	157	±	25	46	2007/1735	34	±	7
21	2007/657	198	±	30	47	2007/1806	172	±	27
22	2007/735	252	±	37	48	2007/1854	299	±	44
23	2007/783	151	±	24	49	2007/1869	180	±	28
24	2007/799	239	±	36	50	2007/1912	155	±	24
25	2007/832	222	±	34	51	2007/1956	233	±	34
26	2007/847	126	±	21	52	2007/1971	500	±	65

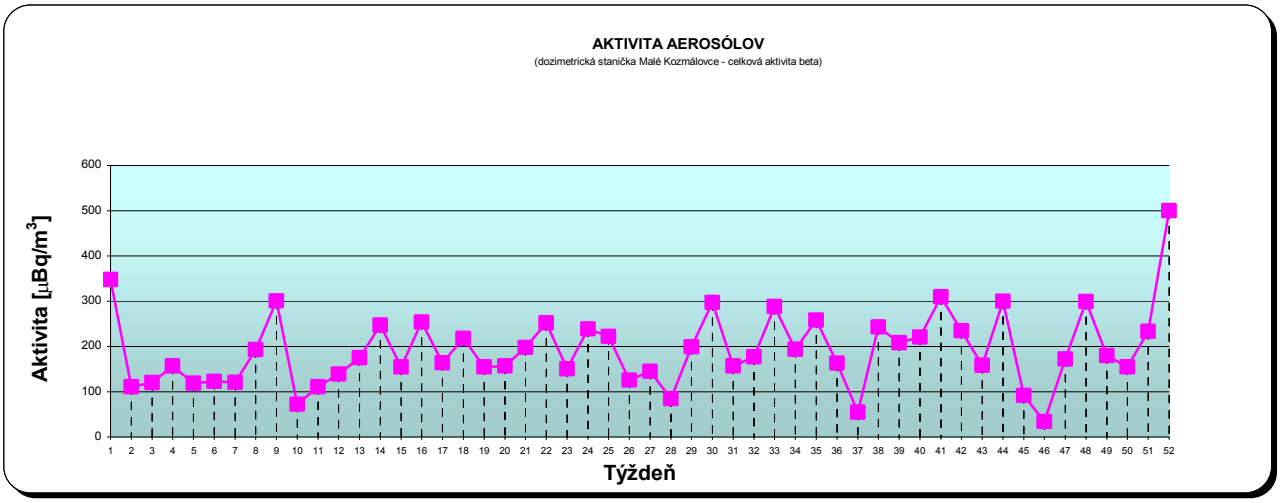


Table 238 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Malé Kozmálovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/11	415	±	59	27	2008/988	161	±	14
2	2008/27	293	±	44	28	2008/1070	242	±	21
3	2008/42	254	±	38	29	2008/1094	179	±	15
4	2008/57	189	±	30	30	2008/1109	142	±	12
5	2008/127	115	±	20	31	2008/1177	186	±	16
6	2008/142	217	±	33	32	2008/1192	242	±	21
7	2008/169	198	±	31	33	2008/1219	162	±	14
8	2008/239	224	±	19	34	2008/1244	218	±	19
9	2008/306	228	±	20	35	2008/1290	169	±	15
10	2008/335	129	±	11	36	2008/1367	194	±	17
11	2008/375	159	±	14	37	2008/1405	422	±	36
12	2008/404	76	±	7	38	2008/1420	209	±	18
13	2008/420	67	±	6	39	2008/1507	128	±	11
14	2008/506	227	±	20	40	2008/1524	373	±	32
15	2008/525	110	±	9	41	2008/1560	243	±	21
16	2008/542	149	±	13	42	2008/1580	379	±	33
17	2008/613	123	±	11	43	2008/1602	362	±	31
18	2008/631	219	±	19	44	2008/1650	312	±	27
19	2008/650	127	±	11	45	2008/1723	329	±	28
20	2008/673	172	±	15	46	2008/1748	419	±	36
21	2008/707	175	±	15	47	2008/1763	350	±	30
22	2008/785	147	±	13	48	2008/1840	115	±	10
23	2008/808	259	±	22	49	2008/1880	177	±	15
24	2008/853	223	±	19	50	2008/1900	164	±	14
25	2008/870	147	±	13	51	2008/1945	181	±	16
26	2008/966	218	±	19	52	2008/2062	150	±	13

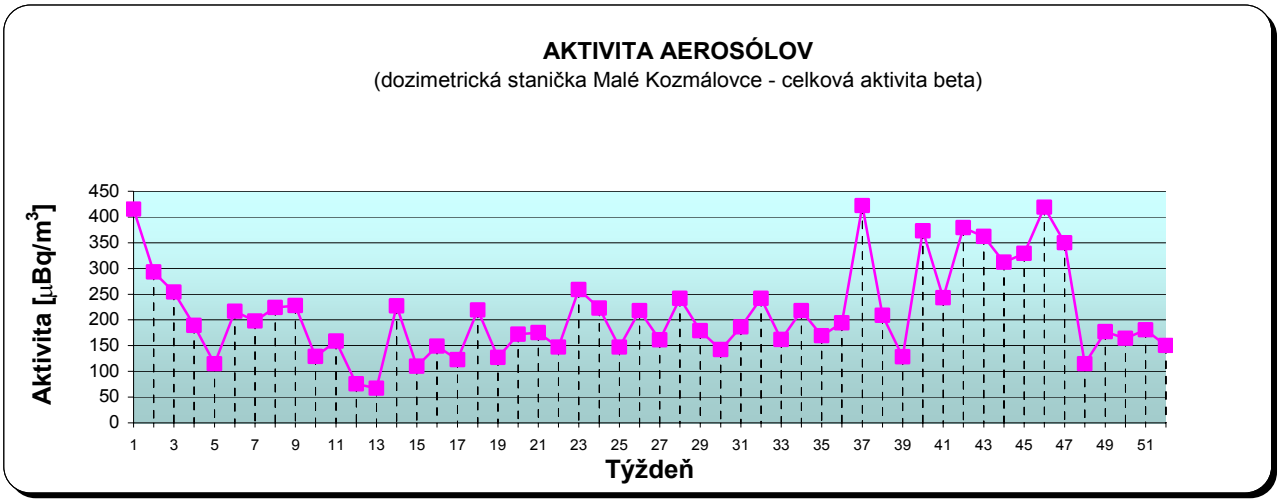


Table 239 Gross beta activity of aerosols - SDS Malé Kozmálovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/12	244	±	39	27	2005/1034	220	±	34
2	2005/27	356	±	49	28	2005/1065	261	±	39
3	2005/48	292	±	43	29	2005/1083	292	±	43
4	2005/63	152	±	25	30	2005/1099	305	±	45
5	2005/132	328	±	50	31	2005/1171	668	±	86
6	2005/163	634	±	83	32	2005/1202	121	±	21
7	2005/197	628	±	83	33	2005/1250	251	±	37
8	2005/262	331	±	47	34	2005/1376	379	±	55
9	2005/277	302	±	45	35	2005/1391	422	±	60
10	2005/312	330	±	48	36	2005/1429	445	±	60
11	2005/339	211	±	33	37	2005/1450	591	±	80
12	2005/356	391	±	56	38	2005/1465	298	±	43
13	2005/384	479	±	63	39	2005/1528	765	±	97
14	2005/403	546	±	72	40	2005/1556	620	±	81
15	2005/435	377	±	53	41	2005/1600	893	±	110
16	2005/496	404	±	56	42	2005/1619	470	±	64
17	2005/562	328	±	47	43	2005/1640	549	±	73
18	2005/645	327	±	47	44	2005/1732	363	±	57
19	2005/672	121	±	21	45	2005/1786	1019	±	123
20	2005/705	227	±	35	46	2005/1892	944	±	118
21	2005/759	214	±	33	47	2005/1907	422	±	73
22	2005/826	404	±	56	48	2005/2000	344	±	50
23	2005/865	226	±	35	49	2005/2038	319	±	47
24	2005/885	355	±	51	50	2005/2064	543	±	72
25	2005/917	308	±	45	51	2005/2130	159	±	26
26	2005/1014	274	±	41	52	2005/2145	212	±	32

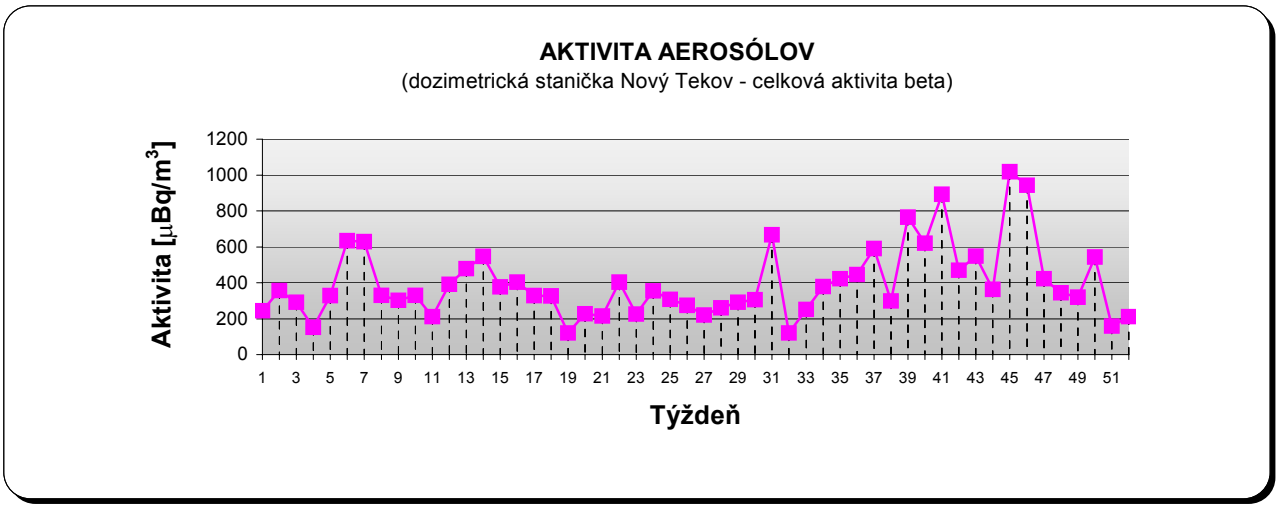


Table 240 Gross beta activity of aerosols - SDS Nový Tekov, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]		
1	2006/13	410	±	59	27	2006/938	321	±	44
2	2006/28	573	±	78	28	2006/974	449	±	62
3	2006/44	701	±	90	29	2006/989	315	±	45
4	2006/60	910	±	110	30	2006/1115	588	±	75
5	2006/75	917	±	115	31	2006/1142	535	±	70
6	2006/90	855	±	106	32	2006/1161	163	±	26
7	2006/108	396	±	56	33	2006/1179	184	±	29
8	2006/137	259	±	39	34	2006/1200	386	±	53
9	2006/155	276	±	40	35	2006/1283	225	±	34
10	2006/268	220	±	33	36	2006/1330	200	±	31
11	2006/306	313	±	45	37	2006/1362	264	±	39
12	2006/375	437	±	59	38	2006/1380	432	±	58
13	2006/400	238	±	36	39	2006/1398	631	±	80
14	2006/422	114	±	19	40	2006/1493	918	±	110
15	2006/453	242	±	36	41	2006/1511	283	±	41
16	2006/518	203	±	31	42	2006/1585	562	±	73
17	2006/541	369	±	51	43	2006/1670	546	±	70
18	2006/602	265	±	39	44	2006/1685	340	±	48
19	2006/652	465	±	62	45	*	*		*
20	2006/689	312	±	44	46	2006/1749	343	±	56
21	2006/718	263	±	39	47	2006/1776	865	±	119
22	2006/784	143	±	23	48	2006/1892	553	±	72
23	2006/801	125	±	21	49	2006/1910	901	±	108
24	2006/820	228	±	33	50	2006/1925	486	±	64
25	2006/855	417	±	58	51	2006/1940	554	±	72
26	2006/871	441	±	59	52	2006/1973	271	±	39

* Porucha odberového zariadenia

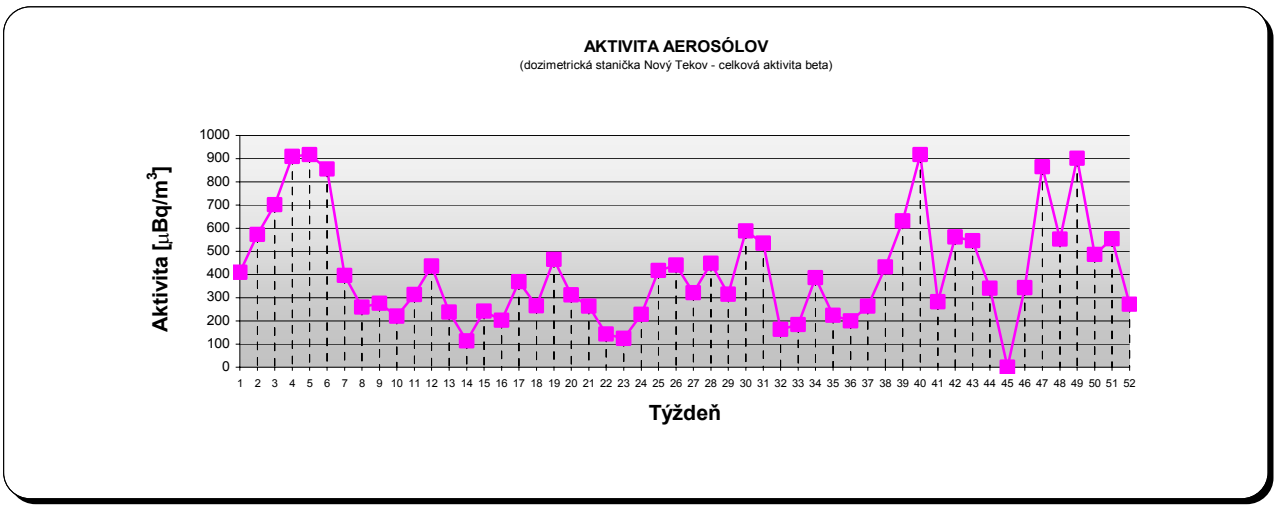


Table 241 Gross beta activity of aerosols - SDS Nový Tekov, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/14	307	±	44	27	2007/932	182	±	28
2	2007/29	93	±	16	28	2007/949	117	±	19
3	2007/47	128	±	21	29	2007/1024	172	±	28
4	2007/86	184	±	28	30	2007/1099	385	±	53
5	2007/129	75	±	13	31	2007/1129	226	±	34
6	2007/163	150	±	24	32	2007/1162	220	±	33
7	2007/178	123	±	20	33	2007/1177	273	±	40
8	2007/195	195	±	30	34	2007/1245	250	±	38
9	2007/211	314	±	44	35	2007/1260	281	±	41
10	2007/279	73	±	13	36	2007/1294	173	±	27
11	2007/299	110	±	18	37	2007/1313	42	±	8
12	2007/334	126	±	21	38	2007/1361	256	±	39
13	2007/416	146	±	24	39	2007/1429	238	±	36
14	2007/433	284	±	41	40	2007/1456	237	±	35
15	2007/458	165	±	26	41	2007/1497	309	±	44
16	2007/489	235	±	35	42	2007/1517	263	±	38
17	2007/504	139	±	23	43	2007/1550	154	±	25
18	2007/573	193	±	30	44	2007/1637	295	±	42
19	2007/588	180	±	28	45	2007/1661	87	±	15
20	2007/633	161	±	26	46	2007/1736	59	±	11
21	2007/658	198	±	30	47	2007/1807	149	±	24
22	2007/736	262	±	38	48	2007/1855	287	±	43
23	2007/784	101	±	17	49	2007/1870	218	±	33
24	2007/800	271	±	40	50	2007/1913	186	±	28
25	2007/833	195	±	30	51	2007/1957	219	±	33
26	2007/848	133	±	22	52	2007/1972	471	±	61

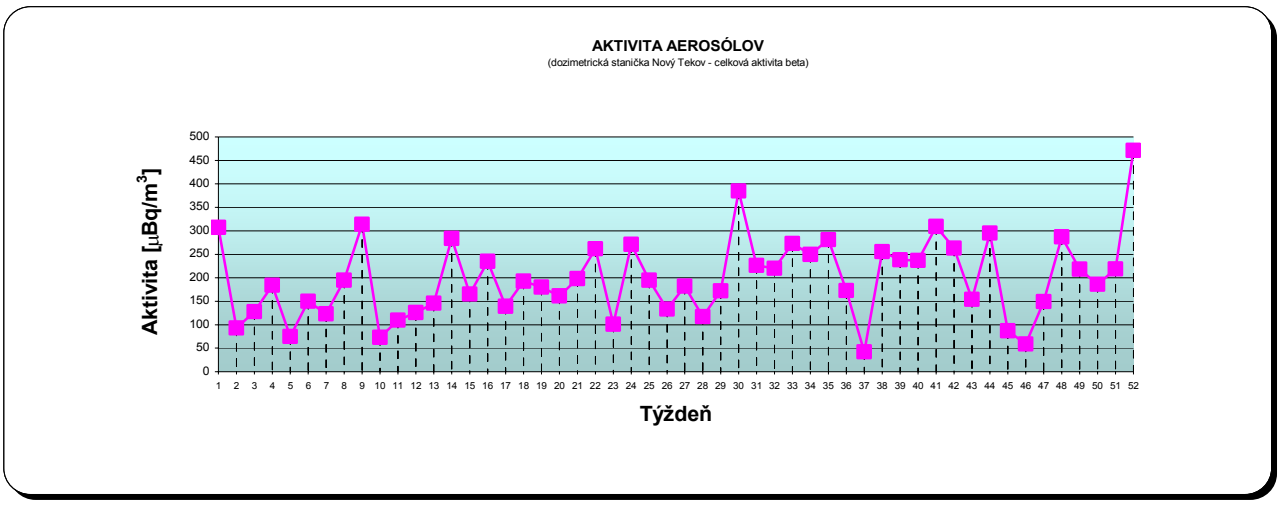


Table 242 Gross beta activity of aerosols - SDS Nový Tekov, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/12	426	±	60	27	2008/989	201	±	17
2	2008/28	324	±	48	28	2008/1071	220	±	19
3	2008/43	294	±	43	29	2008/1095	184	±	16
4	2008/58	222	±	35	30	2008/1110	150	±	13
5	2008/128	122	±	21	31	2008/1178	181	±	16
6	2008/143	185	±	30	32	2008/1193	206	±	18
7	2008/170	180	±	29	33	2008/1220	181	±	16
8	2008/240	216	±	19	34	2008/1245	232	±	20
9	2008/307	203	±	17	35	2008/1291	161	±	14
10	2008/336	107	±	9	36	2008/1368	232	±	20
11	2008/376	139	±	12	37	2008/1406	442	±	38
12	2008/405	110	±	9	38	2008/1421	202	±	17
13	2008/421	80	±	7	39	2008/1508	144	±	12
14	2008/507	171	±	15	40	2008/1525	352	±	30
15	2008/526	145	±	12	41	2008/1561	188	±	16
16	2008/543	166	±	14	42	2008/1581	403	±	35
17	2008/614	144	±	12	43	2008/1603	350	±	30
18	2008/632	207	±	18	44	2008/1651	328	±	28
19	2008/651	144	±	12	45	2008/1724	351	±	30
20	2008/674	160	±	14	46	2008/1749	467	±	40
21	2008/708	215	±	19	47	2008/1764	430	±	37
22	2008/786	158	±	14	48	2008/1841	125	±	11
23	2008/809	298	±	26	49	2008/1881	195	±	17
24	2008/854	239	±	21	50	2008/1901	156	±	13
25	2008/871	146	±	13	51	2008/1946	237	±	20
26	2008/967	235	±	20	52	2008/2063	147	±	13

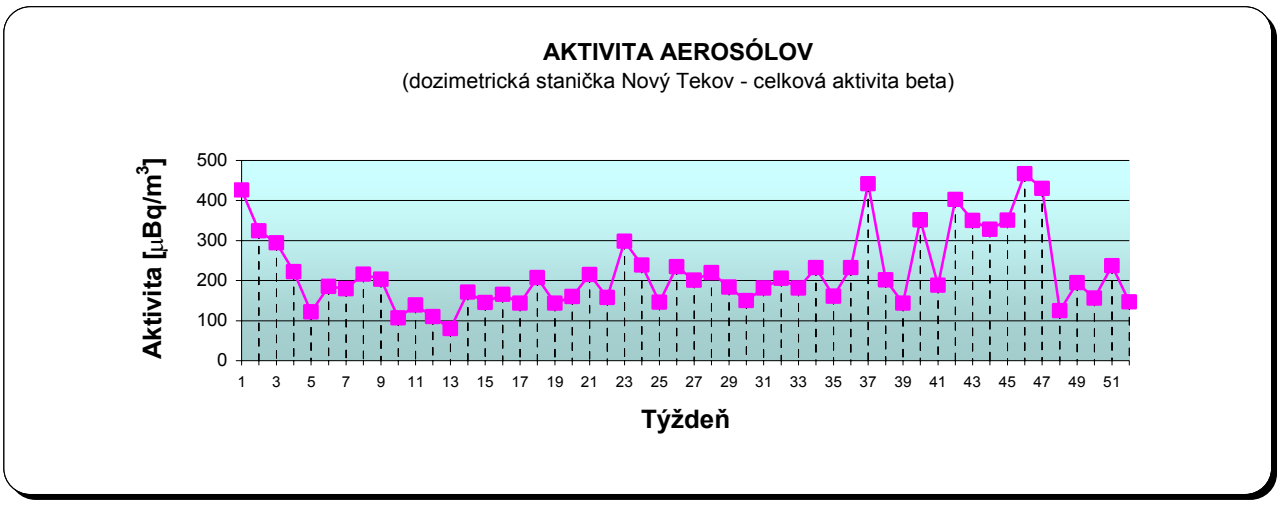


Table 243 Gross beta activity of aerosols - SDS Nový Tekov, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]		
1	2005/13	263	±	41	27	2005/1035	253	±	38
2	2005/28	348	±	48	28	2005/1066	280	±	41
3	2005/49	307	±	44	29	2005/1084	400	±	55
4	2005/64	64	±	11	30	2005/1100	294	±	43
5	2005/133	326	±	47	31	2005/1172	556	±	73
6	2005/164	685	±	85	32	2005/1203	139	±	23
7	2005/198	656	±	86	33	2005/1251	299	±	43
8	2005/263	343	±	48	34	2005/1377	353	±	51
9	2005/278	324	±	48	35	2005/1392	423	±	60
10	2005/313	382	±	53	36	2005/1430	448	±	60
11	2005/340	225	±	34	37	2005/1451	498	±	68
12	2005/357	365	±	53	38	2005/1466	319	±	45
13	2005/385	465	±	60	39	2005/1529	807	±	102
14	2005/404	467	±	64	40	2005/1557	1300	±	177
15	2005/436	396	±	55	41	2005/1601	766	±	127
16	2005/497	462	±	62	42	2005/1620	420	±	58
17	2005/563	321	±	46	43	2005/1641	377	±	53
18	2005/646	308	±	44	44	2005/1733	560	±	74
19	2005/673	142	±	23	45	2005/1787	1009	±	121
20	2005/706	213	±	33	46	2005/1893	960	±	118
21	2005/760	226	±	34	47	2005/1908	275	±	40
22	2005/827	393	±	55	48	2005/2001	358	±	51
23	2005/866	185	±	29	49	2005/2039	189	±	30
24	2005/886	284	±	42	50	2005/2065	580	±	76
25	2005/918	286	±	42	51	2005/2131	162	±	26
26	2005/1015	264	±	39	52	*			

* Porucha odberového zariadenia

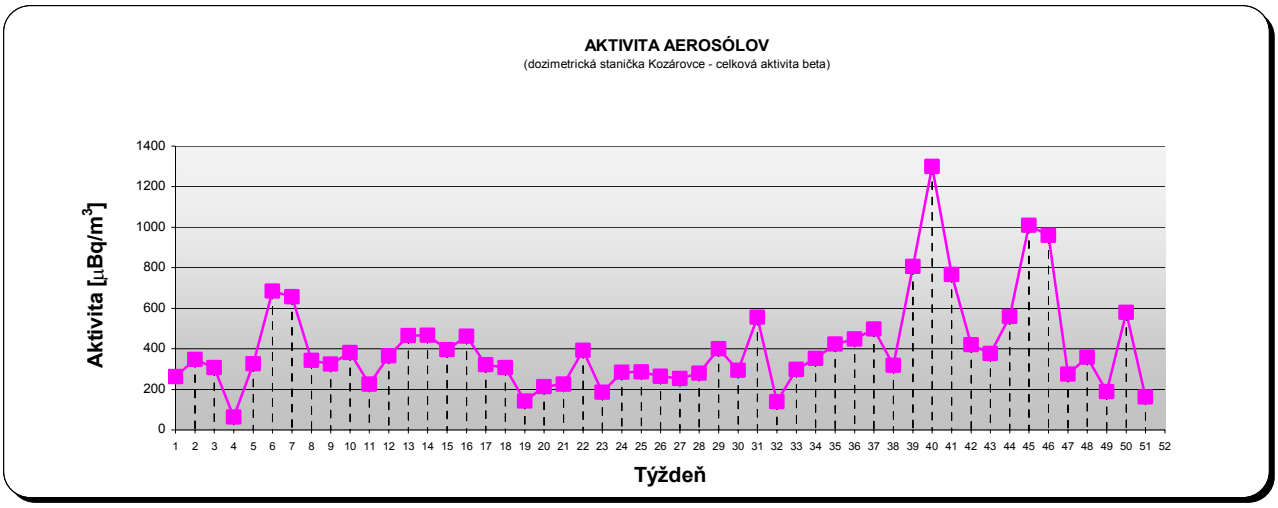


Table 244 Gross beta activity of aerosols - SDS Kozárovce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/14	369	±	53	27	2006/939	286	±	40
2	2006/29	571	±	77	28	2006/975	743	±	93
3	2006/45	635	±	82	29	2006/990	315	±	44
4	2006/61	923	±	110	30	2006/1116	517	±	67
5	2006/76	981	±	121	31	2006/1143	561	±	72
6	2006/91	912	±	111	32	2006/1162	178	±	27
7	2006/109	417	±	57	33	2006/1180	212	±	32
8	2006/138	276	±	41	34	2006/1201	374	±	51
9	2006/156	279	±	40	35	2006/1284	251	±	37
10	2006/269	168	±	26	36	2006/1331	197	±	30
11	2006/307	309	±	44	37	2006/1363	289	±	41
12	2006/376	451	±	60	38	2006/1381	497	±	65
13	2006/401	230	±	34	39	2006/1399	637	±	81
14	2006/423	155	±	24	40	2006/1494	1125	±	129
15	2006/454	304	±	43	41	2006/1512	290	±	41
16	2006/519	243	±	36	42	2006/1586	560	±	72
17	2006/542	387	±	53	43	2006/1671	521	±	66
18	2006/603	314	±	44	44	2006/1686	358	±	49
19	2006/653	443	±	59	45	2006/1727	246	±	37
20	2006/690	343	±	48	46	2006/1750	287	±	41
21	2006/708	255	±	37	47	2006/1777	863	±	103
22	2006/785	172	±	27	48	2006/1893	634	±	80
23	2006/802	101	±	17	49	2006/1911	1035	±	121
24	2006/821	230	±	33	50	2006/1926	519	±	67
25	2006/856	447	±	61	51	2006/1941	809	±	98
26	2006/872	461	±	61	52	*	*		*

* Porucha odberového zariadenia

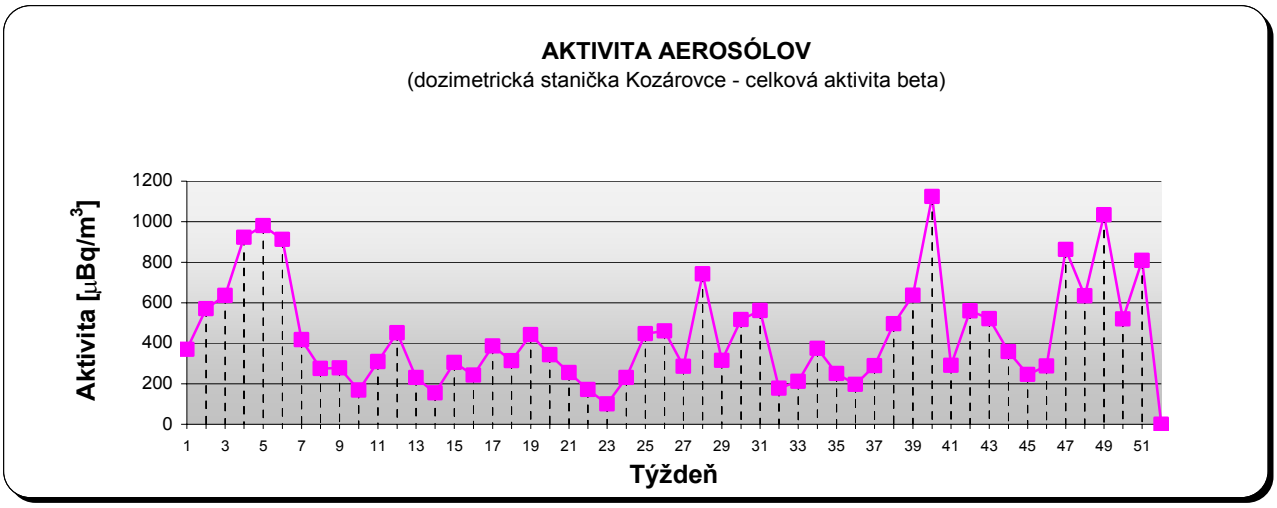


Table 245 Gross beta activity of aerosols - SDS Kozárovce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/15	333	±	46	27	2007/933	229	±	35
2	2007/30	132	±	21	28	2007/950	107	±	18
3	2007/48	105	±	18	29	2007/1025	229	±	36
4	2007/87	155	±	24	30	2007/1100	346	±	49
5	2007/130	47	±	9	31	2007/1130	166	±	26
6	2007/164	132	±	21	32	2007/1163	81	±	14
7	2007/179	119	±	19	33	2007/1178	308	±	44
8	2007/196	198	±	30	34	2007/1246	255	±	39
9	2007/212	318	±	44	35	2007/1261	313	±	45
10	2007/280	90	±	15	36	2007/1295	177	±	27
11	2007/300	142	±	23	37	2007/1314	73	±	13
12	2007/335	124	±	20	38	2007/1362	244	±	36
13	2007/417	166	±	26	39	2007/1430	305	±	47
14	2007/434	301	±	44	40	2007/1457	251	±	37
15	2007/459	149	±	24	41	2007/1498	283	±	41
16	2007/490	218	±	33	42	2007/1518	239	±	36
17	2007/505	192	±	30	43	2007/1551	143	±	23
18	2007/574	290	±	42	44	2007/1638	336	±	48
19	2007/589	196	±	31	45	2007/1662	87	±	15
20	2007/634	238	±	36	46	2007/1737	43	±	8
21	2007/659	199	±	31	47	2007/1808	192	±	30
22	2007/737	278	±	41	48	2007/1856	330	±	48
23	2007/785	104	±	18	49	*	*		*
24	2007/801	289	±	42	50	2007/1914	146	±	23
25	2007/834	224	±	34	51	2007/1958	249	±	36
26	2007/849	173	±	28	52	2007/1973	606	±	76

* Porucha odberového zariadenia

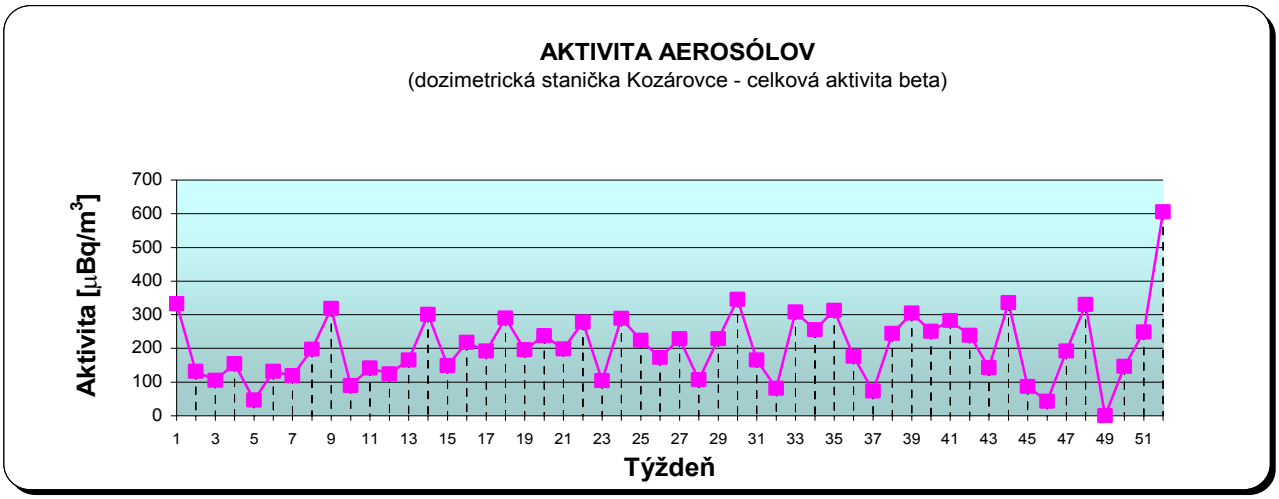


Table 246 Gross beta activity of aerosols - SDS Kozárovce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Kozárovce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/13	391	±	56	27	2008/990	206	±	18
2	2008/29	293	±	45	28	2008/1072	204	±	18
3	2008/44	266	±	40	29	2008/1096	151	±	13
4	2008/59	187	±	30	30	2008/1111	147	±	13
5	2008/129	153	±	25	31	2008/1179	204	±	18
6	2008/144	175	±	28	32	2008/1194	155	±	13
7	2008/171	206	±	32	33	*	*		*
8	2008/241	157	±	13	34	*	*		*
9	2008/308	191	±	16	35	*	*		*
10	2008/337	137	±	12	36	*	*		*
11	2008/377	148	±	13	37	2008/1407	557	±	48
12	2008/406	81	±	7	38	2008/1422	231	±	20
13	2008/422	85	±	7	39	2008/1509	99	±	9
14	2008/508	165	±	14	40	2008/1526	345	±	30
15	2008/527	141	±	12	41	2008/1562	259	±	22
16	2008/544	153	±	13	42	2008/1582	381	±	33
17	2008/615	112	±	10	43	2008/1604	445	±	38
18	2008/633	231	±	20	44	2008/1652	353	±	30
19	2008/652	164	±	14	45	2008/1725	368	±	32
20	2008/675	220	±	19	46	2008/1750	478	±	41
21	2008/709	241	±	21	47	2008/1765	390	±	34
22	2008/787	206	±	18	48	2008/1842	120	±	10
23	2008/810	308	±	27	49	2008/1882	187	±	16
24	2008/855	223	±	19	50	2008/1902	163	±	14
25	2008/872	149	±	13	51	2008/1947	228	±	20
26	2008/968	237	±	20	52	2008/2064	127	±	11

* Porucha odberového zariadenia

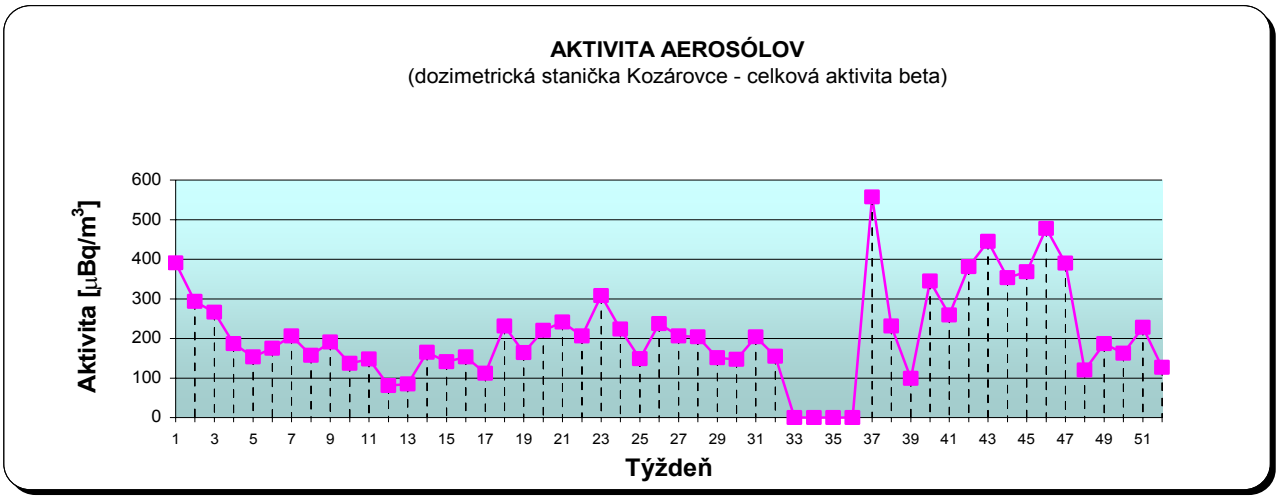


Table 247 Gross beta activity of aerosols - SDS Kozárovce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/14	291	±	45	27	2005/1036	250	±	38
2	2005/29	414	±	56	28	2005/1067	325	±	47
3	2005/50	334	±	48	29	2005/1085	463	±	63
4	2005/65	189	±	30	30	2005/1101	361	±	52
5	2005/134	328	±	47	31	2005/1173	565	±	75
6	2005/165	674	±	84	32	2005/1204	171	±	28
7	2005/199	680	±	89	33	2005/1252	307	±	44
8	2005/264	330	±	47	34	2005/1378	416	±	60
9	2005/279	413	±	59	35	2005/1393	481	±	67
10	2005/314	397	±	56	36	2005/1431	558	±	73
11	2005/341	217	±	34	37	2005/1452	756	±	98
12	2005/358	421	±	60	38	2005/1467	336	±	48
13	2005/386	487	±	63	39	2005/1530	894	±	110
14	2005/405	575	±	78	40	2005/1558	826	±	103
15	2005/437	421	±	58	41	2005/1602	976	±	119
16	2005/498	536	±	72	42	2005/1621	514	±	69
17	2005/564	361	±	52	43	2005/1642	547	±	73
18	2005/647	358	±	51	44	2005/1734	861	±	107
19	2005/674	145	±	24	45	2005/1788	1040	±	126
20	2005/707	253	±	38	46	2005/1894	986	±	123
21	2005/761	265	±	40	47	2005/1909	315	±	45
22	2005/828	474	±	64	48	2005/2002	423	±	59
23	2005/867	200	±	32	49	2005/2040	270	±	41
24	2005/887	395	±	55	50	2005/2066	500	±	68
25	2005/919	295	±	43	51	2005/2132	127	±	22
26	2005/1016	327	±	47	52	2005/2147	272	±	40

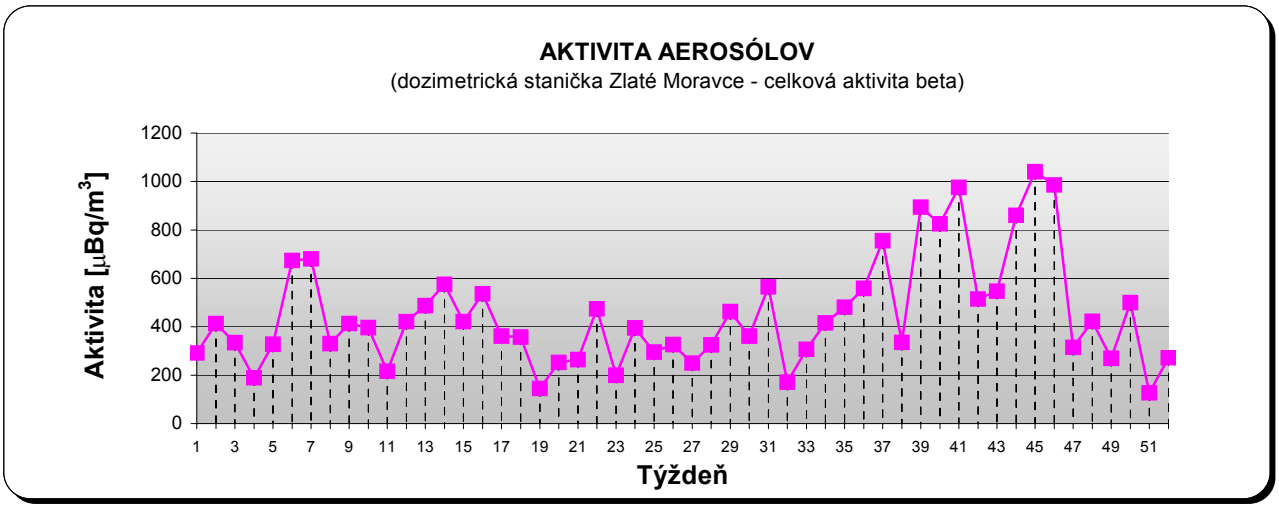


Table 248 Gross beta activity of aerosols - SDS Zlaté Moravce, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2006/15	354	±	52	27	2006/940	345	±	47
2	2006/30	503	±	70	28	2006/976	548	±	73
3	2006/46	721	±	92	29	2006/991	323	±	46
4	2006/62	975	±	117	30	2006/1117	637	±	81
5	2006/77	883	±	112	31	2006/1144	515	±	67
6	2006/92	955	±	117	32	2006/1163	171	±	27
7	2006/110	366	±	52	33	2006/1181	269	±	39
8	2006/139	291	±	43	34	2006/1202	441	±	59
9	2006/157	354	±	49	35	2006/1285	256	±	38
10	2006/270	213	±	33	36	2006/1332	225	±	34
11	2006/308	227	±	36	37	2006/1364	326	±	46
12	2006/377	539	±	70	38	2006/1382	564	±	73
13	2006/402	240	±	36	39	2006/1400	744	±	92
14	2006/424	169	±	27	40	2006/1495	1018	±	120
15	2006/455	287	±	43	41	2006/1513	280	±	41
16	2006/520	282	±	41	42	2006/1587	602	±	77
17	2006/543	462	±	62	43	2006/1672	565	±	72
18	2006/604	308	±	44	44	2006/1687	394	±	54
19	2006/654	449	±	60	45	2006/1728	217	±	34
20	2006/691	368	±	51	46	2006/1751	326	±	46
21	2006/710	296	±	43	47	2006/1778	759	±	94
22	2006/786	186	±	29	48	2006/1894	630	±	80
23	2006/803	180	±	28	49	2006/1912	1009	±	120
24	2006/822	257	±	37	50	2006/1927	574	±	74
25	2006/857	477	±	65	51	2006/1942	664	±	84
26	2006/873	480	±	64	52	2006/1975	232	±	35

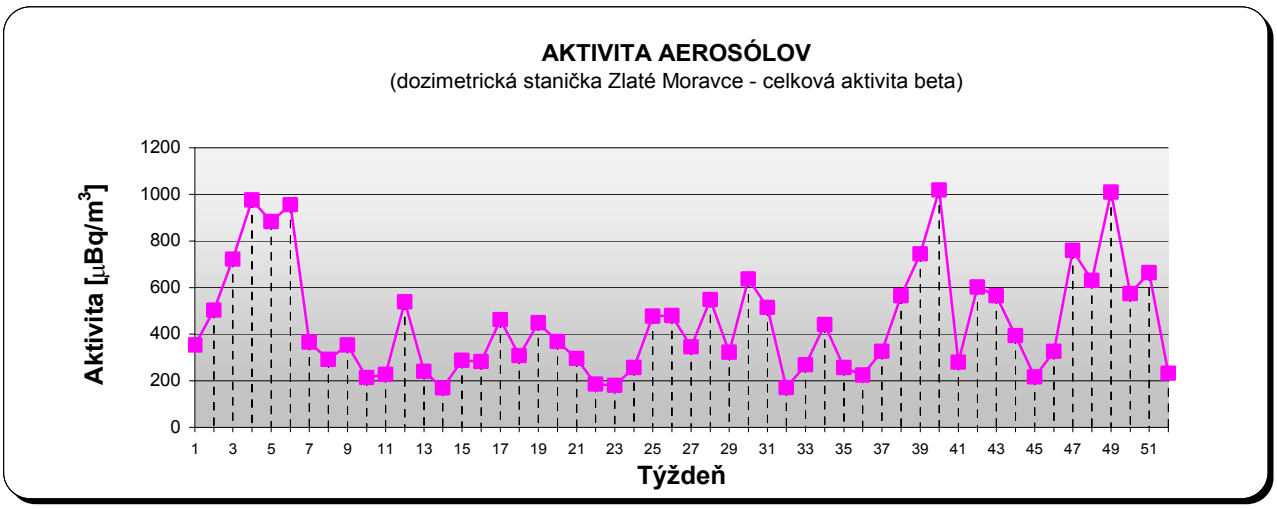


Table 249 Gross beta activity of aerosols - SDS Zlaté Moravce, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/16	358	±	50	27	2007/934	208	±	32
2	2007/31	168	±	27	28	2007/951	51	±	10
3	2007/49	144	±	24	29	*	*		
4	2007/88	181	±	28	30	*	*		
5	2007/131	89	±	15	31	*	*		
6	2007/165	116	±	19	32	*	*		
7	2007/180	135	±	22	33	2007/1179	316	±	47
8	2007/197	209	±	32	34	2007/1247	248	±	37
9	2007/213	295	±	42	35	2007/1262	215	±	33
10	2007/281	110	±	18	36	2007/1296	149	±	23
11	2007/301	158	±	25	37	2007/1315	78	±	14
12	2007/336	142	±	23	38	2007/1363	222	±	34
13	2007/418	182	±	28	39	2007/1431	213	±	32
14	2007/435	299	±	43	40	2007/1458	223	±	34
15	2007/460	122	±	20	41	2007/1499	235	±	35
16	2007/491	253	±	37	42	2007/1519	228	±	34
17	2007/506	174	±	27	43	2007/1552	139	±	23
18	2007/575	225	±	34	44	2007/1639	288	±	41
19	2007/590	177	±	28	45	2007/1663	85	±	15
20	2007/635	165	±	26	46	2007/1738	72	±	13
21	2007/660	217	±	33	47	2007/1809	147	±	24
22	2007/738	273	±	40	48	2007/1857	269	±	40
23	2007/786	156	±	25	49	2007/1872	181	±	28
24	2007/802	272	±	40	50	2007/1915	127	±	20
25	2007/835	211	±	32	51	2007/1959	175	±	27
26	2007/850	143	±	23	52	2007/1974	412	±	55

* Porucha odberového zariadenia

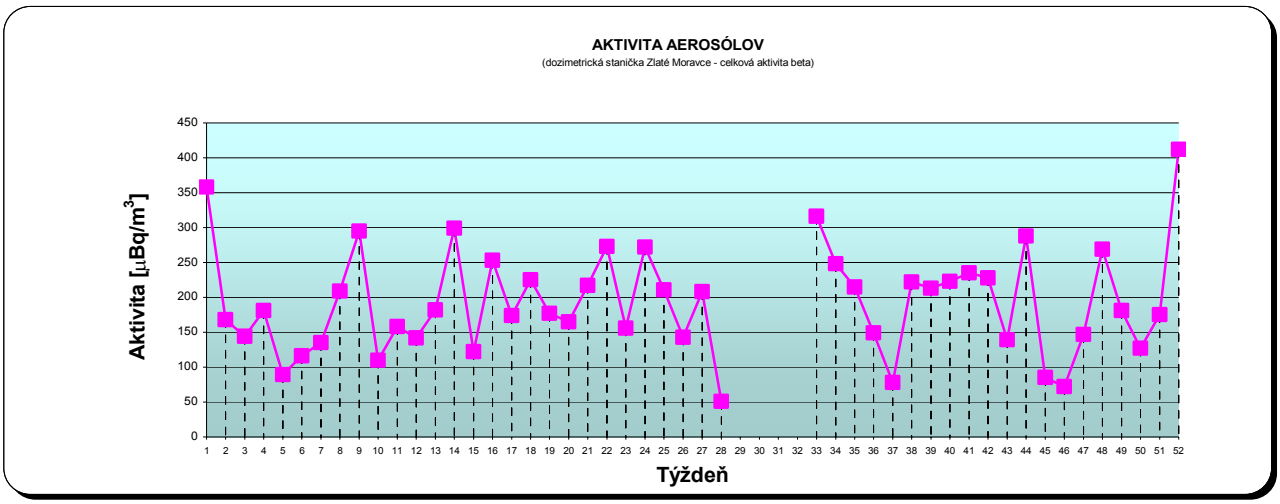


Table 250 Gross beta activity of aerosols - SDS Zlaté Moravce, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Zlaté Moravce - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/14	339	±	50	27	2008/991	217	±	19
2	2008/30	274	±	42	28	2008/1073	217	±	19
3	2008/45	242	±	37	29	2008/1097	144	±	12
4	2008/60	191	±	31	30	2008/1112	166	±	14
5	2008/130	131	±	22	31	2008/1180	184	±	16
6	2008/145	191	±	30	32	2008/1195	326	±	28
7	2008/172	206	±	32	33	2008/1222	187	±	16
8	2008/242	231	±	20	34	2008/1247	213	±	18
9	2008/309	240	±	21	35	2008/1293	168	±	14
10	2008/338	121	±	10	36	2008/1370	253	±	22
11	2008/378	174	±	15	37	2008/1408	399	±	34
12	2008/407	124	±	11	38	2008/1423	140	±	12
13	2008/423	77	±	7	39	2008/1510	149	±	13
14	2008/509	193	±	17	40	2008/1527	444	±	38
15	2008/528	133	±	11	41	2008/1563	214	±	18
16	2008/545	148	±	13	42	2008/1583	337	±	29
17	2008/616	131	±	11	43	2008/1605	372	±	32
18	2008/634	241	±	21	44	2008/1653	350	±	30
19	2008/653	156	±	13	45	2008/1726	343	±	30
20	2008/676	155	±	13	46	2008/1751	521	±	45
21	2008/710	197	±	17	47	2008/1766	422	±	36
22	2008/788	172	±	15	48	2008/1843	114	±	10
23	2008/811	286	±	25	49	2008/1883	162	±	14
24	2008/856	246	±	21	50	2008/1903	161	±	14
25	2008/873	125	±	11	51	2008/1948	244	±	21
26	2008/969	242	±	21	52	2008/2065	151	±	13

* Porucha odberového zariadenia

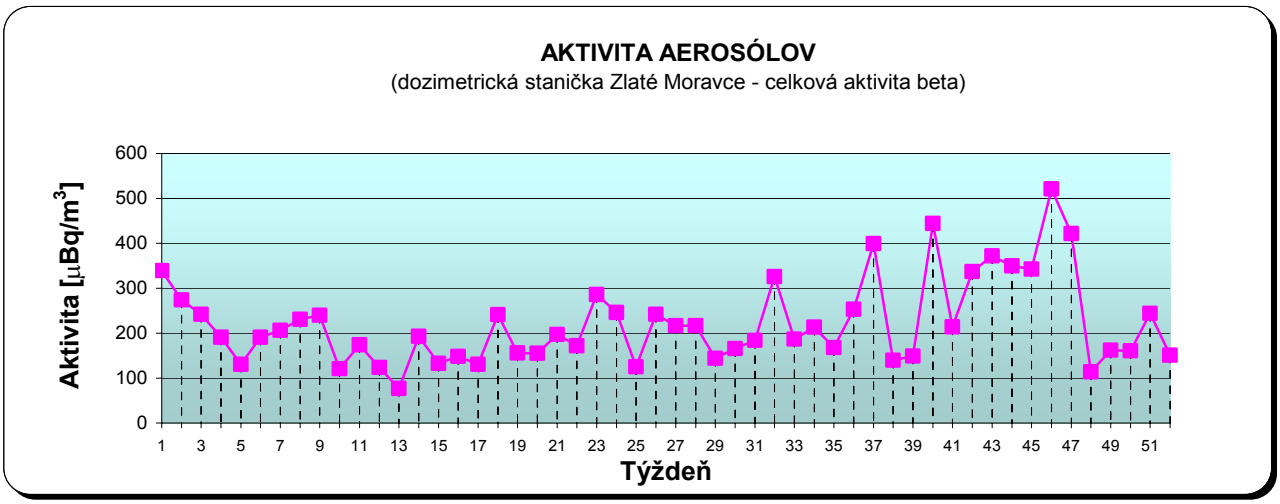


Table 251 Gross beta activity of aerosols - SDS Zlaté Moravce, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2005/15	242	±	39	27	2005/1037	209	±	32
2	2005/30	399	±	55	28	2005/1068	263	±	39
3	2005/51	322	±	47	29	2005/1086	361	±	51
4	2005/66	148	±	25	30	2005/1102	290	±	43
5	2005/135	283	±	42	31	2005/1174	784	±	98
6	2005/166	579	±	75	32	2005/1205	193	±	30
7	2005/200	673	±	88	33	2005/1253	147	±	22
8	2005/265	333	±	47	34	2005/1379	350	±	53
9	2005/280	314	±	48	35	2005/1394	378	±	54
10	2005/315	364	±	51	36	2005/1432	412	±	56
11	2005/342	176	±	28	37	2005/1453	545	±	74
12	2005/359	377	±	54	38	2005/1468	193	±	30
13	2005/387	445	±	58	39	2005/1531	731	±	92
14	2005/406	465	±	64	40	2005/1559	662	±	85
15	2005/438	323	±	46	41	2005/1603	905	±	110
16	2005/499	194	±	30	42	2005/1622	459	±	63
17	2005/565	350	±	50	43	2005/1643	407	±	56
18	2005/648	316	±	46	44	2005/1735	516	±	69
19	2005/675	142	±	23	45	2005/1789	1047	±	125
20	2005/708	204	±	32	46	2005/1895	924	±	115
21	2005/762	154	±	25	47	2005/1910	258	±	38
22	2005/829	403	±	56	48	2005/2004	361	±	51
23	2005/868	172	±	27	49	2005/2041	286	±	42
24	2005/888	308	±	45	50	2005/2067	498	±	67
25	2005/920	322	±	46	51	2005/2133	94	±	16
26	2005/1017	266	±	40	52	2005/2148	246	±	37

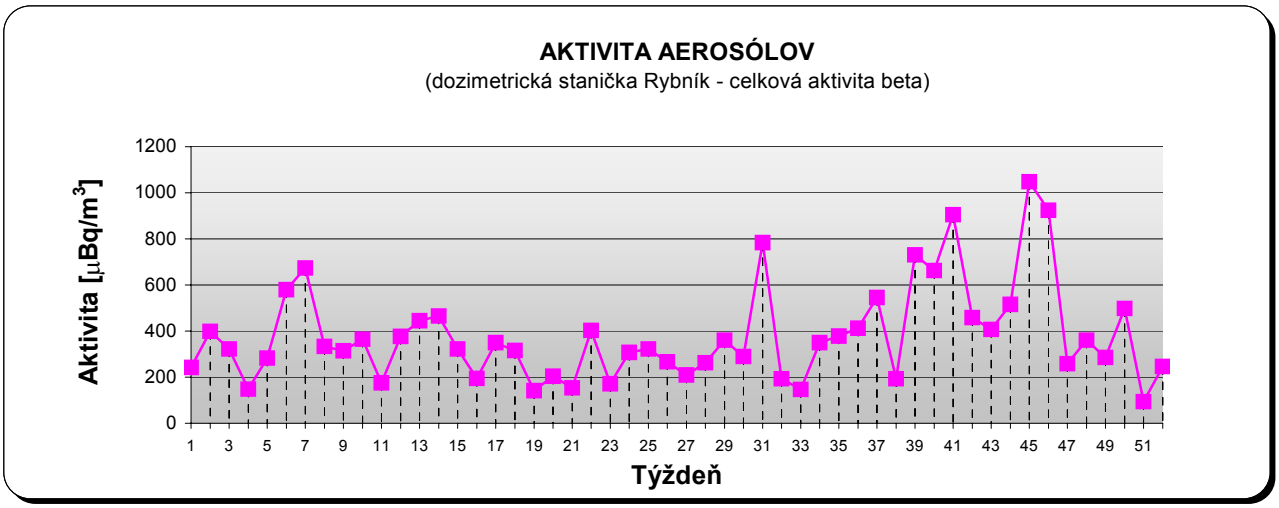


Table 252 Gross beta activity of aerosols - SDS Rybník, 2005

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m^3]		
1	2006/16	322	±	53	27	2006/941	307	±	42
2	2006/31	465	±	65	28	2006/977	527	±	70
3	2006/47	586	±	76	29	2006/992	330	±	46
4	2006/63	648	±	81	30	2006/1118	623	±	79
5	2006/78	785	±	100	31	2006/1145	440	±	59
6	2006/93	699	±	89	32	2006/1164	127	±	21
7	2006/111	335	±	48	33	2006/1182	216	±	32
8	2006/140	254	±	38	34	2006/1203	349	±	48
9	2006/158	305	±	43	35	2006/1286	245	±	36
10	2006/271	198	±	30	36	2006/1333	217	±	33
11	2006/309	285	±	41	37	2006/1365	258	±	38
12	2006/378	507	±	66	38	2006/1383	502	±	65
13	2006/403	257	±	38	39	2006/1401	565	±	72
14	2006/425	145	±	23	40	2006/1496	1079	±	125
15	2006/456	292	±	42	41	2006/1514	266	±	39
16	2006/521	190	±	29	42	2006/1588	572	±	73
17	2006/544	376	±	52	43	2006/1673	515	±	66
18	2006/605	353	±	49	44	2006/1688	375	±	51
19	2006/655	395	±	54	45	2006/1729	233	±	35
20	2006/692	316	±	45	46	2006/1752	289	±	41
21	2006/720	281	±	41	47	2006/1779	715	±	88
22	2006/787	126	±	21	48	2006/1895	631	±	79
23	2006/804	136	±	22	49	2006/1913	1041	±	122
24	2006/823	225	±	33	50	2006/1928	499	±	65
25	2006/858	422	±	58	51	2006/1943	625	±	79
26	2006/874	487	±	65	52	2006/1976	318	±	45

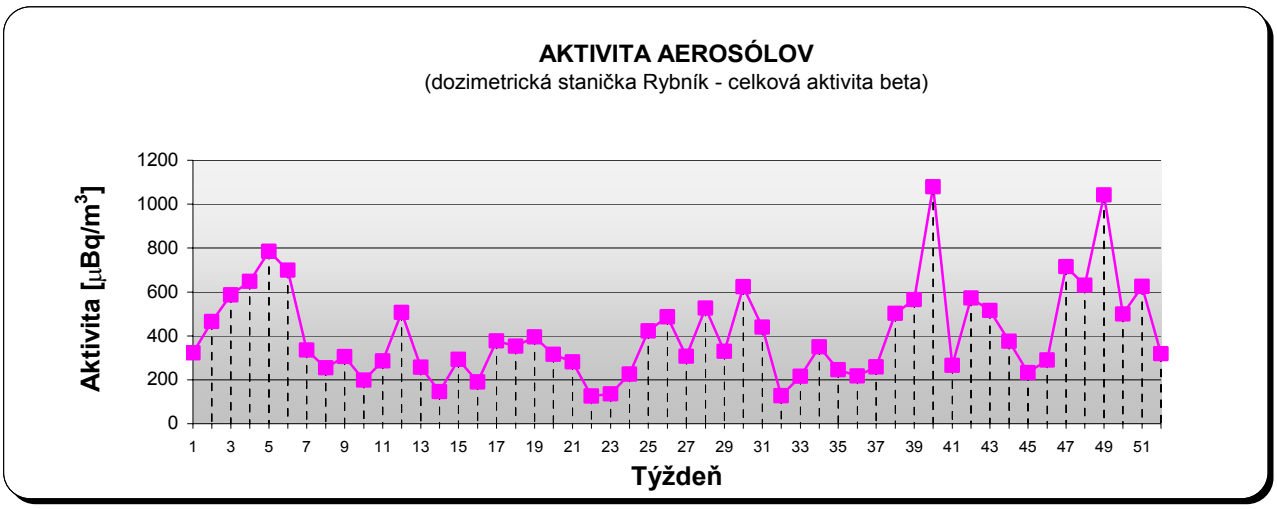


Table 253 Gross beta activity of aerosols - SDS Rybník, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2007/17	341	±	47	27	2007/935	120	±	20
2	2007/32	135	±	22	28	2007/952	118	±	19
3	2007/50	145	±	23	29	2007/1027	182	±	29
4	2007/89	182	±	28	30	2007/1102	352	±	49
5	2007/132	110	±	18	31	2007/1132	155	±	24
6	2007/166	118	±	19	32	2007/1165	48	±	9
7	2007/181	136	±	22	33	2007/1180	270	±	39
8	2007/198	194	±	29	34	2007/1248	246	±	37
9	2007/214	287	±	41	35	2007/1263	283	±	41
10	2007/282	83	±	14	36	2007/1297	126	±	20
11	2007/302	156	±	24	37	2007/1316	51	±	9
12	2007/337	173	±	27	38	2007/1364	252	±	38
13	2007/419	153	±	24	39	2007/1432	211	±	32
14	2007/436	269	±	39	40	2007/1459	288	±	41
15	2007/461	157	±	25	41	2007/1500	300	±	43
16	2007/492	197	±	30	42	2007/1520	246	±	36
17	2007/507	164	±	26	43	2007/1553	148	±	24
18	2007/576	247	±	36	44	2007/1640	355	±	49
19	2007/591	145	±	23	45	2007/1664	79	±	14
20	2007/636	122	±	20	46	2007/1739	51	±	9
21	2007/661	157	±	25	47	2007/1810	168	±	26
22	2007/739	238	±	37	48	2007/1858	306	±	44
23	2007/787	103	±	18	49	2007/1873	190	±	29
24	2007/803	182	±	28	50	2007/1916	166	±	25
25	2007/836	182	±	28	51	2007/1960	260	±	37
26	2007/851	137	±	22	52	2007/1975	537	±	68

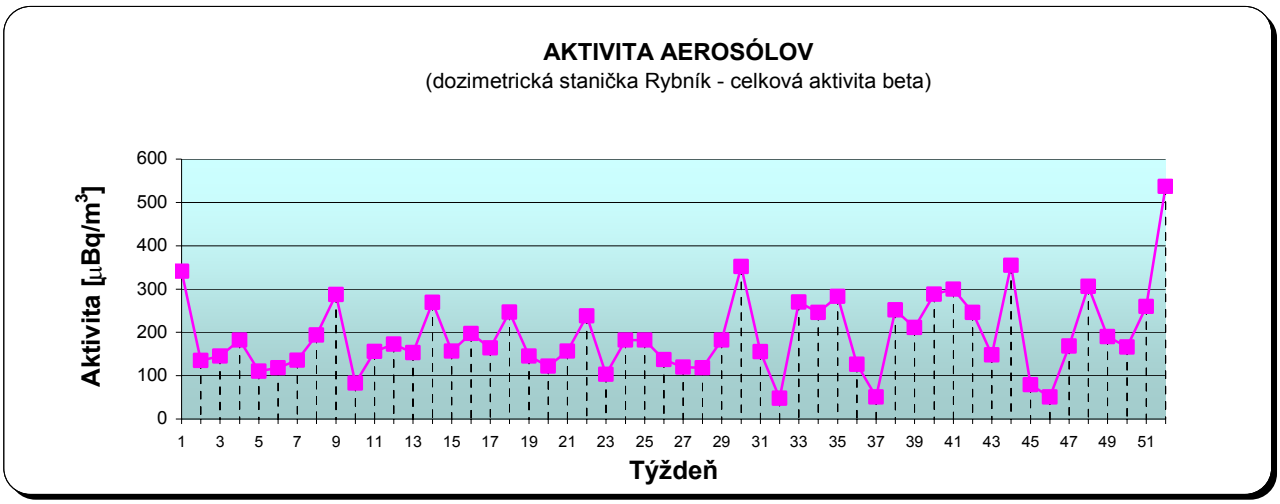


Table 254 Gross beta activity of aerosols - SDS Rybník, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Rybník - celková aktivita beta)

Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]			Týždeň	Evidenčné číslo protokolu	Aktivita [μBq/m³]		
1	2008/15	441	±	61	27	2008/992	190	±	16
2	2008/31	317	±	47	28	2008/1074	204	±	18
3	2008/46	261	±	39	29	2008/1098	179	±	15
4	2008/61	171	±	27	30	2008/1113	155	±	13
5	2008/131	112	±	19	31	2008/1181	218	±	19
6	2008/146	210	±	32	32	2008/1196	248	±	21
7	2008/173	190	±	30	33	2008/1223	131	±	11
8	2008/243	233	±	20	34	2008/1248	217	±	19
9	2008/310	224	±	19	35	2008/1294	183	±	16
10	2008/339	91	±	8	36	2008/1371	183	±	16
11	2008/379	138	±	12	37	2008/1409	465	±	40
12	2008/408	47	±	4	38	2008/1424	179	±	15
13	2008/424	88	±	8	39	2008/1511	152	±	13
14	2008/510	179	±	15	40	2008/1528	352	±	30
15	2008/529	113	±	10	41	2008/1564	154	±	13
16	2008/546	180	±	15	42	2008/1584	351	±	30
17	2008/617	96	±	8	43	2008/1606	419	±	36
18	2008/635	214	±	18	44	2008/1654	286	±	25
19	2008/654	139	±	12	45	2008/1727	332	±	29
20	2008/677	132	±	11	46	2008/1752	472	±	41
21	2008/711	208	±	18	47	2008/1767	311	±	27
22	2008/789	166	±	14	48	2008/1844	113	±	10
23	2008/812	276	±	24	49	2008/1884	162	±	14
24	2008/857	244	±	21	50	2008/1904	164	±	14
25	2008/874	164	±	14	51	2008/1949	198	±	17
26	2008/970	221	±	19	52	2008/2066	113	±	10

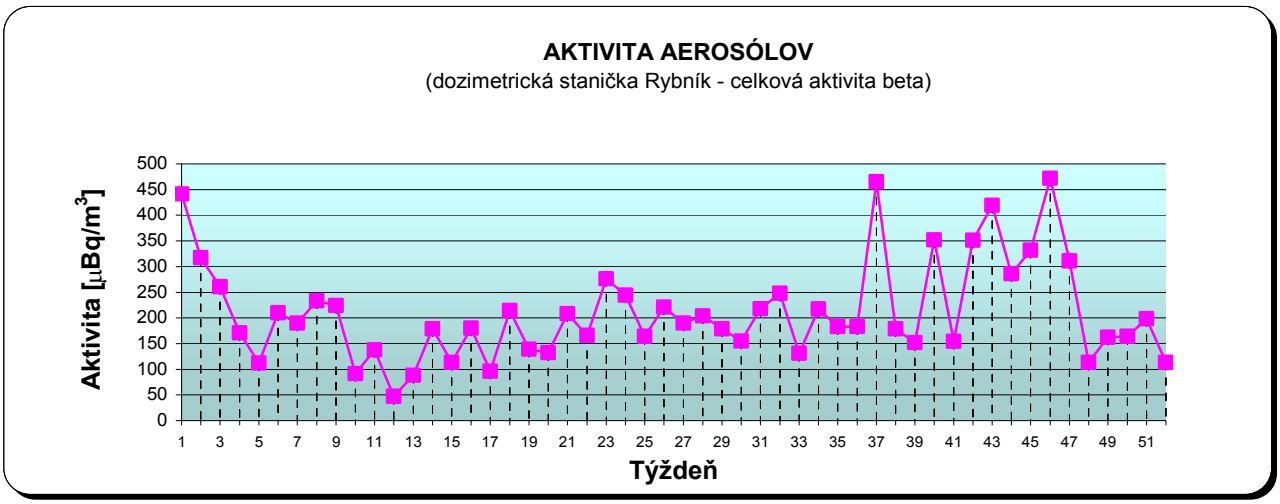


Table 255 Gross beta activity of aerosols - SDS Rybník, 2008

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - ^{90}Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]
6	2006/90	0,8 ± 0,1	18	2006/602	1,5 ± 0,2	32	2006/1161	2,0 ± 0,3	44	2006/1685	3,2 ± 0,4

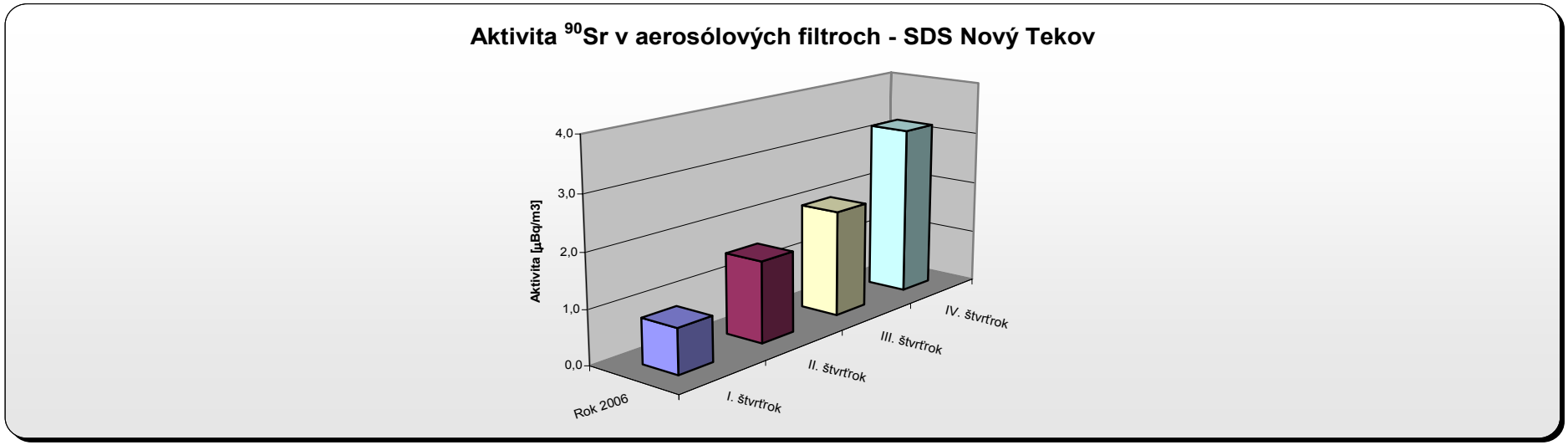


Table 256 ^{90}Sr aerosol activity - SDS Nový Tekov, 2006

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - ^{90}Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]
6	2007/163	0,8 ± 0,1	18	2007/573	1,2 ± 0,2	32	2007/1162	0,9 ± 0,2	44	2007/1661	1,7 ± 0,3

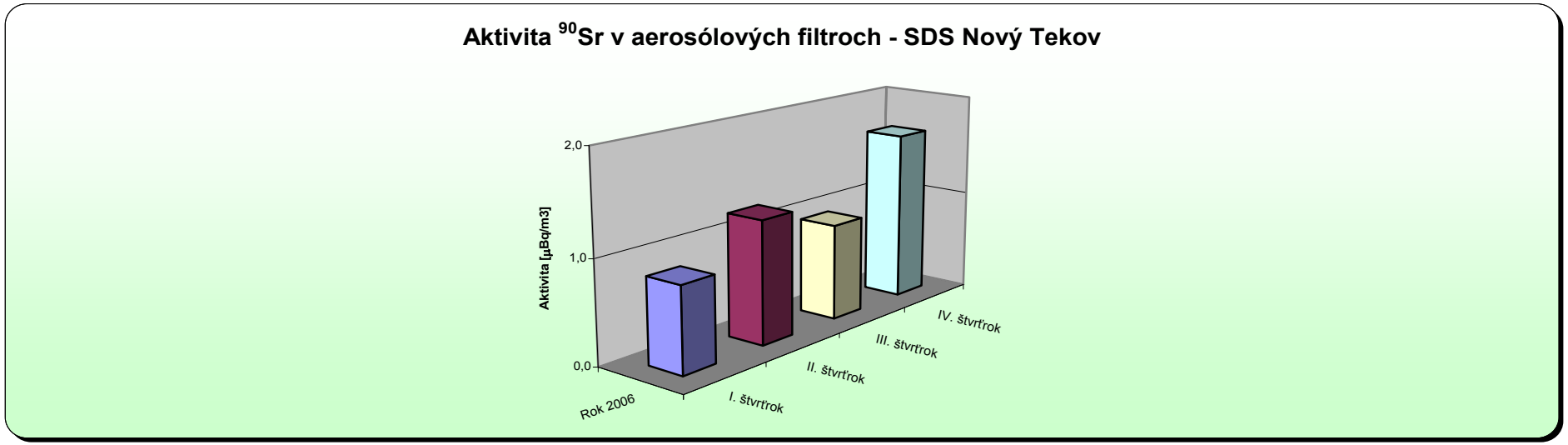


Table 257 ^{90}Sr aerosol activity - SDS Nový Tekov, 2007

AKTIVITA AEROSÓLOV

(dozimetrická stanička Nový Tekov - ^{90}Sr)

I. štvrťrok			II. štvrťrok			III. štvrťrok			IV. štvrťrok		
Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]	Tý	Evidenčné číslo protokolu	Aktivita-^{90}Sr [μBq/m^3]
6	2008/143	1,7 ± 0,5	18	2008/632	1,4 ± 0,4	32	2008/1193	1,1 ± 0,3	44	2008/1724	1,5 ± 0,4

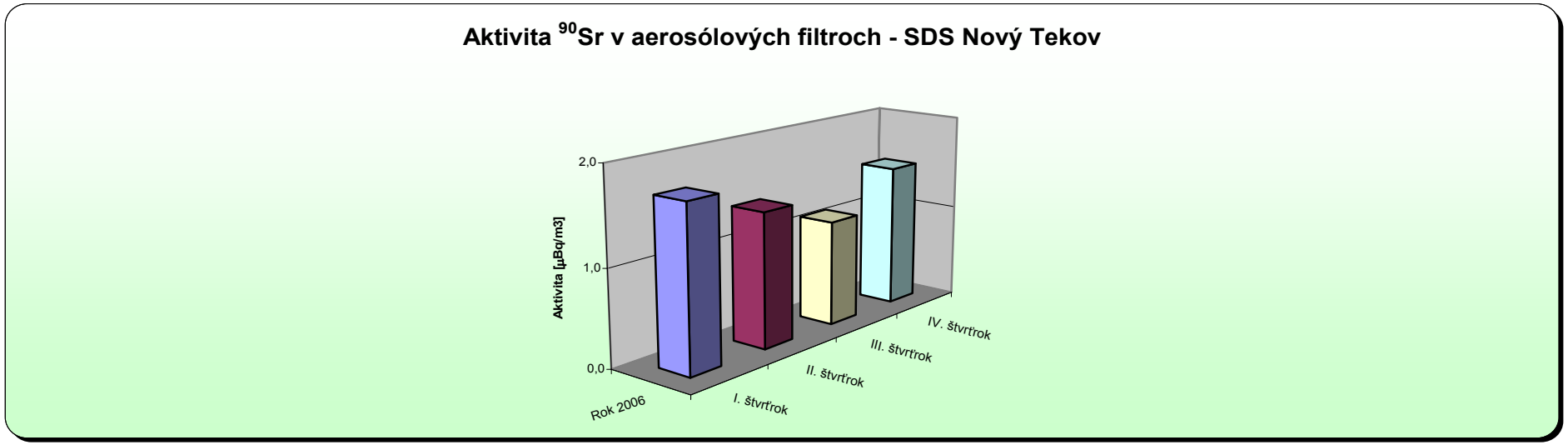


Table 258 ^{90}Sr aerosol activity - SDS Nový Tekov, 2008

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{134}Cs [Bq/m^2]	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	C. hmotnosť spadov [g]
LRKO	1.	2005/0407	<1,48	<1,44	<15,1	55,4 ± 6,3	<3,45	<5,10	0,0560
	2.	2005/1038	<1,01	<0,911	<11,3	165 ± 11	<2,08	<3,24	0,1628
	3.	2005/1560	<1,44	<1,46	<17,1	162 ± 12	<3,47	<5,29	0,0800
	4.	2005/2156	<1,17	<1,10	<10,6	136 ± 10	<2,45	<3,76	0,0702
Levice	1.	2005/0408	<1,45	<1,43	<15,3	42,3 ± 6,2	<3,69	<5,13	0,0272
	2.	2005/1039	<1,09	<1,08	<11,8	133 ± 9	<2,32	<3,72	0,0852
	3.	2005/1561	<1,36	<1,30	<14,4	172 ± 12	<2,87	<4,60	0,0775
	4.	2005/2157	<1,41	<1,39	<14,2	122 ± 10	<3,12	<4,76	0,0571
Kalná n/Hronom	1.	2005/0409	<1,00	<0,945	<9,67	65,1 ± 5,6	<2,32	<3,35	0,1133
	2.	2005/1040	<1,33	<1,22	9,35 ± 2,65	151 ± 11	<2,72	<4,43	0,1812
	3.	2005/1562	<1,39	<1,30	14,4 ± 3,4	156 ± 11	<3,24	<4,50	0,2347
	4.	2005/2158	<0,739	<0,702	26,4 ± 2,9	99,9 ± 6,6	<1,64	<2,40	0,533
Mochovce	1.	2005/0410	<1,42	<1,38	<14,9	59,2 ± 6,9	<3,32	<4,86	0,1127
	2.	2005/1041	<1,00	<0,97	<11,0	164 ± 11	<2,24	<3,56	0,1166
	3.	2005/1563	<1,46	<1,39	14,8 ± 2,9	197 ± 14	<3,35	<5,04	0,1112
	4.	2005/2159	<1,29	<1,22	<13,3	143 ± 11	<2,78	<4,36	0,0756
Čifáre	1.	2005/0411	<1,25	<1,17	<13,0	55,8 ± 6,1	<2,75	<4,29	0,0998
	2.	2005/1042	<1,34	<1,27	10,4 ± 2,8	165 ± 12	<2,80	<4,74	0,1579
	3.	2005/1564	<1,11	<1,07	9,64 ± 2,33	119 ± 9	<2,54	<3,72	0,1170
	4.	2005/2160	<1,07	<1,04	<11,2	78 ± 7,0	<2,62	<3,69	0,1336
Veľký Ďúr	1.	2005/0412	<1,31	<1,22	<12,9	46,3 ± 6,1	<3,04	<4,43	0,2408
	2.	2005/1043	<1,05	<1,00	<10,9	143 ± 10	<2,25	<3,50	0,1284
	3.	2005/1565	<1,32	<1,28	11,3 ± 2,9	142 ± 10	4,13 ± 1,37	<4,64	0,1087
	4.	2005/2161	<0,951	<0,903	<10,3	95,6 ± 7,4	<2,12	<3,26	0,0976
Vráble	1.	2005/0413	<1,25	<1,33	<14,4	53,3 ± 6,27	<2,97	<3,22	0,2966
	2.	2005/1044	<1,29	0,685 ± 0,264	98,0 ± 8,3	80,2 ± 7,3	<2,81	<4,63	1,0721
	3.	2005/1566	<1,11	<1,12	15,2 ± 3,2	135 ± 10	<2,56	<3,61	0,2822
	4.	2005/2162	<1,12	0,756 ± 0,211	9,53 ± 2,00	69,1 ± 6,2	<2,47	<3,61	0,4059
Tajná	1.	2005/0414	<1,28	<1,24	<12,6	68,6 ± 7,0	<2,88	<4,33	0,0549
	2.	2005/1045	<0,82	<0,79	<9,24	168 ± 11	<2,71	<2,71	0,1639
	3.	2005/1567	<1,41	<1,39	15,1 ± 3,3	143 ± 11	3,86 ± 1,59	<4,79	0,0994
	4.	2005/2163	<1,36	<1,33	14,1 ± 4,0	86,7 ± 8,6	<3,32	<4,59	0,2360

Table 259 Fallout activity, 2005

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{134}Cs [Bq/m^2]	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	C. hmotnosť spadov [g]
Červený Hrádok	1.	2005/0415	<1,40	<1,41	<14,3	67,9 ± 7,4	<3,19	<4,71	0,0214
	2.	2005/1046	<1,28	<1,26	<15,2	162 ± 12	<2,10	<4,38	0,1233
	3.	2005/1568	<1,06	<1,00	9,20 ± 2,33	192 ± 13	<2,58	<3,65	0,0750
	4.	2005/2164	<1,13	<1,03	<11,2	92,5 ± 7,4	3,02 ± 1,33	<3,77	0,0577
Nemčiňany	1.	2005/0416	<1,21	<1,19	<11,2	39,9 ± 4,6	<2,82	<4,29	0,0594
	2.	2005/1047	<1,06	<1,05	10,6 ± 2,4	155 ± 11	<2,53	<3,68	0,0751
	3.	2005/1569	<1,37	<1,32	<13,4	106 ± 9	3,77 ± 1,53	<4,68	0,0701
	4.	2005/2165	<1,39	<1,36	<14,7	105 ± 10	3,65 ± 1,45	<4,39	0,0926
Malé Kozmálovce	1.	2005/0417	<1,17	<1,12	<12,7	58,2 ± 5,1	<2,75	<3,94	0,0803
	2.	2005/1048	<0,95	<0,93	27,3 ± 3,8	160 ± 11	<1,79	<3,40	0,2357
	3.	2005/1570	<0,98	<1,02	19,9 ± 3	150 ± 10	<2,59	<3,69	0,1272
	4.	2005/2166	<1,53	<1,07	33,6 ± 4,4	139 ± 10	3,36 ± 1,15	<3,63	0,4573
Nový Tekov	1.	2005/0418	<1,12	<1,12	<12,1	47,6 ± 5,6	<2,62	<3,81	0,0627
	2.	2005/1049	<1,05	<1,02	13,0 ± 2,9	170 ± 12	<2,51	<3,58	0,1715
	3.	2005/1571	<1,34	<1,35	<14,7	160 ± 12	3,19 ± 1,46	<4,54	0,1039
	4.	2005/2167	<1,42	<1,32	<14,8	79,9 ± 8,4	5,97 ± 1,62	<4,84	0,0768
Kozárovce	1.	2005/0419	<1,30	<1,32	<12,5	67,3 ± 6,5	<2,98	<4,43	0,0566
	2.	2005/1050	<1,43	<1,34	<16,6	183 ± 14	<3,08	<4,63	0,2501
	3.	2005/1572	<1,07	<1,01	6,85 ± 2	163 ± 11	<2,48	<3,57	0,1140
	4.	2005/2168	<0,98	<0,94	10,2 ± 2,5	106 ± 8	3,46 ± 1,23	<3,38	0,1615
Zlaté Moravce	1.	2005/0420	<1,21	<1,17	<11,7	46,8 ± 6,1	<2,69	<4,07	0,0530
	2.	2005/1051	<0,79	<0,77	<10,3 ± 1,8	169 ± 11	3,88 ± 0,81	<2,44	0,1297
	3.	2005/1573	<1,31	<1,32	<13,3	53,0 ± 6,1	<3,08	<4,59	0,0313
	4.	2005/2169	<2,00	<1,37	<14,9	105 ± 11	6,08 ± 1,56	<4,94	0,0924
Rybník	1.	2005/0421	<1,13	<1,10	6,98 ± 1,92	67,3 ± 6,2	<2,62	<3,93	0,0837
	2.	2005/1052	<1,31	<1,27	<15,2	180 ± 13	<2,97	<4,53	0,1481
	3.	2005/1574	<1,13	<1,01	11,1 ± 2,3	87,8 ± 7	<2,53	<2,62	0,0980
	4.	2005/2170	<0,85	<0,82	9,81 ± 2,0	108 ± 8	4,12 ± 1,14	<2,82	0,1371

Table 260 Fallout activity, 2005

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
LRKO	1.	2006/0426	<1,59	<16,2	44,1 ± 5,1	<3,96	<5,30	0,0442
	2.	2006/0947	<1,41	14,5 ± 3,2	317 ± 20	<3,38	<4,92	0,1136
	3.	2006/1515	<1,62	<17,0	113 ± 10	<3,59	<5,71	0,0854
	4.	2006/2052	<1,49	8,98 ± 2,54	55,6 ± 5,9	<3,35	<5,01	0,0458
Levice	1.	2006/0427	<1,28	<12,0	58,6 ± 6,4	<3,04	<4,26	0,0315
	2.	2006/0948	<1,07	13,3 ± 2,6	378 ± 23	<2,58	<3,31	0,1311
	3.	2006/1516	<1,11	8,94 ± 2,47	117 ± 8	<2,27	<3,70	0,0964
	4.	2006/2053	<1,05	<10,9	55,0 ± 4,8	<2,35	<3,65	0,0625
Kalná n/Hronom	1.	2006/0428	<1,32	<13,1	54,8 ± 5,4	3,69 ± 1,61	<4,97	0,0770
	2.	2006/0949	<1,35	19,5 ± 3,9	323 ± 20	2,57 ± 1,41	<5,00	0,2604
	3.	2006/1517	<1,33	18,7 ± 3,8	132 ± 10	<2,95	<4,83	0,2413
	4.	2006/2054	<1,30	83,7 ± 7,6	75,4 ± 6,7	<3,02	<4,83	0,8639
Mochovce	1.	2006/0429	<1,24	9,12 ± 2,29	48,3 ± 5,5	<3,10	<4,46	0,0434
	2.	2006/0950	<1,08	12,3 ± 2,8	443 ± 27	<2,13	<3,81	0,1488
	3.	2006/1518	<1,05	9,14 ± 2,29	142 ± 10	<2,26	<3,78	0,0735
	4.	2006/2055	<0,992	8,03 ± 2,03	46,8 ± 4,7	<2,37	<3,70	0,0697
Čifáre	1.	2006/0430	<1,42	<14,7	50,6 ± 5,4	3,32 ± 1,49	<5,10	0,0768
	2.	2006/0951	<1,16	<13,4	315 ± 20	5,75 ± 1,05	<4,30	0,2713
	3.	2006/1519	<1,24	12,5 ± 2,6	138 ± 10	2,18 ± 0,91	<4,23	0,1487
	4.	2006/2056	<1,38	23,4 ± 4,9	79,0 ± 7,3	<3,23	<4,88	0,1844
Veľký Ďúr	1.	2006/0431	<0,905	<9,06	76,2 ± 5,7	<2,26	<3,12	0,0884
	2.	2006/0952	<1,35	<14,1	370 ± 23	7,98 ± 1,27	<4,50	0,1749
	3.	2006/1520	<1,14	<13,1	151 ± 11	2,34 ± 0,85	<4,27	0,1437
	4.	2006/2057	<1,06	9,87 ± 2,69	76,4 ± 6,3	<2,14	<3,63	0,0819
Vráble	1.	2006/0432	<1,24	<12,1	66,3 ± 5,9	4,71 ± 1,42	<4,07	0,2955
	2.	2006/0953	0,710 ± 0,279	<15,8	216 ± 14	<3,37	<4,93	0,3041
	3.	2006/1521	0,562 ± 0,233	7,93 ± 1,96	136 ± 9	<2,24	<3,54	0,2890
	4.	2006/2058	<1,19	<11,6	49,0 ± 5,6	<2,83	<4,34	0,0642
Tajná	1.	2006/0433	<1,19	6,76 ± 2,07	56,7 ± 5,1	<3,06	<4,17	0,0449
	2.	2006/0954	<0,911	17,3 ± 2,8	358 ± 22	<2,24	<3,76	0,1294
	3.	2006/1522	<0,810	14,1 ± 2,5	133 ± 9	<1,76	<2,86	0,1632
	4.	2006/2059	<1,04	13,7 ± 2,8	45,7 ± 5,7	<2,46	<3,83	0,1472

Table 261 Fallout activity, 2006

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
Červený Hrádok	1.	2006/0434	<1,60	<16,4	47,5 ± 5,8	7,36 ± 1,71	<5,57	0,0317
	2.	2006/0955	<1,44	12,3 ± 3,4	286 ± 19	<3,23	<4,91	0,0909
	3.	2006/1523	<1,41	12,4 ± 3,3	132 ± 10	<3,05	<5,09	0,0679
	4.	2006/2060	<1,42	<14,1	46,8 ± 5,2	<3,27	<4,57	0,0547
Nemčiňany	1.	2006/0435	<1,03	<9,74	65,3 ± 5,8	<2,52	<3,69	0,0716
	2.	2006/0956	<1,04	12,5 ± 2,2	246 ± 15	<2,48	<3,62	0,1169
	3.	2006/1524	<1,02	8,98 ± 2,21	170 ± 11	<2,18	<3,47	0,1233
	4.	2006/2061	<0,898	7,12 ± 2,00	57,0 ± 5,5	<2,06	<3,25	0,0582
Malé Kozmálovce	1.	2006/0436	<1,45	<15,2	75,8 ± 7,0	<3,61	<5,25	0,0562
	2.	2006/0957	<1,13	50,2 ± 5,3	427 ± 26	6,02 ± 1,07	<3,91	0,4286
	3.	2006/1525	<0,965	21,0 ± 3,4	146 ± 10	2,08 ± 0,74	<3,33	0,2404
	4.	2006/2062	1,43 ± 0,27	14,4 ± 2,7	54,2 ± 5,2	2,88 ± 1,18	<3,73	0,3335
Nový Tekov	1.	2006/0437	<1,05	<10,5	64,1 ± 5,9	<2,43	<3,75	0,0648
	2.	2006/0958	<1,25	15,4 ± 3,3	385 ± 23	5,58 ± 1,12	<4,16	0,2368
	3.	2006/1526	<1,18	<13,9	152 ± 11	3,74 ± 0,91	<4,25	0,1467
	4.	2006/2063	<1,04	6,81 ± 2,48	57,8 ± 5,9	<2,48	<3,78	0,0368
Kozárovce	1.	2006/0438	<1,42	<13,6	59,1 ± 6,0	<3,61	<5,35	0,0621
	2.	2006/0959	<1,20	<13,2	343 ± 21	4,72 ± 1,08	<4,17	0,2081
	3.	2006/1527	<1,39	34,2 ± 4,5	140 ± 10	<3,06	<4,70	0,3769
	4.	2006/2064	<1,32	<14,2	52,3 ± 6,0	<3,17	<4,59	0,1328
Zlaté Moravce	1.	2006/0439	<1,06	<11,2	66,2 ± 5,7	<2,63	<3,82	0,0625
	2.	2006/0960	<1,06	10,4 ± 2,4	253 ± 16	<2,52	<3,81	0,1077
	3.	2006/1528	<1,02	8,02 ± 2,05	152 ± 10	<2,37	<3,52	0,1274
	4.	2006/2065	<1,02	11,0 ± 2,4	43,8 ± 4,5	2,61 ± 1,10	<3,66	0,0827
Rybník	1.	2006/0440	<1,39	<14,4	49,2 ± 5,0	3,97 ± 1,57	<4,99	0,0517
	2.	2006/0961	<1,37	12,8 ± 3,4	395 ± 24	<3,14	<4,76	0,2133
	3.	2006/1529	<1,32	21,1 ± 3,5	138 ± 10	3,96 ± 1,28	<4,60	0,1637
	4.	2006/2066	0,504 ± 0,276	<15,0	59,6 ± 6,2	<3,33	<4,92	0,3713

Table 262 Fallout activity, 2006

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
LRKO	1.	2007/0462	<1,35	8,62 ± 2,57	112 ± 8	<3,39	<4,76	0,0756
	2.	2007/0905	<1,57	13,3 ± 3,9	247 ± 17	10,5 ± 1,9	<5,26	0,1573
	3.	2007/1460	<1,45	<15,1	201 ± 14	<3,75	<5,19	0,1080
	4.	2007/2032	<1,66	<17,6	60,3 ± 6,7	<4,43	<6,00	0,0461
Levice	1.	2007/0463	<1,11	<11,6	126 ± 9	<2,80	<3,55	0,0502
	2.	2007/0906	<1,13	13,5 ± 2,4	284 ± 18	<2,96	<3,66	0,1009
	3.	2007/1461	<1,02	7,39 ± 2,45	275 ± 17	3,32 ± 1,23	<3,69	0,1012
	4.	2007/2033	<1,27	<12,4	69,2 ± 2,5	<3,33	<4,15	0,0403
Kalná n/Hronom	1.	2007/0464	<1,27	8,52 ± 2,54	95,4 ± 7,4	4,24 ± 1,55	<4,76	0,1036
	2.	2007/0907	<1,43	13,0 ± 3,6	230 ± 16	<3,64	<5,14	0,1831
	3.	2007/1462	<1,29	10,8 ± 2,9	207 ± 14	<3,28	<4,54	0,1707
	4.	2007/2034	<1,44	13,9 ± 3,8	90,7 ± 8,2	<3,82	<5,10	0,2028
Mochovce	1.	2007/0465	<1,38	8,24 ± 2,75	86,2 ± 7,7	<3,27	<4,70	0,0505
	2.	2007/0908	<1,29	13,4 ± 3,6	257 ± 17	<3,16	<4,60	0,1342
	3.	2007/1463	<1,31	<13,4	176 ± 12	<3,25	<4,60	0,0763
	4.	20072035	<1,20	<12,8	94,1 ± 7,7	<3,16	<4,35	0,0515
Čifáre	1.	2007/0466	<1,26	<13,0	115 ± 9	<2,90	<4,26	0,1319
	2.	2007/0909	<1,31	15,3 ± 3,4	208 ± 15	7,77 ± 1,78	<4,74	0,1593
	3.	2007/1464	<1,18	<12,8	125 ± 9	<2,88	<4,20	0,1034
	4.	2007/2036	<1,43	<15,1	86,0 ± 7,6	<3,97	<5,13	0,0818
Veľký Ďúr	1.	2007/0467	<1,32	<14,7	125 ± 10	<3,27	<4,65	0,1109
	2.	2007/0910	<1,30	<14,4	171 ± 13	<3,10	<4,38	0,1254
	3.	2007/1465	<1,25	<13,6	155 ± 11	<3,09	<4,18	0,1040
	4.	2007/2037	<1,16	7,14 ± 2,49	86,8 ± 7,1	<2,77	<3,80	0,0851
Vráble	1.	2007/0468	<1,44	10,8 ± 3,0	112 ± 9	<3,30	<4,69	0,2867
	2.	2007/0911	0,690 ± 0,234	15,9 ± 2,7	281 ± 19	2,36 ± 1,62	<4,81	0,3813
	3.	2007/1466	0,939 ± 0,163	4,44 ± 2,37	198 ± 13	<3,62	<4,69	0,2410
	4.	2007/2038	<1,45	12,8 ± 3,4	72,7 ± 6,8	<3,86	<5,14	0,1500
Tajná	1.	2007/0469	<1,10	9,13 ± 2,51	120 ± 8	<2,81	<3,86	0,0895
	2.	2007/0912	<1,06	16,7 ± 2,9	212 ± 14	<2,83	<3,58	0,1495
	3.	2007/1467	<1,04	5,01 ± 2,31	213 ± 14	<2,77	<3,71	0,1343
	4.	2007/2039	<1,12	16,4 ± 3,4	80,0 ± 6,8	<2,71	<4,14	0,1699

Table 263 Fallout activity, 2007

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
Červený Hrádok	1.	2007/0470	<1,37	8,13 ± 2,80	139 ± 10	<3,20	<4,74	0,0558
	2.	2007/0913	<1,31	15,1 ± 3,4	222 ± 15	3,89 ± 1,64	<4,81	0,1042
	3.	2007/1468	<1,41	7,01 ± 2,43	168 ± 12	<3,73	<4,98	0,0833
	4.	2007/2040	<1,44	8,99 ± 2,65	81,1 ± 7,5	<4,12	<5,29	0,0383
Nemčiňany	1.	2007/0471	<1,14	15,9 ± 2,6	134 ± 10	<2,99	<3,73	0,1008
	2.	2007/0914	<1,11	12,1 ± 2,4	254 ± 16	<2,81	<3,56	0,1634
	3.	2007/1469	<1,32	<12,6	140 ± 11	<3,15	<4,11	0,1003
	4.	2007/2041	<1,04	6,32 ± 2,05	85,3 ± 6,9	4,76 ± 1,26	<3,78	0,0720
Malé Kozmálovce	1.	2007/0472	0,901 ± 0,251	32,6 ± 4,5	140 ± 10	<2,79	<4,26	0,1585
	2.	2007/0915	1,25 ± 0,37	<16,5	218 ± 16	<3,20	<4,51	0,1906
	3.	2007/1470	0,522 ± 0,296	14,7 ± 3,4	171 ± 12	<3,58	<5,05	0,1383
	4.	2007/2042	0,921 ± 0,304	144 ± 11	120 ± 9	<3,73	<5,12	1,0540
Nový Tekov	1.	2007/0473	<1,08	16,0 ± 2,9	148 ± 10	<2,54	<3,28	0,1065
	2.	2007/0916	<1,29	11,4 ± 3,0	248 ± 17	<3,16	<4,31	0,1705
	3.	2007/1471	<1,24	15,2 ± 3,1	183 ± 13	<2,90	<4,42	0,2168
	4.	2007/2043	<1,12	<11,8	88,5 ± 7,0	<2,76	<3,81	0,0716
Kozárovce	1.	2007/0474	<1,23	17,0 ± 3,3	166 ± 11	4,59 ± 1,55	<4,08	0,1840
	2.	2007/0917	<1,26	20,3 ± 3,9	258 ± 17	<3,07	<4,47	0,2692
	3.	2007/1472	<1,32	<15,2	127 ± 10	<3,44	<4,52	0,2855
	4.	2007/2044	<1,35	10,1 ± 3,0	82,2 ± 7,1	<3,71	<5,04	0,1031
Zlaté Moravce	1.	2007/0475	<0,908	12,5 ± 2,2	136 ± 9	2,05 ± 1,14	<3,15	0,1005
	2.	2007/0918	<1,45	<14,8	217 ± 18	3,57 ± 1,73	<4,95	0,1030
	3.	2007/1473	<1,31	<13,5	190 ± 14	<3,24	<4,75	0,1271
	4.	2006/2065	<1,12	4,02 ± 2,06	79,5 ± 6,7	2,95 ± 1,25	<3,87	0,0703
Rybník	1.	2007/0476	<1,46	8,83 ± 2,90	127 ± 10	4,16 ± 1,66	<4,97	0,1114
	2.	2007/0919	<1,12	21,4 ± 3,7	256 ± 17	4,51 ± 1,45	<4,18	0,2051
	3.	2007/1474	<1,34	12,6 ± 3,2	247 ± 16	<3,50	<5,01	0,1851
	4.	2007/2046	<1,23	7,45 ± 2,5	88,8 ± 7,6	<3,17	<4,23	0,1072

Table 264 Fallout activity , 2007

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
LRKO	1.	2008/0480	<1,58	8,54 ± 6,46	86,9 ± 14,0	<3,75	<5,29	0,0584
	2.	2008/0993	<1,31	13,5 ± 5,6	316 ± 37	<3,31	<4,50	0,1279
	3.	2008/1531	<1,15	<7,10	237 ± 28	<2,72	<3,71	0,1061
	4.	2008/2073	<1,50	11,3 ± 6,2	151 ± 23	<3,60	<4,84	0,0838
Levice	1.	2008/0481	<1,25	3,37 ± 4,39	84,8 ± 15,0	<3,33	<4,56	0,0336
	2.	2008/0994	<1,21	12,7 ± 6,3	336 ± 39	<2,77	<4,10	0,1110
	3.	2008/1532	<1,18	14,4 ± 5,9	276 ± 34	<3,10	<4,33	0,1203
	4.	2008/2074	<1,16	<11,9	89,0 ± 13,5	<3,03	<4,17	0,4843
Kalná n/Hronom	1.	2008/0482	<1,30	4,96 ± 4,95	99,9 ± 15,2	<3,44	<4,74	0,0793
	2.	2008/0995	<1,44	14,8 ± 8,3	229 ± 27	<3,38	<4,90	0,1967
	3.	2008/1533	<1,14	17,9 ± 5,7	260 ± 31	<2,90	<4,12	0,2027
	4.	2008/2075	<1,21	33,4 ± 9,2	194 ± 24	<3,08	<4,01	0,8205
Mochovce	1.	2008/0483	<1,20	<12,2	137 ± 19	<3,46	<4,40	0,0504
	2.	2008/0996	<1,16	21,3 ± 7,1	392 ± 45	<2,85	<4,03	0,1256
	3.	2008/1534	<1,28	15,8 ± 6,3	260 ± 33	<3,23	<4,29	0,1058
	4.	2008/2076	<1,16	10,1 ± 5,0	184 ± 24	<3,17	<4,43	0,0565
Čifáre	1.	2008/0484	<1,31	8,57 ± 4,47	93,7 ± 15,0	<3,49	<4,75	0,0913
	2.	2008/0997	<1,10	20,1 ± 6,5	312 ± 37	<2,85	<4,02	0,1762
	3.	2008/1535	<1,05	13,4 ± 5,2	222 ± 27	<2,94	<3,51	0,2536
	4.	2008/2077	<1,12	11,3 ± 5,0	146 ± 21	<2,82	<4,26	0,1211
Veľký Ďúr	1.	2008/0485	<1,16	<11,0	97,8 ± 14,8	<3,10	<3,95	0,0697
	2.	2008/0998	<1,13	14,7 ± 6,2	242 ± 30	<3,03	<4,11	0,1428
	3.	2008/1536	<1,12	<12,8	229 ± 28	<3,11	<3,79	0,1802
	4.	2008/2078	<1,20	7,63 ± 5,16	182 ± 24	<3,02	<4,06	0,1013
Vráble	1.	2008/0486	<1,34	<14,0	63,5 ± 12,0	<3,39	<4,44	0,1452
	2.	2008/0999	<1,01	9,84 ± 4,45	188 ± 22	<2,60	<3,64	0,2057
	3.	2008/1537	<1,08	18,2 ± 5,8	243 ± 29	<2,77	<3,63	0,3156
	4.	2008/2079	<1,11	12,8 ± 5,4	147 ± 20	<2,55	<3,76	0,2098
Tajná	1.	2008/0487	<1,32	8,85 ± 5,54	126 ± 19	<3,66	<4,71	0,0856
	2.	2008/1000	<1,12	39,0 ± 8,8	310 ± 36	<2,85	<3,73	0,1932
	3.	2008/1538	<1,21	21,9 ± 7,5	265 ± 33	<3,27	<4,27	0,1768
	4.	2008/2080	<1,21	112 ± 17	168 ± 21	<3,05	<4,06	1,1805

Table 265 Fallout activity, 2008

AKTIVITA SPADOV

dozimetrické staničky - gamaspektrometria

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
Červený Hrádok	1.	2008/0488	<1,34	9,32 ± 5,24	144 ± 21	<3,31	<4,61	0,0362
	2.	2008/1001	<1,06	19,1 ± 6,5	353 ± 41	<2,77	<3,61	0,1302
	3.	2008/1539	<1,20	8,73 ± 5,31	270 ± 33	<3,14	<4,25	0,0942
	4.	2008/2081	<1,24	10,1 ± 5,6	157 ± 23	<2,92	<4,35	0,0645
Nemčiňany	1.	2008/0489	<1,21	<12,6	139 ± 19	<3,03	<4,05	0,0881
	2.	2008/1002	<1,15	12,8 ± 5,8	307 ± 36	<3,00	<3,94	0,1540
	3.	2008/1540	<1,14	11,3 ± 5,0	245 ± 31	4,37 ± 2,71	<4,12	0,2640
	4.	2008/2082	<1,17	7,24 ± 4,63	140 ± 20	<2,68	<4,07	0,0849
Malé Kozmálovce	1.	2008/0490	<1,21	11,2 ± 4,7	126 ± 18	<3,05	<4,30	0,0788
	2.	2008/1003	<1,15	44,2 ± 9,1	384 ± 44	<2,85	<4,08	0,2293
	3.	2008/1541	<1,24	24,6 ± 7,5	210 ± 28	<3,04	<4,16	0,2138
	4.	2008/2083	<1,12	33,6 ± 8,3	192 ± 25	<2,80	<4,01	0,3668
Nový Tekov	1.	2008/0491	<1,19	9,76 ± 5,19	137 ± 20	<3,27	<4,13	0,0894
	2.	2008/1004	<1,12	29,0 ± 8,1	372 ± 43	<2,83	<3,99	0,2186
	3.	2008/1542	<1,16	<8,17	195 ± 25	<2,98	<4,24	0,1394
	4.	2008/2084	<1,13	12,6 ± 6,3	188 ± 25	<2,77	<4,06	0,1234
Kozárovce	1.	2008/0492	<1,16	8,29 ± 4,74	151 ± 20	<3,25	<3,97	0,0902
	2.	2008/1005	<1,19	12,1 ± 6,2	368 ± 43	<3,04	<4,24	0,1960
	3.	2008/1543	<1,14	18,5 ± 6,5	268 ± 32	<2,83	<3,84	0,2290
	4.	2008/2085	<1,12	45,4 ± 9,8	206 ± 27	<2,81	<4,06	0,2380
Zlaté Moravce	1.	2008/0493	<1,21	<12,7	141 ± 20	<3,10	<4,35	0,1033
	2.	2008/1006	<1,17	8,47 ± 5,38	291 ± 36	<3,11	<4,44	0,1019
	3.	2008/1544	<1,15	9,93 ± 4,99	257 ± 33	<2,72	<4,01	0,1186
	4.	2008/2086	<1,17	6,06 ± 5,13	139 ± 19	<2,88	<4,19	0,1027
Rybník	1.	2008/0494	<1,20	<12,1	124 ± 18	<2,98	<4,10	0,0767
	2.	2008/1007	<1,26	26,2 ± 7,6	404 ± 47	<3,26	<4,05	0,2085
	3.	2008/1545	<1,13	20,7 ± 6,8	228 ± 29	<2,63	<3,80	0,1905
	4.	2008/2087	<1,16	12,9 ± 6,0	191 ± 25	<2,90	<4,09	0,1253

Table 266 Fallout activity, 2008

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	II. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	III. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/m^2]
LRKO	2005/407	4,6 ± 0,6	2005/1038	5,0 ± 0,7	2005/1560	8,3 ± 1,1	2005/2156	9,0 ± 1,1
Levice	2005/408	4,4 ± 0,6	2005/1039	8,1 ± 1,1	2005/1561	8,5 ± 1,1	2005/2157	11,5 ± 1,4
Kalná n/Hronom	2005/409	5,7 ± 0,8	2005/1040	7,5 ± 1,0	2005/1562	6,2 ± 0,8	2005/2158	18,8 ± 2,5
Mochovce	2005/410	6,4 ± 0,8	2005/1041	7,9 ± 1,0	2005/1563	9,9 ± 1,3	2005/2159	11,6 ± 1,4
Čifáre	2005/411	5,5 ± 0,7	2005/1042	10,2 ± 1,3	2005/1564	5,8 ± 0,8	2005/2160	8,3 ± 1,1
Veľký Ďúr	2005/412	4,4 ± 0,6	2005/1043	8,4 ± 1,1	2005/1565	6,0 ± 0,8	2005/2161	9,2 ± 1,1
Vráble	2005/413	9,0 ± 1,2	2005/1044	33,6 ± 4,5	2005/1566	7,7 ± 1,0	2005/2162	8,7 ± 1,2
Tajná	2005/414	4,6 ± 0,7	2005/1045	11,2 ± 1,4	2005/1567	6,9 ± 0,9	2005/2163	16,5 ± 2,0
Červený Hrádok	2005/415	3,8 ± 0,5	2005/1046	12,1 ± 1,5	2005/1568	10,6 ± 1,3	2005/2164	7,1 ± 0,9
Nemčiňany	2005/416	4,0 ± 0,6	2005/1047	7,8 ± 1,0	2005/1569	5,2 ± 0,7	2005/2165	10,5 ± 1,3
Malé Kozmálovce	2005/417	7,2 ± 0,9	2005/1048	8,5 ± 1,1	2005/1570	8,4 ± 1,1	2005/2166	23,3 ± 2,9
Nový Tekov	2005/418	5,1 ± 0,7	2005/1049	8,8 ± 1,1	2005/1571	7,2 ± 0,9	2005/2167	5,9 ± 0,8
Kozárovce	2005/419	5,3 ± 0,7	2005/1050	10,0 ± 1,3	2005/1572	8,9 ± 1,1	2005/2168	14,0 ± 1,7
Zlaté Moravce	2005/420	3,5 ± 0,5	2005/1051	8,9 ± 1,1	2005/1573	2,7 ± 0,4	2005/2169	9,1 ± 1,2
Rybník	2005/421	5,5 ± 0,7	2005/1052	8,4 ± 1,1	2005/1574	5,4 ± 0,7	2005/2170	9,7 ± 1,2

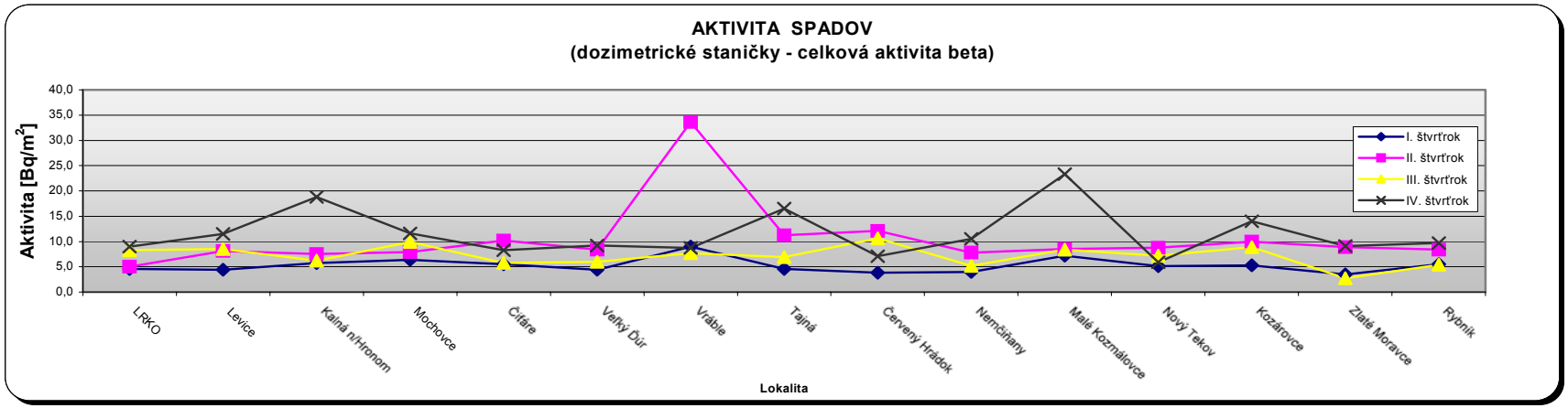


Table 267 Fallout activity, 2005

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	II. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	III. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/m^2]
LRKO	2006/426	3,1 ± 0,5	2006/947	20,1 ± 2,3	2006/1515	12,3 ± 1,6	2006/2052	5,7 ± 0,8
Levice	2006/427	3,4 ± 0,5	2006/948	21,0 ± 2,4	2006/1516	10,5 ± 1,3	2006/2053	4,4 ± 0,6
Kalná n/Hronom	2006/428	4,5 ± 0,6	2006/949	26,6 ± 3,1	2006/1517	14,6 ± 1,8	2006/2054	39,4 ± 4,9
Mochovce	2006/429	4,4 ± 0,6	2006/950	27,6 ± 3,1	2006/1518	11,7 ± 1,4	2006/2055	5,1 ± 0,7
Čifáre	2006/430	4,4 ± 0,6	2006/951	21,3 ± 2,5	2006/1519	12,9 ± 1,6	2006/2056	12,2 ± 1,4
Veľký Ďur	2006/431	6,3 ± 0,8	2006/952	25,9 ± 2,9	2006/1520	12,6 ± 1,5	2006/2057	7,2 ± 1,0
Vráble	2006/432	7,9 ± 1,1	2006/953	13,8 ± 1,7	2006/1521	17,5 ± 2,2	2006/2058	4,8 ± 0,7
Tajná	2006/433	4,1 ± 0,6	2006/954	18,9 ± 2,2	2006/1522	15,9 ± 1,9	2006/2059	7,0 ± 0,9
Červený Hrádok	2006/434	3,7 ± 0,6	2006/955	15,0 ± 1,8	2006/1523	12,4 ± 1,5	2006/2060	3,7 ± 0,5
Nemčiňany	2006/435	4,5 ± 0,6	2006/956	8,4 ± 1,1	2006/1524	13,8 ± 1,6	2006/2061	3,6 ± 0,5
Malé Kozmálovce	2006/436	5,8 ± 0,8	2006/957	33,0 ± 3,9	2006/1525	21,0 ± 2,4	2006/2062	8,0 ± 1,1
Nový Tekov	2006/437	4,6 ± 0,6	2006/958	21,5 ± 2,5	2006/1526	13,8 ± 1,7	2006/2063	5,1 ± 0,7
Kozárovce	2006/438	4,8 ± 0,7	2006/959	22,2 ± 2,6	2006/1527	23,0 ± 2,8	2006/2064	5,8 ± 0,8
Zlaté Moravce	2006/439	4,2 ± 0,6	2006/960	14,6 ± 1,7	2006/1528	11,5 ± 1,4	2006/2065	5,4 ± 0,7
Rybník	2006/440	3,4 ± 0,5	2006/961	26,6 ± 3,0	2006/1529	13,2 ± 1,6	2006/2066	5,6 ± 0,8

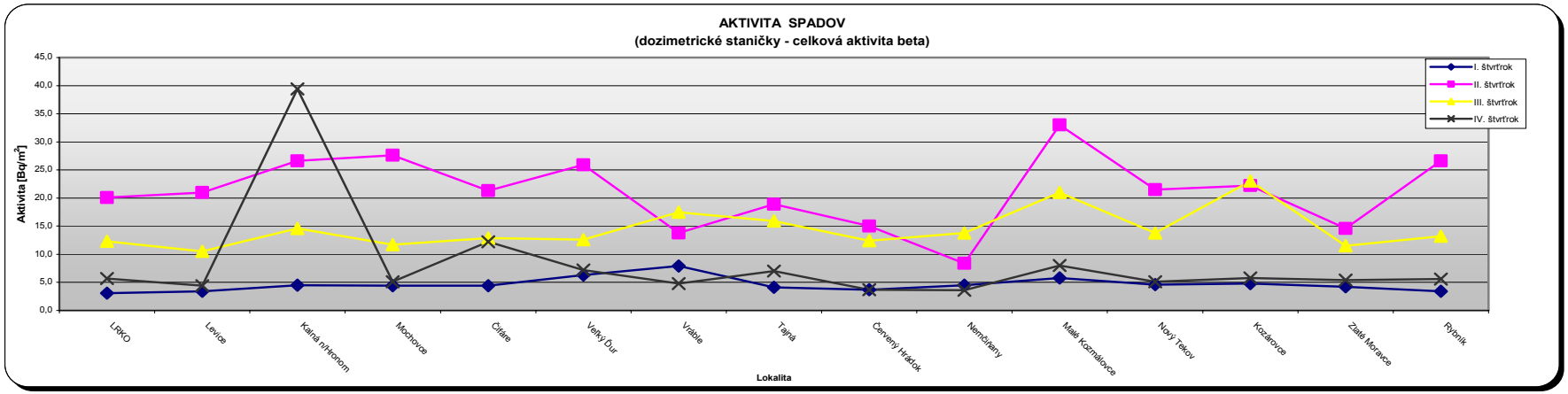


Table 268 Fallout activity, 2006

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	II. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	III. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/m^2]
LRKO	2007/462	13,4 ± 1,6	2007/905	22,0 ± 2,4	2007/1460	19,8 ± 2,4	2007/2032	10,8 ± 1,4
Levice	2007/463	17,0 ± 2,1	2007/906	21,4 ± 2,3	2007/1461	25,5 ± 3,0	2007/2033	11,1 ± 1,4
Kalná n/Hronom	2007/464	13,9 ± 1,7	2007/907	21,4 ± 2,4	2007/1462	23,7 ± 2,9	2007/2034	12,1 ± 1,5
Mochovce	2007/465	13,6 ± 1,7	2007/908	27,2 ± 2,9	2007/1463	18,4 ± 2,2	2007/2035	15,2 ± 1,8
Čifáre	2007/466	14,2 ± 1,7	2007/909	20,9 ± 2,4	2007/1464	11,9 ± 1,4	2007/2036	13,8 ± 1,6
Veľký Ďúr	2007/467	14,2 ± 1,7	2007/910	16,5 ± 1,9	2007/1465	11,9 ± 1,4	2007/2037	17,7 ± 2,0
Vráble	2007/468	15,3 ± 1,9	2007/911	23,1 ± 2,9	2007/1466	11,7 ± 1,4	2007/2038	10,7 ± 1,3
Tajná	2007/469	14,5 ± 1,8	2007/912	23,2 ± 2,5	2007/1467	20,6 ± 2,4	2007/2039	16,6 ± 1,9
Červený Hrádok	2007/470	17,1 ± 2,1	2007/913	20,0 ± 2,3	2007/1468	13,1 ± 1,6	2007/2040	13,8 ± 1,8
Nemčiňany	2007/471	16,0 ± 2,0	2007/914	22,2 ± 2,4	2007/1469	10,8 ± 1,3	2007/2041	13,9 ± 1,6
Malé Kozmálovce	2007/472	31,2 ± 3,5	2007/915	26,4 ± 2,8	2007/1470	16,2 ± 2,0	2007/2042	87,1 ± 10,3
Nový Tekov	2007/473	21,0 ± 2,4	2007/916	21,4 ± 2,3	2007/1471	15,2 ± 1,8	2007/2043	15,8 ± 1,8
Kozárovce	2007/474	28,8 ± 3,3	2007/917	25,2 ± 2,8	2007/1472	15,2 ± 2,0	2007/2044	15,1 ± 1,7
Zlaté Moravce	2007/475	21,3 ± 2,5	2007/918	21,2 ± 2,5	2007/1473	15,6 ± 1,8	2007/2045	10,8 ± 1,4
Rybník	2007/476	17,3 ± 2,1	2007/919	28,1 ± 3,1	2007/1474	24,5 ± 2,6	2007/2046	13,8 ± 1,7

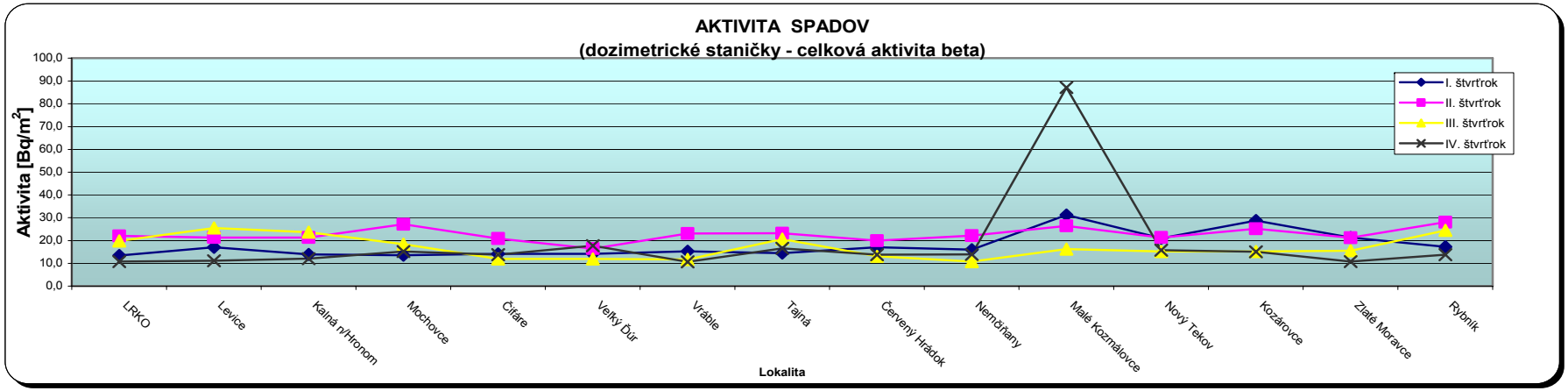


Table 137 Fallout activity, 2007

AKTIVITA SPADOV

(dozimetrické staničky - celková aktivita beta)

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	II. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	III. štvrťrok [Bq/m^2]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/m^2]
LRKO	2008/480	9,8 ± 0,4	2008/993	23,0 ± 0,9	2008/1531	22,3 ± 0,9	2008/2073	13,9 ± 0,5
Levice	2008/481	9,4 ± 0,4	2008/994	26,0 ± 1,0	2008/1532	25,9 ± 1,0	2008/2074	6,9 ± 0,3
Kalná n/Hronom	2008/482	9,1 ± 0,4	2008/995	26,6 ± 1,0	2008/1533	26,8 ± 1,0	2008/2075	38,6 ± 1,5
Mochovce	2008/483	12,9 ± 0,5	2008/996	27,3 ± 1,1	2008/1534	27,4 ± 1,1	2008/2076	16,6 ± 0,6
Čifáre	2008/484	9,6 ± 0,4	2008/997	24,9 ± 1,0	2008/1535	17,8 ± 0,7	2008/2077	15,6 ± 0,6
Veľký Ďúr	2008/485	10,7 ± 0,4	2008/998	22,3 ± 0,9	2008/1536	19,7 ± 0,8	2008/2078	18,5 ± 0,7
Vráble	2008/486	3,9 ± 0,2	2008/999	8,9 ± 0,3	2008/1537	16,2 ± 0,6	2008/2079	18,8 ± 0,7
Tajná	2008/487	15,2 ± 0,6	2008/1000	31,1 ± 1,2	2008/1538	30,0 ± 1,2	2008/2080	70,9 ± 2,7
Červený Hrádok	2008/488	14,1 ± 0,5	2008/1001	27,7 ± 1,1	2008/1539	25,2 ± 1,0	2008/2081	17,8 ± 0,7
Nemčiňany	2008/489	11,4 ± 0,4	2008/1002	21,5 ± 0,8	2008/1540	22,2 ± 0,9	2008/2082	16,3 ± 0,6
Malé Kozmálovce	2008/490	14,3 ± 0,6	2008/1003	39,4 ± 1,5	2008/1541	23,9 ± 0,9	2008/2083	29,3 ± 1,1
Nový Tekov	2008/491	14,4 ± 0,6	2008/1004	30,1 ± 1,2	2008/1542	16,0 ± 0,6	2008/2084	18,1 ± 0,7
Kozárovce	2008/492	12,5 ± 0,5	2008/1005	26,6 ± 1,0	2008/1543	30,5 ± 1,2	2008/2085	37,9 ± 1,5
Zlaté Moravce	2008/493	20,7 ± 0,8	2008/1006	17,5 ± 0,7	2008/1544	19,1 ± 0,7	2008/2086	16,0 ± 0,6
Rybník	2008/494	10,5 ± 0,4	2008/1007	30,5 ± 1,2	2008/1545	26,1 ± 1,0	2008/2087	21,7 ± 0,8

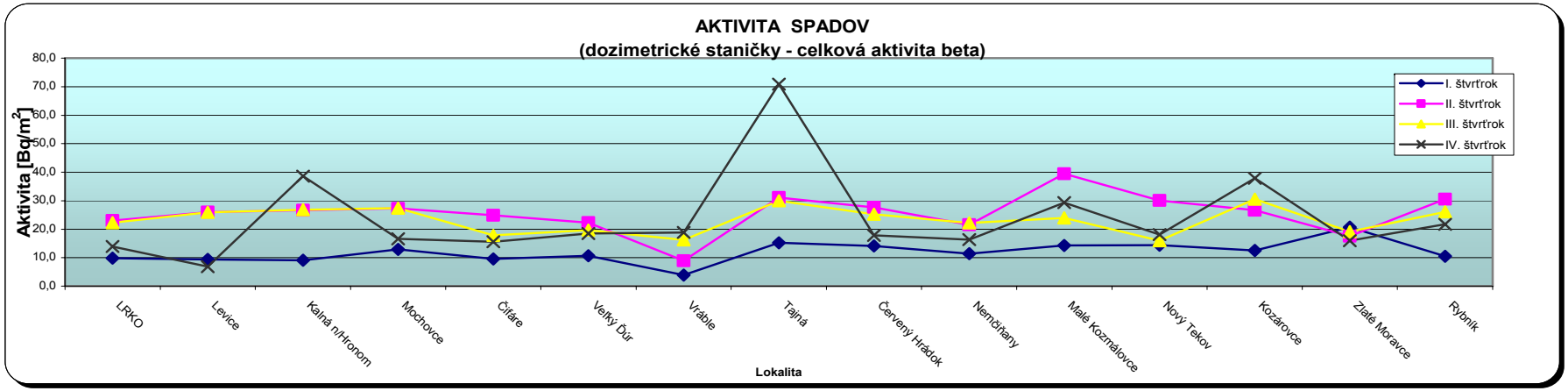


Table 137 Fallout activity, 2008

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Levice *	1.	2005/0167	<5,55	<5,13	158 ± 19	18,2 ± 4,6	<18,5
/Podlužianka/	2.	2005/0735	<7,75	<7,17	120 ± 21	<15,7	<25,1
	3.	2005/1532	<5,14	<5,25	142 ± 19	<11,8	<17,8
	4.	2005/1957	<6,52	<6,16	157 ± 21	19,9 ± 6,2	<20,9
V. Kozmálovce **	1.	2005/0170	<5,39	<5,27	151 ± 18	<11,9	<18,0
/ČS-Perec/	2.	2005/0739	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
	3.	2005/1535	<5,26	<5,05	124 ± 16	<11,1	<17,9
	4.	2005/1960	<6,12	<5,84	143 ± 19	<15,0	<20,2
Kalná n/Hronom	1.	2005/0148	<5,18	<5,25	142 ± 17	<11,5	<18,5
/Hron/	2.	2005/0889	<5,68	<5,53	97,9 ± 15,3	<12,4	<19,9
	3.	2005/1359	<5,22	<5,25	96,5 ± 15,2	<12,6	<18,4
	4.	2005/2008	<5,51	<5,30	162 ± 19	<11,7	<18,7
Mochovce	1.	2005/0136	<6,29	<6,26	410 ± 33	<13,5	<21,8
/Telinský potok/	2.	2005/0743	<6,46	<6,14	311 ± 27	<13,6	<21,2
	3.	2005/1362	<5,31	<5,23	342 ± 27	<11,6	<17,8
	4.	2005/2011	<5,50	<5,17	322 ± 28	<15,9	<18,5
Nemčiňany *	1.	2005/0298	<5,55	<5,13	158 ± 19	18,2 ± 4,6	<18,5
/rybník/	2.	2005/0892	<7,75	<7,17	120 ± 21	<15,7	<25,1
	3.	2005/1538	<5,14	<5,25	142 ± 19	<11,8	<17,8
	4.	2005/1967	<6,52	<6,16	157 ± 21	19,9 ± 6,2	<20,9
Tlmače **	1.	2005/0283	<5,39	<5,27	151 ± 18	<11,9	<18,0
/Hron/	2.	2005/0895	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
	3.	2005/1350	<5,26	<5,05	124 ± 16	<11,1	<17,9
	4.	2005/2014	<6,12	<5,84	143 ± 19	<15,0	<20,2
V. Kozmálovce **	1.	2005/0139	<5,39	<5,27	151 ± 18	<11,9	<18,0
/Hron-Hať/	2.	2005/0898	<6,47	<6,21	98,4 ± 16,4	<13,5	<21,0
	3.	2005/1353	<5,26	<5,05	124 ± 16	<11,1	<17,9
	4.	2005/2017	<6,12	<5,84	143 ± 19	<15,0	<20,2
V. Kozmálovce	1.	2005/0142	<5,24	<5,02	185 ± 22	<11,8	<18,1
/Hron-pod výpustným	2.	2005/0901	<5,78	<5,49	114 ± 19	<12,4	<19,7
otvorom/	3.	2005/1356	<5,11	<4,94	169 ± 18	<11,4	<17,7
	4.	2005/2020	<5,27	<5,24	181 ± 18	<11,2	<17,8

Poznámka: * V tabuľke sú uvedené priemerné hodnoty aktivity dvoch vzoriek (Levice-Podlužianka a Nemčiňany-rybník), zmiešaných v rovnakom objemovom pomere

** V tabuľke sú uvedené priemerné hodnoty aktivity troch vzoriek (V.Kozmálovce-ČS-Perec, Tlmače-Hron a V.Kozmálovce -Hron-hať), zmiešaných v rovnakom objemovom pomere

Table 269 Volume activity in surface waters, 2005

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Kalná n/Hronom	1.	**2006/0114**	<5,75	143 ± 17	<12,7	<18,9
/Hron/	2.	**2006/0693**	<5,02	42,9 ± 13,3	30,6 ± 4,5	<17,5
	3.	**2006/1253**	<4,97	120 ± 16	24,0 ± 4,7	<17,3
	4.	**2006/1702**	<4,67	126 ± 17	11,4 ± 3,4	<17,1
Mochovce	1.	**2006/0117**	<5,43	264 ± 24	<13,0	<20,1
/Telinský potok/	2.	**2006/0696**	<4,72	256 ± 23	13,8 ± 4,5	<16,6
	3.	**2006/1288**	<4,89	322 ± 25	10,3 ± 4,1	<17,0
	4.	**2006/1731**	<5,20	383 ± 28	10,2 ± 4,3	<17,8
Tlmače	1.	**2006/0311**	<6,06	136 ± 20	<13,5	<20,7
/Hron/	2.	**2006/0699**	<4,70	72,3 ± 13,5	22,6 ± 4,9	<17,0
	3.	**2006/1256**	<4,79	101 ± 16	10,1 ± 3,7	<16,6
	4.	**2006/1705**	<4,82	149 ± 17	8,97 ± 4,29	<18,0
V. Kozmálovce	1.	**2006/0120**	<6,15	139 ± 22	<14,2	<22,5
/Hron-Hať/	2.	**2006/0702**	<4,51	78,7 ± 13,8	17,1 ± 3,8	<16,3
	3.	**2006/1259**	<4,87	149 ± 17	12,1 ± 3,9	<16,1
	4.	**2006/1708**	<4,51	140 ± 17	13,1 ± 4,0	<16,8
V. Kozmálovce	1.	**2006/0123**	<5,77	235 ± 25	<13,8	<20,3
/Hron-pod výpustným c	2.	**2006/0705**	<4,54	89,5 ± 13,8	30,4 ± 4,6	<17,0
	3.	**2006/1262**	<4,88	178 ± 20	11,0 ± 4,0	<16,7
	4.	**2006/1711**	<4,97	240 ± 21	14,8 ± 4,0	<17,4

Table 270 Volume activity in surface waters, 2006

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Kalná n/Hronom	1.	**2007/0134**	<5,00	106 ± 16	16,9 ± 4,4	<16,1
/Hron/	2.	**2007/0807**	3,26 ± 0,61	64,1 ± 17,4	25,5 ± 4,3	<18,7
	3.	**2007/1133**	3,48 ± 1,38	179 ± 38	<11,3	<18,1
	4.	**2007/1931**	2,94 ± 1,06	120 ± 37	<11,9	<18,7
Mochovce	1.	**2007/0137**	<5,03	423 ± 29	21,0 ± 4,3	<18,0
/Telinský potok/	2.	**2007/0810**	<5,86	338 ± 21	25,8 ± 4,7	12,8 ± 6,6
	3.	**2007/1115**	4,36 ± 1,51	453 ± 45	<12,1	<19,8
	4.	**2007/1934**	<5,69	378 ± 43	<12,1	<17,9
Tlmače	1.	**2007/0140**	<4,92	122 ± 17	23,0 ± 4,3	<17,2
/Hron/	2.	**2007/0813**	<5,60	108 ± 18	18,8 ± 4,0	<20,2
	3.	**2007/1136**	<5,67	99,4 ± 37,0	<11,2	<19,6
	4.	**2007/1937**	2,82 ± 1,47	111 ± 38	<12,3	<19,4
V. Kozmálovce	1.	**2007/0143**	<4,82	125 ± 17	20,6 ± 4,3	<17,4
/Hron-Hať/	2.	**2007/0816**	<5,77	93,1 ± 18,6	15,3 ± 4,0	<19,9
	3.	**2007/1139**	<5,85	114 ± 38	<11,7	<17,6
	4.	**2007/1940**	2,67 ± 1,21	120 ± 37	<11,8	<18,7
V. Kozmálovce	1.	**2007/0146**	<4,81	182 ± 19	21,0 ± 4,3	<18,1
/Hron-pod výpustným otvorom/	2.	**2007/0819**	<5,57	154 ± 19	19,0 ± 4,4	<19,9
	3.	**2007/1142**	4,41 ± 1,46	339 ± 42	<15,5	<18,9
	4.	**2007/1943**	5,52 ± 1,73	269 ± 40	<11,4	<20,1

Table 271 Volume activity in surface waters, 2007

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Kalná n/Hronom	1.	**2008/0313**	<5,91	115 ± 83	<11,7	<21,1
/Hron/	2.	**2008/0827**	<6,01	82,7 ± 28,6	<13,6	<19,6
	3.	**2008/1268**	<5,91	92,8 ± 33,3	<13,7	<20,9
	4.	**2008/1845**	<6,16	137 ± 36	20,8 ± 17,8	<22,1
Mochovce	1.	**2008/0153**	3,03 ± 2,44	390 ± 92	<12,4	<20,8
/Telinský potok/	2.	**2008/0830**	<5,86	250 ± 45	<13,8	<21,0
	3.	**2008/1224**	<6,08	357 ± 56	<15,8	<20,5
	4.	**2008/1857**	<5,82	323 ± 51	<13,5	<21,1
Tlmače	1.	**2008/0316**	<5,92	71,8 ± 80,9	<15,7	<19,6
/Hron/	2.	**2008/0833**	<5,76	90,4 ± 31,3	<14,0	<20,5
	3.	**2008/1271**	<5,98	106 ± 33	<13,8	<21,5
	4.	**2008/1848**	<6,15	131 ± 35	<18,9	<22,6
V. Kozmálovce	1.	**2008/0319**	3,84 ± 3,11	106 ± 81	<11,9	<20,9
/Hron-Hať/	2.	**2008/0836**	<5,85	112 ± 31	<16,6	<20,7
	3.	**2008/1274**	<5,88	111 ± 51	<13,8	<21,7
	4.	**2008/1851**	<6,31	133 ± 37	30,6 ± 16,2	<23,0
V. Kozmálovce	1.	**2008/0322**	<5,47	66,4 ± 75,9	25,4 ± 11,6	<19,6
/Hron-pod výpustným otvorom/	2.	**2008/0839**	<6,00	135 ± 35	30,1 ± 13,6	<21,0
	3.	**2008/1277**	<5,90	205 ± 42	<14,3	<19,6
	4.	**2008/1854**	<6,15	310 ± 54	<14,7	<22,0

Table 272 Volume activity in surface waters, 2008

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Levice /Podlužianka/	2005/168	7 ± 1	2005/736	13 ± 2	2005/1533	11 ± 1	2005/1958	6 ± 1
V.Kozmálovce /ČS-Perec/	2005/171	10 ± 1	2005/740	7 ± 1	2005/1536	12 ± 1	2005/1961	9 ± 1
Kalná n/Hronom /Hron/	2005/149	9 ± 1	2005/890	13 ± 2	2005/1360	11 ± 1	2005/2009	12 ± 2
Mochovce /Telinský potok/	2005/137	18 ± 2	2005/744	13 ± 2	2005/1363	16 ± 2	2005/2012	19 ± 2
Nemčiňany /rybník/	2005/299	14 ± 2	2005/893	40 ± 3	2005/1539	12 ± 2	2005/1968	15 ± 2
Tlmače /Hron/	2005/284	8 ± 1	2005/896	12 ± 1	2005/1351	6 ± 1	2005/2015	23 ± 2
V.Kozmálovce /Hron -Hať/	2005/140	10 ± 1	2005/899	13 ± 2	2005/1354	16 ± 2	2005/2018	12 ± 2
V.Kozm ./Hron-výp. otvor/	2005/143	9 ± 1	2005/902	7 ± 1	2005/1357	18 ± 2	2005/2021	16 ± 2

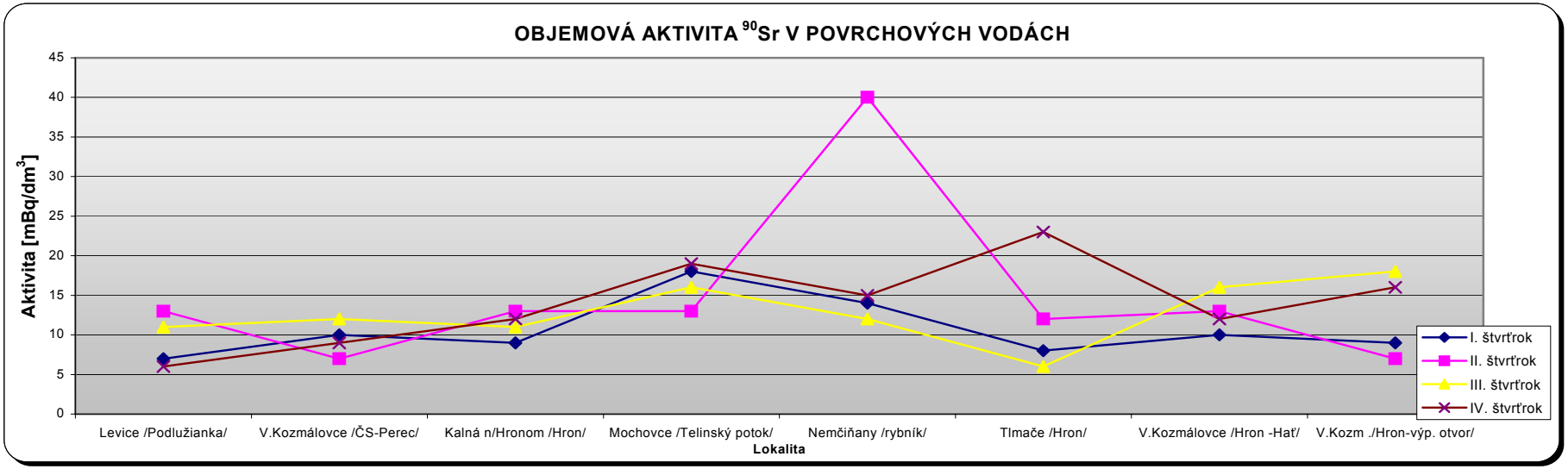


Table 273 ^{90}Sr volume activity in surface waters, 2005

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Kalná n/Hronom /Hron/	2006/115	19 ± 2	2006/694	10 ± 1	2006/1253	13 ± 2	2006/1703	9 ± 1
Mochovce /Telinský potok/	2006/118	11 ± 2	2006/697	7 ± 1	2006/1288	9 ± 1	2006/1732	7 ± 1
Tlmače /Hron/	2006/312	4 ± 1	2006/700	10 ± 1	2006/1256	9 ± 1	2006/1706	15 ± 2
V.Kozmálovce /Hron -Hať/	2006/121	19 ± 2	2006/703	8 ± 1	2006/1259	9 ± 1	2006/1709	9 ± 1
V.Kozm ./Hron-výp. otvor/	2006/124	20 ± 2	2006/706	11 ± 2	2006/1262	9 ± 1	2006/1712	9 ± 1
Čiféře /rybník/	2006/407	14 ± 2	2006/668	17 ± 2	2006/1291	21 ± 2	2006/1691	15 ± 2

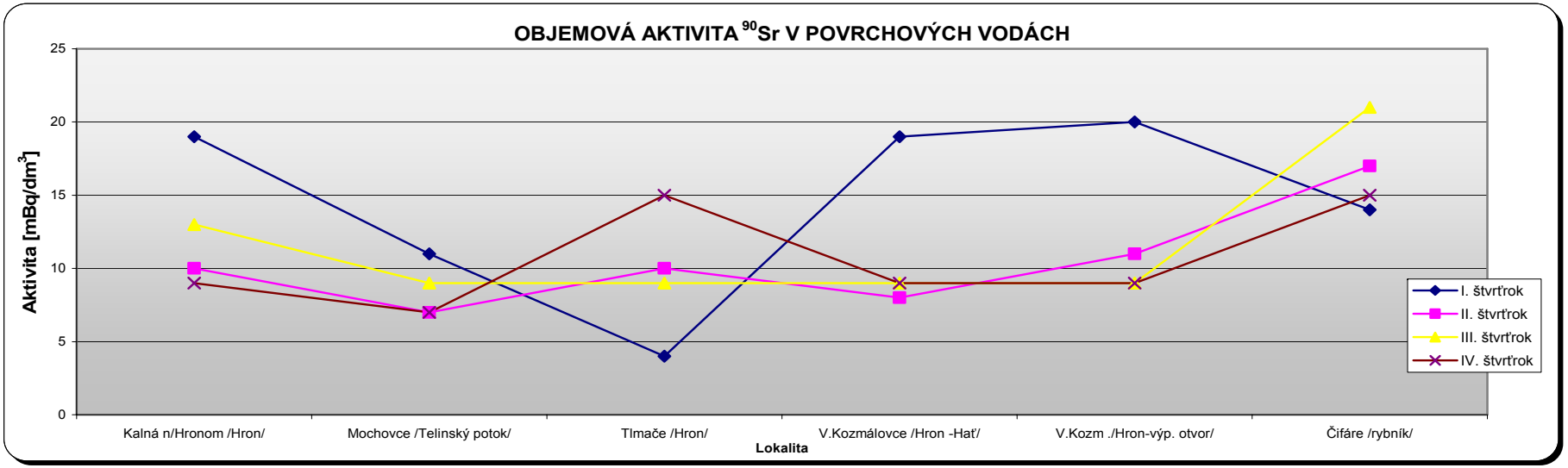


Table 274 ^{90}Sr volume activity in surface waters, 2006

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Kalná n/Hronom /Hron/	2007/134	10 ± 1	2007/808	20 ± 2	2007/1134	15 ± 2	2007/1932	9 ± 1
Mochovce /Telinský potok/	2007/137	9 ± 1	2007/811	26 ± 2	2007/1116	12 ± 2	2007/1935	13 ± 2
Tlmače /Hron/	2007/140	9 ± 1	2007/814	12 ± 1	2007/1137	7 ± 1	2007/1938	9 ± 1
V.Kozmálovce /Hron -Hať/	2007/143	22 ± 2	2007/817	16 ± 2	2007/1140	9 ± 1	2007/1941	8 ± 1
V.Kozm ./Hron-výp. otvor/	2007/146	17 ± 2	2007/820	<6	2007/1143	7 ± 1	2007/1944	8 ± 1
Čiffáre /rybník/	2007/149	10 ± 1	2007/722	11 ± 2	2007/1146	6 ± 1	2007/1923	12 ± 2

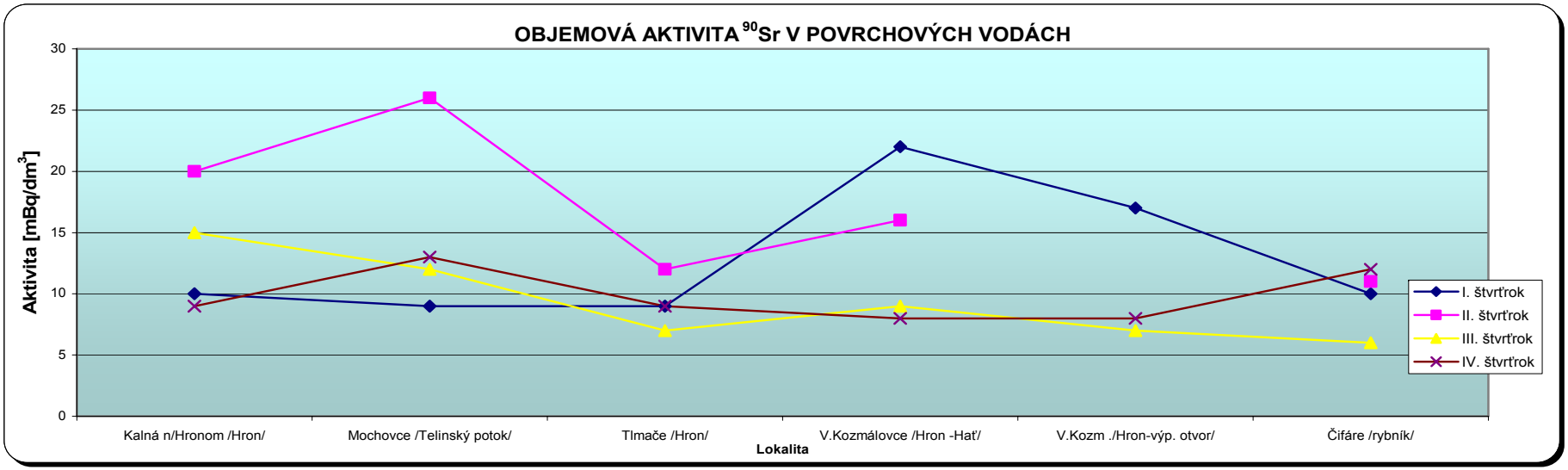


Table 275 90Sr volume activity in surface waters, 2007

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Kalná n/Hronom /Hron/	2008/314	12 ± 2	2008/828	10 ± 2	2008/1269	7 ± 2	2008/1846	<6
Mochovce /Telinský potok/	2008/154	<6	2008/831	11 ± 2	2008/1225	11 ± 2	2008/1858	14 ± 3
Tlmače /Hron/	2008/317	13 ± 3	2008/834	11 ± 2	2008/1272	12 ± 2	2008/1849	9 ± 2
V.Kozmálovce /Hron -Hať/	2008/320	12 ± 2	2008/837	10 ± 2	2008/1275	8 ± 2	2008/1852	15 ± 3
V.Kozm ./Hron-výp. otvor/	2008/323	13 ± 3	2008/840	<6	2008/1278	10 ± 2	2008/1855	9 ± 2
Čifáre /rybník/	2008/157	11 ± 2	2008/878	14 ± 3	2008/1228	8 ± 2	2008/1861	14 ± 3

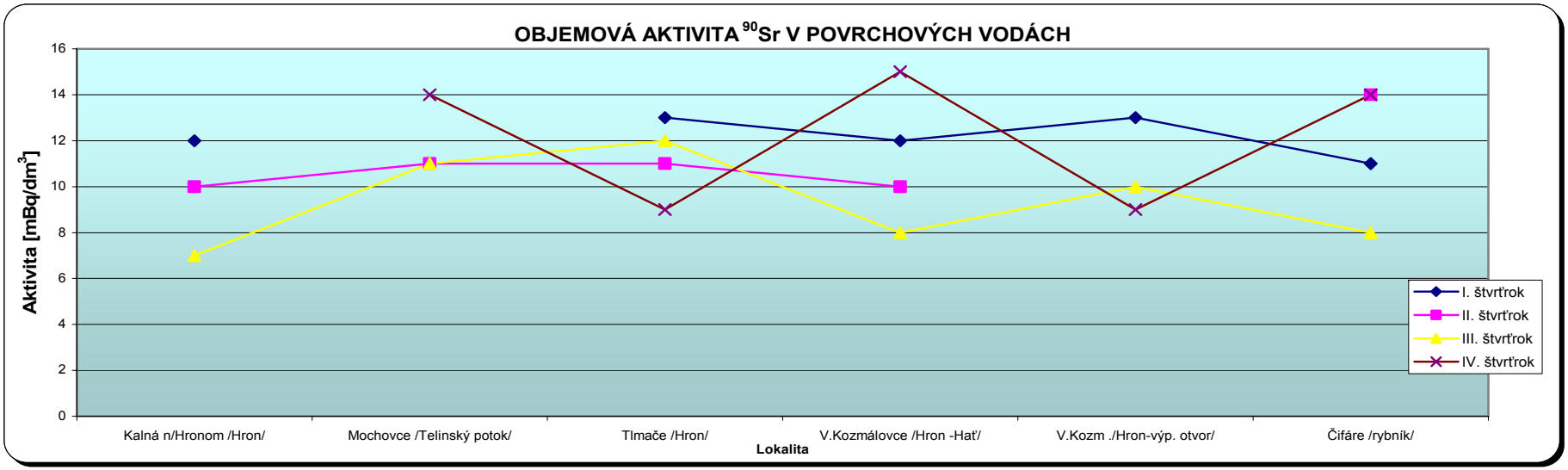


Table 276 90Sr volume activity in surface waters, 2008

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
Levice /Podlužianka/	2005/169	2,9 ± 0,4	2005/737	1,0 ± 0,1	2005/1534	2,1 ± 0,3	2005/1959	1,0 ± 0,1
V.Kozmálovce /ČS-Perec/	2005/172	2,7 ± 0,4	2005/741	1,0 ± 0,1	2005/1537	1,0 ± 0,1	2005/1962	1,0 ± 0,1
Kalná n/Hronom /Hron/	2005/150	3,6 ± 0,5	2005/891	3,0 ± 0,4	2005/1361	1,0 ± 0,1	2005/2010	1,0 ± 0,1
Mochovce /Telinský potok/	2005/138	1,1 ± 0,1	2005/745	1,0 ± 0,1	2005/1364	1,0 ± 0,1	2005/2013	1,0 ± 0,1
Nemčiňany /rybník/	2005/300	1,0 ± 0,1	2005/894	2,0 ± 0,3	2005/1540	1,0 ± 0,1	2005/1969	1,0 ± 0,1
Tlmače /Hron/	2005/285	5,0 ± 0,7	2005/897	2,0 ± 0,3	2005/1352	1,0 ± 0,1	2005/2016	1,0 ± 0,1
V.Kozmálovce /Hron -Hať/	2005/141	1,0 ± 0,1	2005/900	2,0 ± 0,3	2005/1355	1,0 ± 0,1	2005/2019	1,0 ± 0,1
V.Kozm ./Hron-výp. otvor/	2005/144	1,0 ± 0,1	2005/903	1,0 ± 0,1	2005/1358	1,0 ± 0,1	2005/2022	1,0 ± 0,1

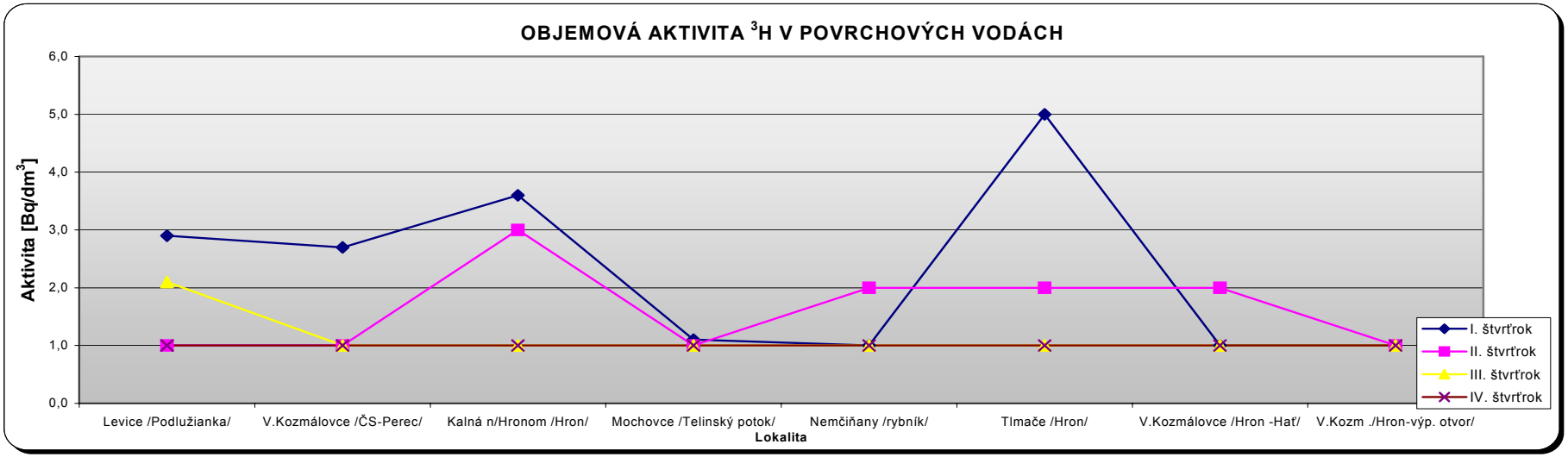


Table 277 ^{3}H volume activity in surface waters, 2005

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
Kalná n/Hronom /Hron/	2006/116	1,0 ± 0,1	2006/695	1,0 ± 0,1	2006/1254	1,0 ± 0,1	2006/1704	5,7 ± 0,8
Mochovce /Telinský potok/	2006/119	1,0 ± 0,1	2006/698	3,1 ± 0,4	2006/1289	1,0 ± 0,1	2006/1733	2,8 ± 0,4
Tlmače /Hron/	2006/313	1,0 ± 0,1	2006/701	1,0 ± 0,1	2006/1257	1,0 ± 0,1	2006/1707	4,3 ± 0,6
V.Kozmálovce /Hron -Hať/	2006/122	1,0 ± 0,1	2006/704	1,0 ± 0,1	2006/1260	1,0 ± 0,1	2006/1710	2,0 ± 0,3
V.Kozm ./Hron-výp. otvor/	2006/125	1,5 ± 0,2	2006/707	1,0 ± 0,1	2006/1263	1,0 ± 0,1	2006/1713	1,4 ± 0,2
Čifáre /rybník/	2006/408	1,2 ± 0,2	2006/669	1,0 ± 0,1	2006/1292	1,0 ± 0,1	2006/1692	1,3 ± 0,2

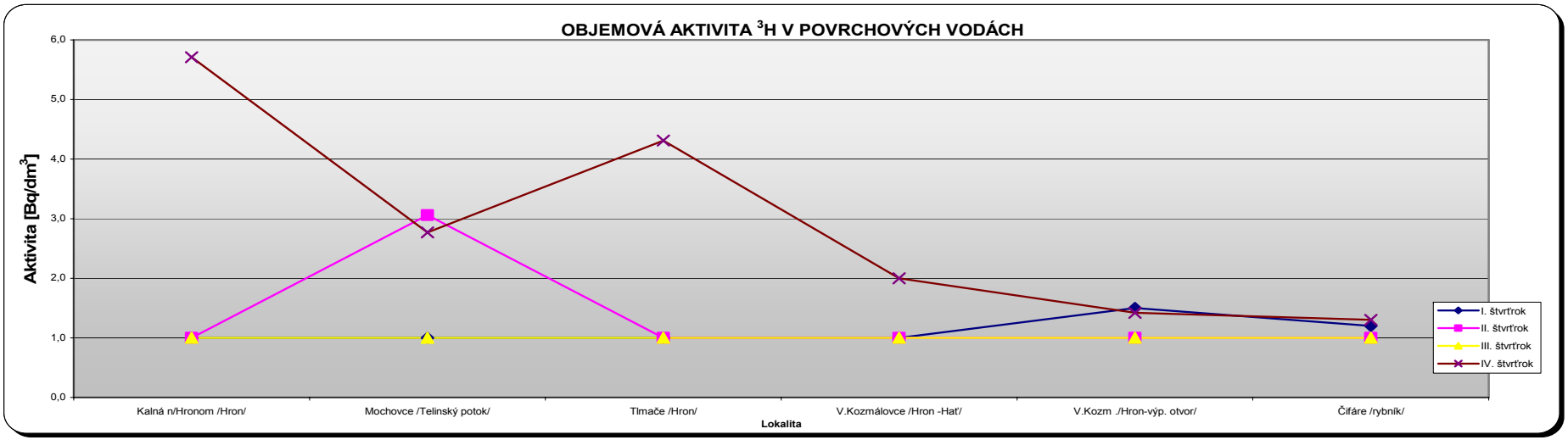


Table 278 ^{3}H volume activity in surface waters, 2006

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
Kalná n/Hronom /Hron/	2007/135	4,8 ± 0,7	2007/809	1,1 ± 0,2	2007/1135	6,3 ± 0,9	2007/1933	5,2 ± 0,7
Mochovce /Telinský potok/	2007/138	2,0 ± 0,3	2007/812	4,7 ± 0,6	2007/1117	<1	2007/1936	3,0 ± 0,4
Tlmače /Hron/	2007/141	4,8 ± 0,7	2007/815	5,5 ± 0,7	2007/1138	<1	2007/1939	1,6 ± 0,2
V.Kozmálovce /Hron -Hať/	2007/144	4,9 ± 0,7	2007/818	<1	2007/1141	<1	2007/1942	2,2 ± 0,3
V.Kozm ./Hron-výp. otvor/	2007/147	3,0 ± 0,4	2007/821	<1	2007/1144	<1	2007/1945	<1
Čifáre /rybník/	2007/150	1,1 ± 0,2	2007/723	2,4 ± 0,3	2007/1147	<1	2007/1924	<1

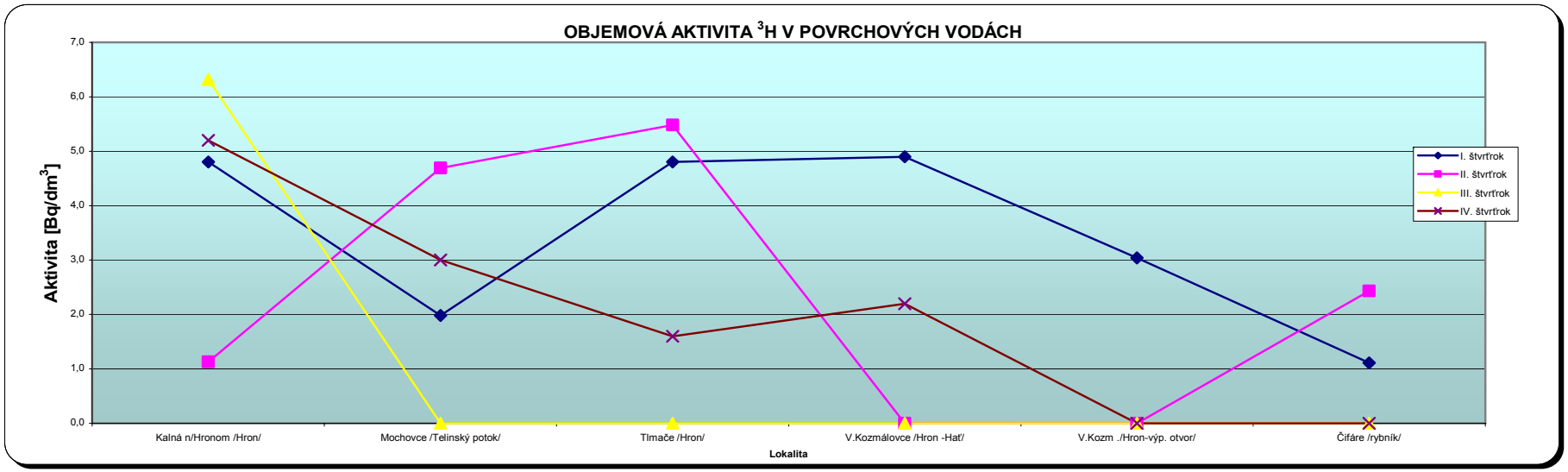


Table 279 3H volume activity in surface waters, 2007

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
Kalná n/Hronom /Hron/	2008/315	4,9 ± 0,5	2008/829	6,2 ± 0,7	2008/1270	8,1 ± 0,9	2008/1847	1,6 ± 0,2
Mochovce /Telinský potok/	2008/155	5,9 ± 0,6	2008/832	6,0 ± 0,7	2008/1226	1,1 ± 0,1	2008/1858	1,4 ± 0,2
Tlmače /Hron/	2008/318	4,0 ± 0,4	2008/835	4,9 ± 0,5	2008/1273	1,1 ± 0,1	2008/1850	3,5 ± 0,4
V.Kozmálovce /Hron -Hať/	2008/321	4,7 ± 0,5	2008/838	3,7 ± 0,4	2008/1276	1,3 ± 0,1	2008/1853	<1
V.Kozm ./Hron-výp. otvor/	2008/324	3,0 ± 0,3	2008/841	1,3 ± 0,1	2008/1279	1,5 ± 0,2	2008/1856	<1
Čifáre /rybník/	2008/158	3,0 ± 0,3	2008/879	3,0 ± 0,3	2008/1229	1,9 ± 0,2	2008/1862	<1

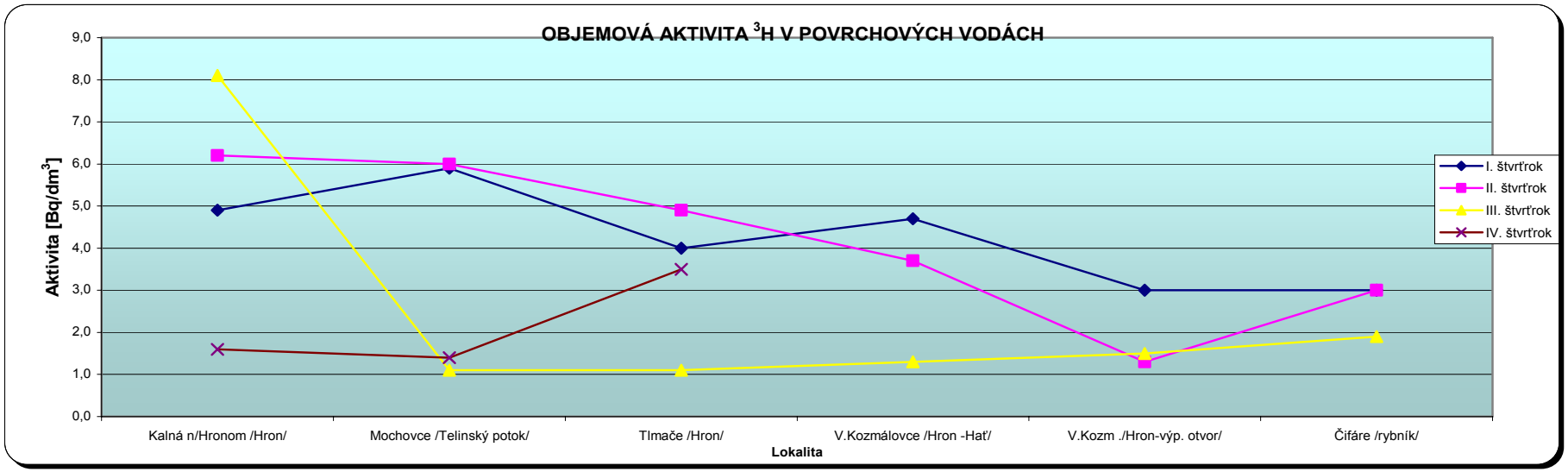


Table 280 3H volume activity in surface waters, 2008

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2005/388	<4	2005/1018	<4	2005/1541	<4	2005/2150	<4
Kalná n/Hronom Hron	2005/389	4 ± 1	2005/1019	<4	2005/1542	<4	2005/2149	<4

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2005/388	66 ± 16	2005/1018	37 ± 9	2005/1541	61 ± 15	2005/2150	86 ± 21
Kalná n/Hronom Hron	2005/389	58 ± 14	2005/1019	45 ± 11	2005/1542	63 ± 15	2005/2149	82 ± 20

Table 281 Gross alpha and beta volume activities in surface waters, 2005

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2006/404	<4	2006/926	<4	2006/1498	<4	2006/2050	5 ± 1
Kalná n/Hronom Hron	2006/405	<4	2006/925	<4	2006/1497	<4	2006/2049	<4

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2006/404	67 ± 18	2006/926	41 ± 11	2006/1498	67 ± 17	2006/2050	95 ± 20
Kalná n/Hronom Hron	2006/405	58 ± 16	2006/925	40 ± 11	2006/1497	67 ± 17	2006/2049	111 ± 24

Table 282 Gross alpha and beta volume activities in surface waters, 2006

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2007/420	<4	2007/903	<4	2007/1434	<4	2007/1977	<4
Kalná n/Hronom Hron	2007/421	<4	2007/902	4 ± 1	2007/1433	<4	2007/1976	5 ± 1

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2007/420	62 ± 13	2007/903	52 ± 14	2007/1434	71 ± 18	2007/1977	74 ± 17
Kalná n/Hronom Hron	2007/421	55 ± 12	2007/902	54 ± 13	2007/1433	74 ± 18	2007/1976	68 ± 16

Table 283. Gross alpha and beta volume activities in surface waters, 2007

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita alfa

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2008/426	<50	2008/977	<50	2008/1530	<50	2008/2090	<50
Kalná n/Hronom Hron	2008/425	<50	2008/976	<50	2008/1529	<50	2008/2089	<50

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
celková aktivita beta

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
Tlmače Hron	2008/426	55 ± 4	2008/977	45 ± 3	2008/1530	70 ± 5	2008/2090	66 ± 5
Kalná n/Hronom Hron	2008/425	61 ± 5	2008/976	42 ± 3	2008/1529	71 ± 5	2008/2089	60 ± 5

Table 284. Gross alpha and beta volume activities in surface waters, 2008

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Malé Kozmálovce*	1.	2005/0286	<5,56	<5,25	241 ± 24	<12,2	<19,0
	2.	2005/0709	<5,07	<4,97	230 ± 21	<11,1	<16,4
	3.	2005/1217	<5,38	<5,22	227 ± 22	<12,1	<18,4
	4.	2005/1792	<5,52	<5,27	266 ± 25	<14,4	<18,6
Starý Tekov*	1.	2005/0173	<5,56	<5,25	241 ± 24	<12,2	<19,0
	2.	2005/0712	<5,07	<4,97	230 ± 21	<11,1	<16,4
	3.	2005/1220	<5,38	<5,22	227 ± 22	<12,1	<18,4
	4.	2005/1795	<5,52	<5,27	266 ± 25	<14,4	<18,6
Nový Tekov*	1.	2005/0316	<5,56	<5,25	241 ± 24	<12,2	<19,0
	2.	2005/0731	<5,07	<4,97	230 ± 21	<11,1	<16,4
	3.	2005/1213	<5,38	<5,22	227 ± 22	<12,1	<18,4
	4.	2005/1798	<5,52	<5,27	266 ± 25	<14,4	<18,6
Kalná n/Hr.*	1.	2005/0364	<5,56	<5,25	241 ± 24	<12,2	<19,0
	2.	2005/0718	<5,07	<4,97	230 ± 21	<11,1	<16,4
	3.	2005/1230	<5,38	<5,22	227 ± 22	<12,1	<18,4
	4.	2005/1801	<5,52	<5,27	266 ± 25	<14,4	<18,6
Červený Hrádok*	1.	2005/0145	<5,56	<5,25	241 ± 24	<12,2	<19,0
	2.	2005/0715	<5,07	<4,97	230 ± 21	<11,1	<16,4
	3.	2005/1223	<5,38	<5,22	227 ± 22	<12,1	<18,4
	4.	2005/1828	<5,52	<5,27	266 ± 25	<14,4	<18,6

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatych vzoriek, zmiešaných v rovnakom objemovom pomere

Table 285 Volume activity in drinking waters, 2005

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Malé Kozmálovce*	1.	2006/0159	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0672	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1269	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1696	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Starý Tekov*	1.	2006/0162	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0675	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1265	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1699	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Nový Tekov*	1.	2006/0314	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0656	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1184	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1595	<3,81	361 ± 24	11,8 ± 3,3	<13,6
Kalná n/Hr.*	1.	2006/0386	<4,81	339 ± 26	<11,3	<16,0
	2.	2006/0638	<3,98	307 ± 24	21,1 ± 3,9	<14,5
	3.	2006/1187	<3,95	208 ± 17	26,6 ± 3,9	<13,4
	4.	2006/1598	<3,81	361 ± 24	11,8 ± 3,3	<13,6

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatych vzoriek, zmiešaných v rovnakom objemovom pomere

Table 286 Volume activity in drinking waters, 2006

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Malé Kozmálovce*	1.	2007/0343	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0760	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1103	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1523	<4,13	463 ± 36	<8,27	<14,7
Starý Tekov*	1.	2007/0346	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0763	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1106	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1526	<4,13	463 ± 36	<8,27	<14,7
Nový Tekov*	1.	2007/0349	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0766	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1109	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1529	<4,13	463 ± 36	<8,27	<14,7
Kalná n/Hr.*	1.	2007/0352	<4,19	465 ± 37	<7,39	<13,5
	2.	2007/0769	2,18 ± 0,35	414 ± 35	18,9 ± 3,1	<13,9
	3.	2007/1112	1,56 ± 0,74	434 ± 35	<8,14	<12,9
	4.	2007/1532	<4,13	463 ± 36	<8,27	<14,7

Poznámka: * - v tabuľke sú uvedené priemerné hodnoty aktivity všetkých piatych vzoriek, zmiešaných v rovnakom objemovom pomere

Table 287 Volume activity in drinking waters, 2007

OBJEMOVÁ AKTIVITA V PITNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Malé Kozmálovce	1.	2008/0380	4,57 ± 2,72	1100 ± 130	<12,7	<25,4
	2.	2008/0813	3,76 ± 2,83	870 ± 114	<14,2	<20,9
	3.	2008/1252	<6,33	1100 ± 100	<14,7	<20,4
	4.	2008/1730	<6,62	1170 ± 110	<15,6	<23,0
Starý Tekov	1.	2008/0383	3,06 ± 2,52	65,9 ± 80,4	<11,6	<19,7
	2.	2008/0816	4,83 ± 2,83	<88,4	<12,1	<19,7
	3.	2008/1255	<6,19	87,2 ± 29,7	27,4 ± 14,0	<21,1
	4.	2008/1733	<6,27	107 ± 35	<18,8	<21,2
Nový Tekov	1.	2008/0386	3,63 ± 2,67	354 ± 92	<12,7	<21,2
	2.	2008/0820	3,31 ± 2,82	265 ± 88	<11,9	<20,2
	3.	2008/1258	<6,34	378 ± 58	29,3 ± 14,0	<21,6
	4.	2008/1769	<6,09	312 ± 54	<14,1	<21,8
Kalná n/Hr.	1.	2008/0389	<5,91	<86,3	<11,8	<20,7
	2.	2008/0823	3,36 ± 2,73	<83,4	<14,1	<20,7
	3.	2008/1261	<6,08	83,3 ± 30,2	<13,7	<21,0
	4.	2008/1930	<6,28	101 ± 32	<15,4	<23,3

Table 288 Volume activity in drinking waters, 2008

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
M.Kozmálovce č.d. 116	2005/287	8 ± 1	2005/710	7 ± 1	2005/1218	19 ± 2	2005/1793	6 ± 1
Starý Tekov	2005/174	7 ± 1	2005/713	10 ± 1	2005/1221	14 ± 2	2005/1796	11 ± 1
Nový Tekov č.d. 298	2005/317	10 ± 1	2005/732	7 ± 1	2005/1214	12 ± 2	2005/1799	13 ± 2
Kalná n/Hronom	2005/365	6 ± 1	2005/719	7 ± 1	2005/1231	13 ± 2	2005/1802	8 ± 1
Červený Hrádok	2005/146	8 ± 1	2005/716	8 ± 1	2005/1224	11 ± 2	2005/1829	6 ± 1

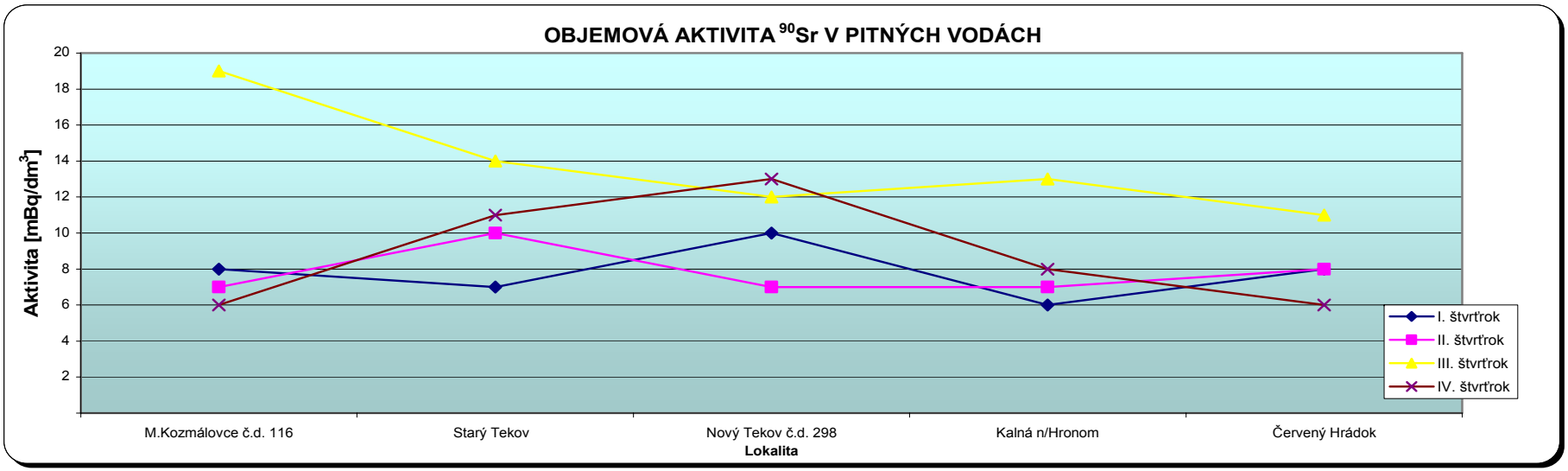


Table 289 ^{90}Sr volume activity in drinking waters, 2005

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
M.Kozmálovce	2006/160	6 ± 1	2006/673	6 ± 1	2006/1269	16 ± 2	2006/1697	15 ± 2
Starý Tekov	2006/163	10 ± 1	2006/676	6 ± 1	2006/1265	10 ± 1	2006/1700	9 ± 1
Nový Tekov	2006/315	6 ± 1	2006/657	9 ± 1	2006/1184	10 ± 1	2006/1596	18 ± 2
Kalná n/Hronom	2006/387	11 ± 1	2006/639	8 ± 1	2006/1187	7 ± 1	2006/1599	12 ± 1

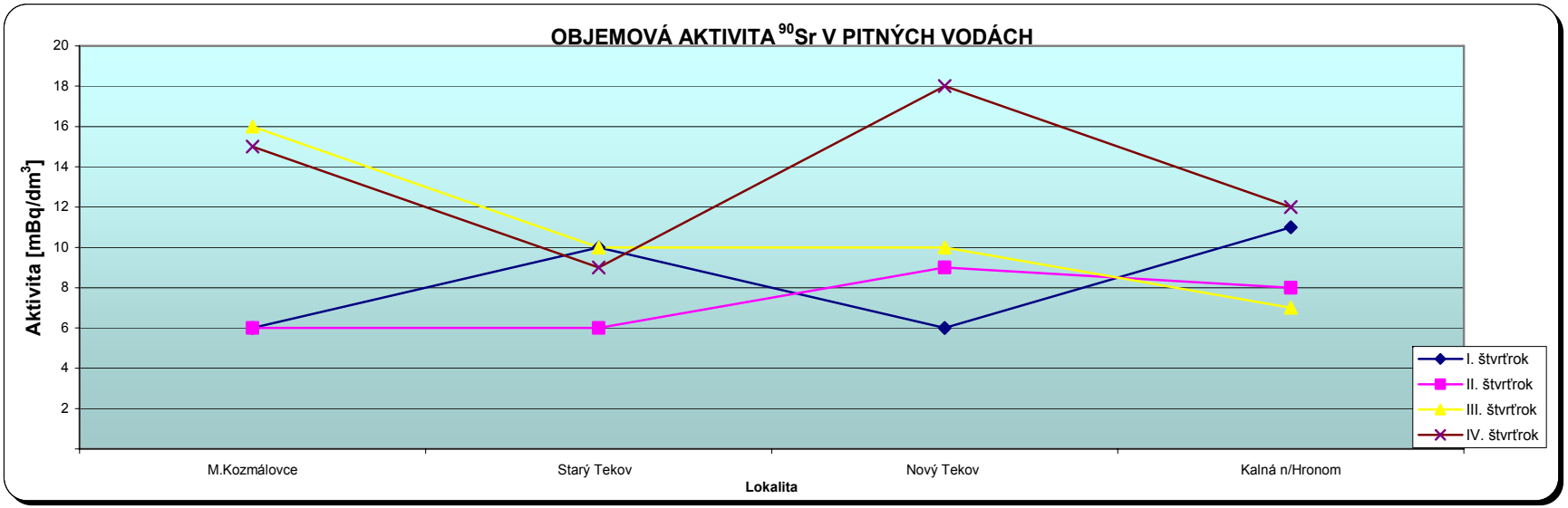


Table 290 ^{90}Sr volume activity in drinking waters, 2006

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
M.Kozmálovce	2007/343	10 ± 1	2007/761	<6	2007/1104	7 ± 1	2007/1524	10 ± 1
Starý Tekov	2007/346	8 ± 1	2007/764	7 ± 1	2007/1107	6 ± 1	2007/1527	9 ± 1
Nový Tekov	2007/349	<6	2007/767	<6	2007/1110	6 ± 1	2007/1530	<6
Kalná n/Hronom	2007/352	<6	2007/770	<6	2007/1113	8 ± 1	2007/1533	9 ± 1

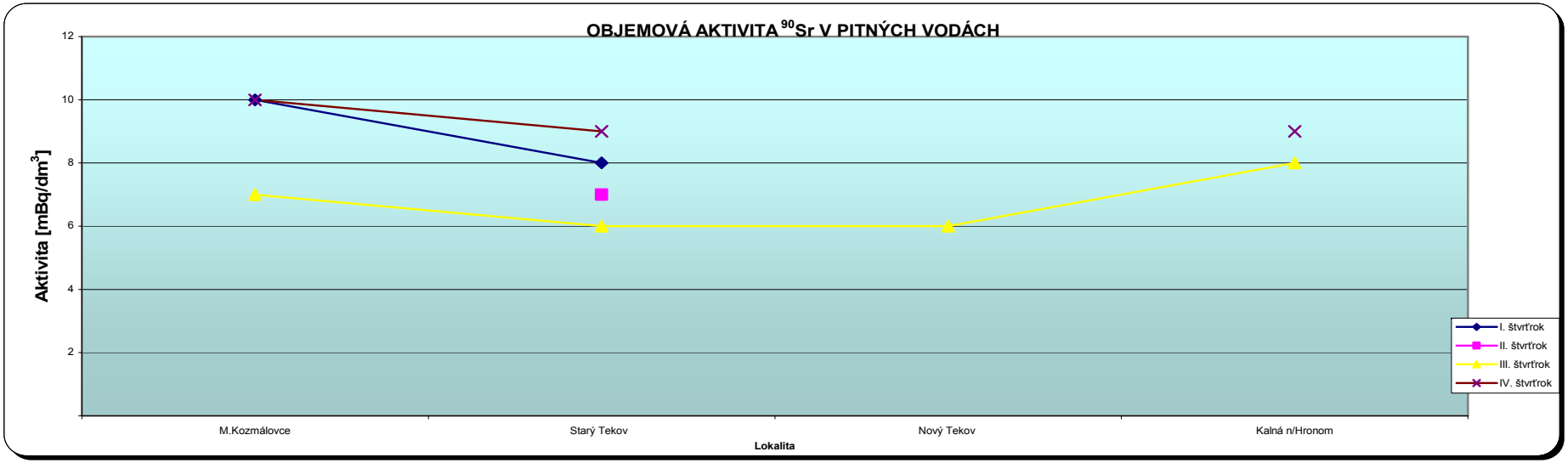


Table 291 ^{90}Sr volume activity in drinking waters, 2007

OBJEMOVÁ AKTIVITA ^{90}Sr V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [mBq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [mBq/dm^3]
M.Kozmálovce	2008/381	10 ± 2	2008/814	<6	2008/1253	7 ± 2	2008/1731	10 ± 2
Starý Tekov	2008/384	13 ± 3	2008/817	10 ± 2	2008/1256	6 ± 1	2008/1734	13 ± 3
Nový Tekov	2008/387	11 ± 2	2008/821	7 ± 2	2008/1259	<6	2008/1770	9 ± 2
Kalná n/Hronom	2008/390	13 ± 2	2008/824	<6	2008/1262	7 ± 2	2008/1931	10 ± 2

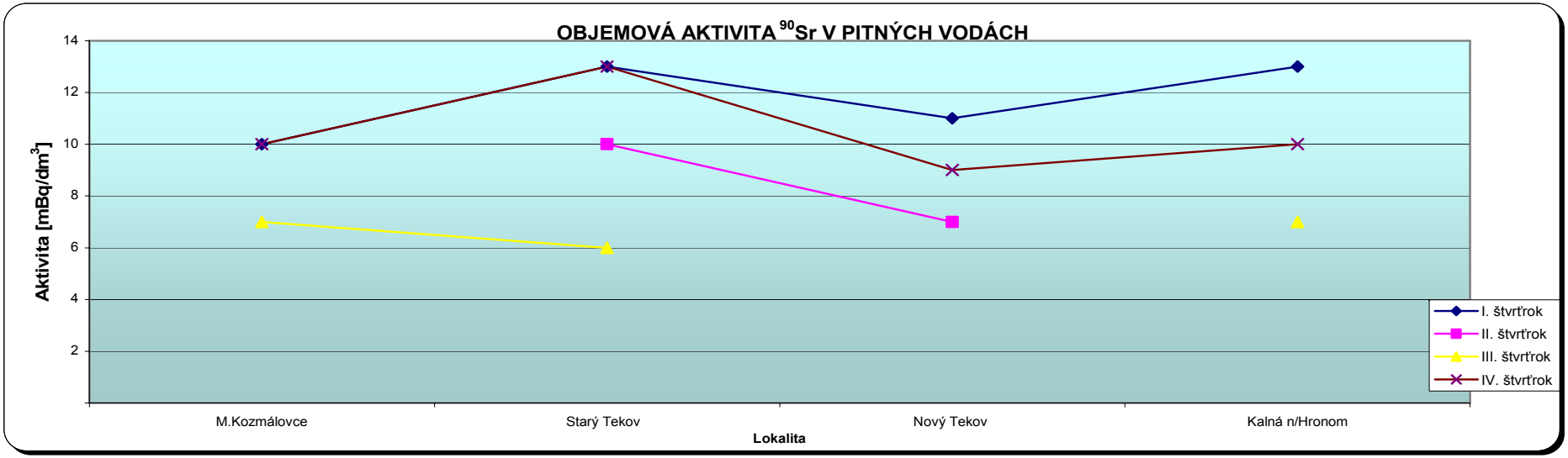


Table 292 ^{90}Sr volume activity in drinking waters, 2008

OBJEMOVÁ AKTIVITA ^{3}H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
M.Kozmálovce č.d. 116	2005/288	1,0 ± 0,1	2005/711	1,0 ± 0,1	2005/1219	1,0 ± 0,1	2005/1794	1,0 ± 0,1
Starý Tekov	2005/175	1,0 ± 0,1	2005/714	1,0 ± 0,1	2005/1222	1,0 ± 0,1	2005/1797	1,0 ± 0,1
Nový Tekov č.d. 298	2005/318	4,2 ± 0,6	2005/733	1,0 ± 0,1	2005/1215	1,0 ± 0,1	2005/1800	1,0 ± 0,1
Kalná n/Hronom	2005/366	5,7 ± 0,8	2005/720	1,0 ± 0,1	2005/1232	1,0 ± 0,1	2005/1803	2,5 ± 0,3
Červený Hrádok	2005/147	1,0 ± 0,1	2005/717	1,0 ± 0,1	2005/1225	1,0 ± 0,1	2005/1830	1,0 ± 0,1

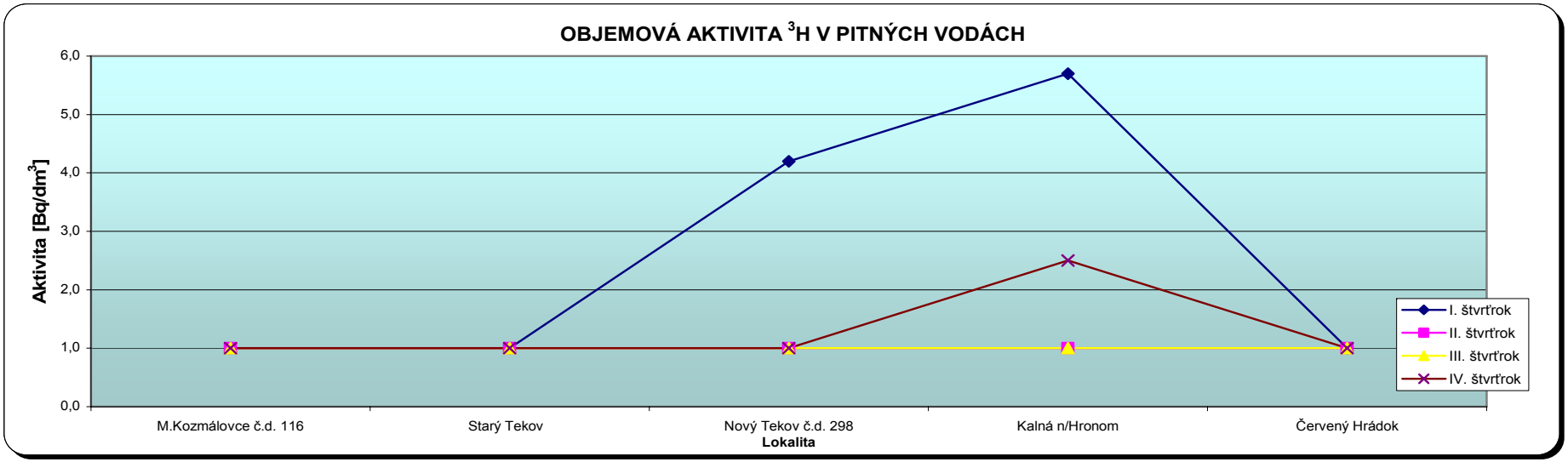


Table 293 ^{3}H volume activity in drinking waters, 2005

OBJEMOVÁ AKTIVITA ^{3}H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
M.Kozmálovce	2006/161	1,0 ± 0,1	2006/674	2,2 ± 0,3	2006/1270	1,0 ± 0,1	2006/1698	4,1 ± 0,6
Starý Tekov	2006/164	1,0 ± 0,1	2006/677	1,0 ± 0,1	2006/1266	1,0 ± 0,1	2006/1701	3,9 ± 0,5
Nový Tekov	2006/316	1,0 ± 0,1	2006/658	2,5 ± 0,3	2006/1185	1,0 ± 0,1	2006/1597	4,6 ± 0,6
Kalná n/Hronom	2006/388	1,0 ± 0,1	2006/640	1,0 ± 0,1	2006/1188	1,0 ± 0,1	2006/1600	5,9 ± 0,8

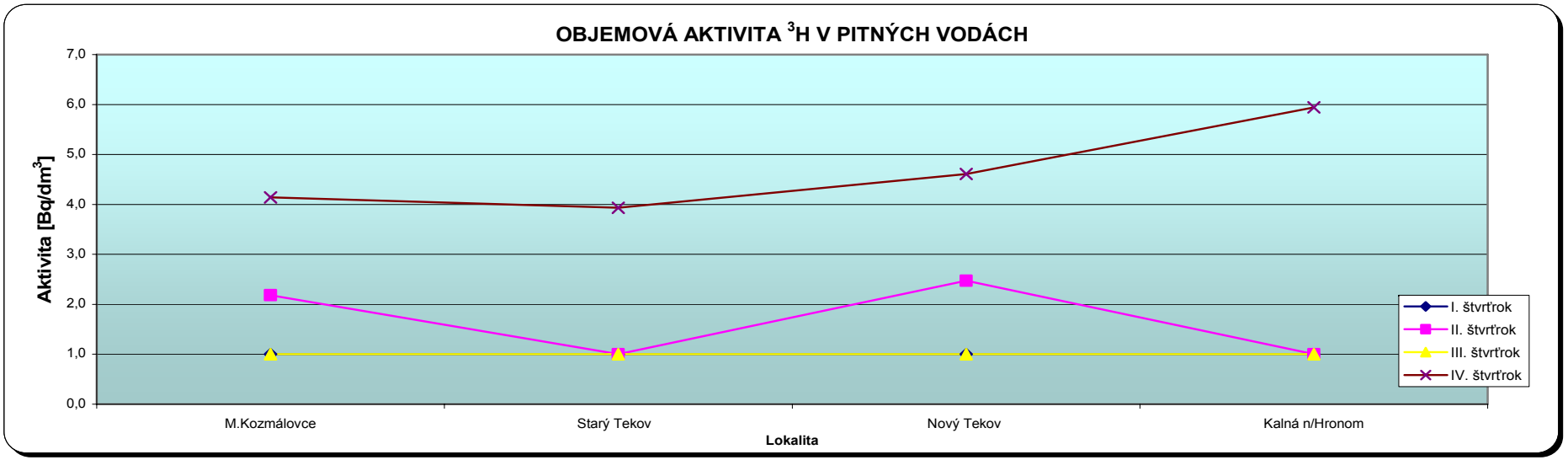


Table 294 ^{3}H volume activity in drinking waters, 2006

OBJEMOVÁ AKTIVITA ^{3}H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
M.Kozmálovce	2007/344	1,2 ± 0,2	2007/762	4,4 ± 0,6	2007/1105	3,5 ± 0,5	2007/1525	1,1 ± 0,1
Starý Tekov	2007/347	5,6 ± 0,8	2007/765	4,6 ± 0,6	2007/1108	<1	2007/1528	<1
Nový Tekov	2007/350	2,1 ± 0,3	2007/768	3,6 ± 0,5	2007/1111	<1	2007/1531	1,7 ± 0,2
Kalná n/Hronom	2007/353	3,5 ± 0,5	2007/771	3,8 ± 0,5	2007/1114	<1	2007/1534	<1

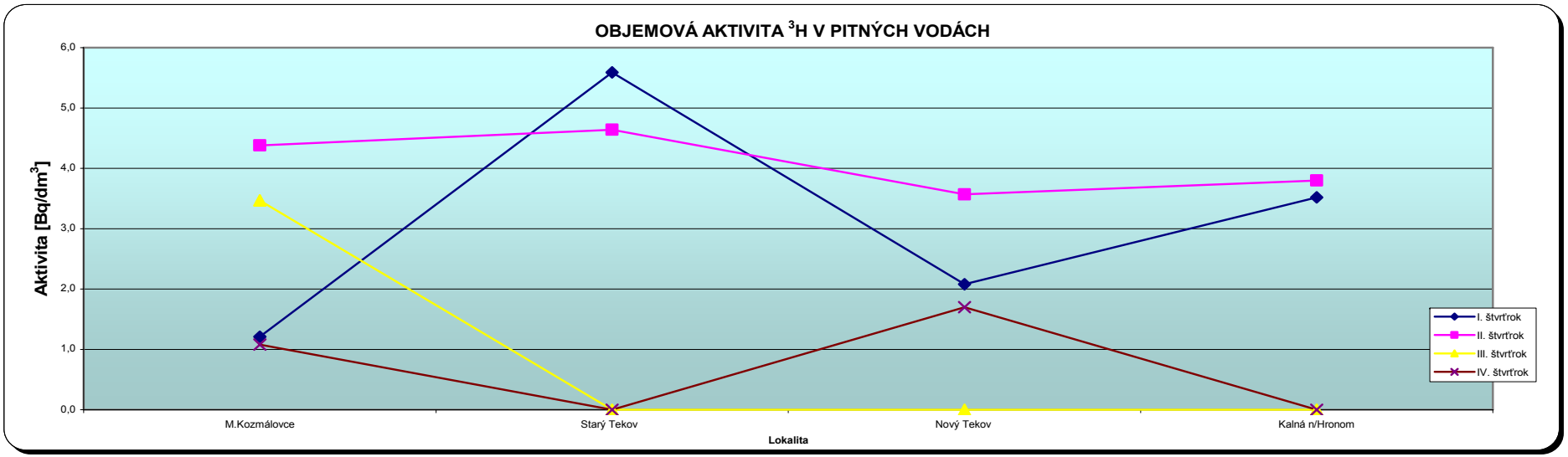


Table 295 ^{90}Sr volume activity in drinking waters, 2007

OBJEMOVÁ AKTIVITA ^{3}H V PITNÝCH VODÁCH

Lokalita	Evidenčné číslo protokolu	I. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	II. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	III. štvrťrok [Bq/dm^3]	Evidenčné číslo protokolu	IV. štvrťrok [Bq/dm^3]
M.Kozmálovce	2008/382	5,5 ± 0,6	2008/815	6,0 ± 0,7	2008/1254	4,5 ± 0,5	2008/1732	<1
Starý Tekov	2008/385	3,5 ± 0,4	2008/819	6,8 ± 0,7	2008/1257	2,2 ± 0,2	2008/1735	<1
Nový Tekov	2008/388	3,6 ± 0,4	2008/822	6,0 ± 0,7	2008/1260	1,8 ± 0,2	2008/1771	<1
Kalná n/Hronom	2008/391	3,1 ± 0,3	2008/825	6,2 ± 0,7	2008/1263	1,8 ± 0,2	2008/1932	<1

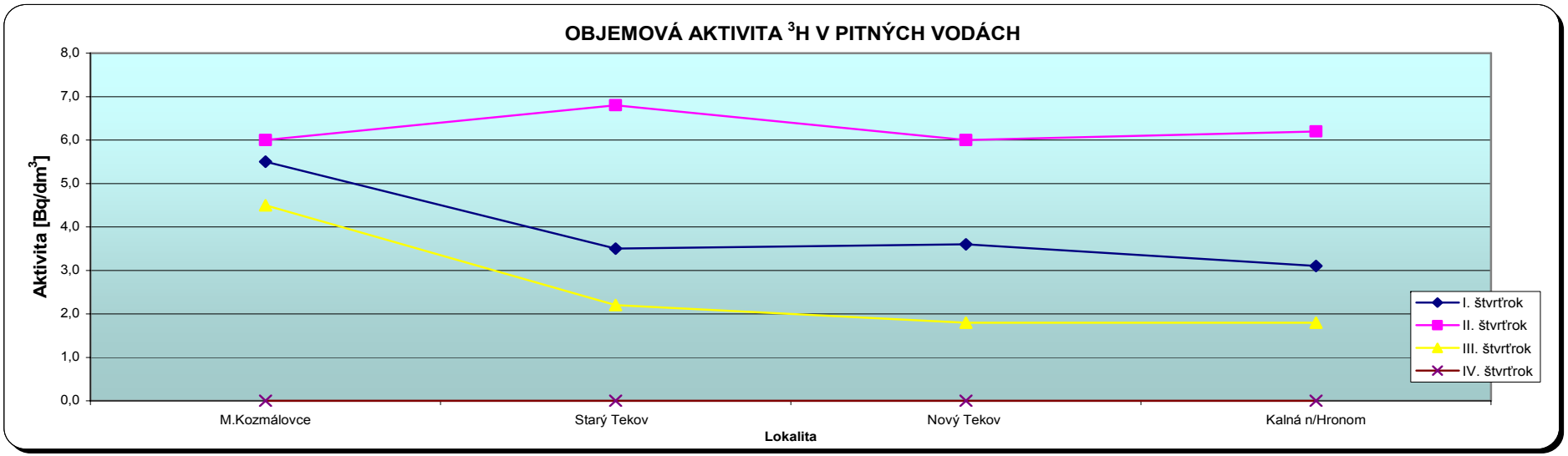


Table 296 ^{90}Sr volume activity in drinking waters, 2008

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
HG - 3*	1.	2005/0649	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1758	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 5*	1.	2005/0652	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1761	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 7*	1.	2005/0655	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1764	<5,80	6,11 ± 1,48	130 ± 18	<15,4	<17,6
HG - 8*	1.	2005/0658	<5,74	<5,92	133 ± 17	<13,0	<19,5
	2.	2005/1767**					

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých štyroch vzoriek, zmiešaných v rovnakom objemovom pomere
** v 2. polroku nebola odobratá vzorka pre nedostupnosť k vrtu HG - 8

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
HG - 3	2005/650	7 ± 1	2005/1759	5 ± 1
HG - 5	2005/653	11 ± 1	2005/1762	10 ± 1
HG - 7	2005/656	7 ± 1	2005/1765	9 ± 1
HG - 8	2005/659	* *	*	* *

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
HG - 3	2005/651	1,2 ± 0,2	2005/1760	1,0 ± 0,1
HG - 5	2005/654	1,0 ± 0,1	2005/1763	1,0 ± 0,1
HG - 7	2005/657	1,5 ± 0,2	2005/1766	1,0 ± 0,1
HG - 8	2005/660	* *	*	* *

Poznámka: * - vzorka nebola odobratá z objektívnych príčin

Table 297 Volume activities in underground waters, 2005

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH
(gamaspektrometria)

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
HG - 3*	1.	2006/0629	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1471	<4,21	153 ± 15	41,9 ± 4,5	<14,8
HG - 5*	1.	2006/0632	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1474	<4,21	153 ± 15	41,9 ± 4,5	<14,8
HG - 7*	1.	2006/0635	<3,86	131 ± 15	16,2 ± 3,4	<14,1
	2.	2006/1477	<4,21	153 ± 15	41,9 ± 4,5	<14,8

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých troch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
HG - 3	2006/630	<4	2006/1472	9 ± 1
HG - 5	2006/633	8 ± 1	2006/1475	6 ± 1
HG - 7	2006/636	5 ± 1	2006/1478	<4

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
HG - 3	2006/631	1,0 ± 0,1	2006/1473	3,7 ± 0,5
HG - 5	2006/634	1,0 ± 0,1	2006/1476	2,4 ± 0,3
HG - 7	2006/637	1,0 ± 0,1	2006/1479	2,0 ± 0,3

Table 298 Volume activities in underground waters, 2006

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH
(gamaspektrometria)

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
HG - 3*	1.	2007/0610	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
	2.	2007/1641	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3
HG - 5*	1.	2007/0613	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
	2.	2007/1644	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3
HG - 7*	1.	2007/0616	3,11 ± 0,55	145 ± 15	24,5 ± 3,9	11,7 ± 4,8
	2.	2007/1647	6,94 ± 1,28	145 ± 24	49,1 ± 5,5	22,7 ± 7,3

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity všetkých troch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
HG - 3	2007/611	<6	2007/1642	<6
HG - 5	2007/614	<6	2007/1645	10 ± 1
HG - 7	2007/617	<6	2007/1648	11 ± 1

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
HG - 3	2007/612	<1	2007/1643	1,4 ± 0,2
HG - 5	2007/615	2,4 ± 0,3	2007/1646	<1
HG - 7	2007/618	1,6 ± 0,2	2007/1649	<1

Table 299 Volume activities in underground waters, 2007

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH
(gamaspektrometria)

Lokalita\Štvrťrok \ Rádionuklid		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
HG - 3	1.	2008/0766	12,1 ± 3,5	145 ± 85	37,7 ± 14,4	65,6 ± 27,6
	2.	2008/1629	13,2 ± 3,2	168 ± 45	<15,5	<18,5
HG - 5	1.	2008/0769	9,32 ± 4,26	72,9 ± 80,9	61,8 ± 14,7	50,1 ± 14,9
	2.	2008/1632	<6,48	128 ± 35	33,1 ± 16,1	30,2 ± 20,4
HG - 7	1.	2008/0772	5,34 ± 3,76	<89,7	<12,4	<21,3
	2.	2008/1635	<6,25	127 ± 36	<14,2	<18,5

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
HG - 3	2008/767	<6	2008/1630	<6
HG - 5	2008/770	7 ± 1	2008/1633	7 ± 2
HG - 7	2008/773	7 ± 2	2008/1636	<6

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
HG - 3	2008/768	2,8 ± 0,3	2008/1631	<1
HG - 5	2008/771	2,1 ± 0,2	2008/1634	<1
HG - 7	2008/774	1,6 ± 0,2	2008/1637	<1

Table 300 Volume activities in underground waters, 2008

OBJEMOVÁ AKTIVITA VO VRTOCH RADIAČNEJ KONTROLY
(lokalita: areál SE-EMO)

Rádionuklid / Lokalita\polrok		Evid. číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
RK - 11*	1.	2005/0616	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1740	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 13*	1.	2005/0619	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1743	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 30*	1.	2005/0622	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1746	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 31*	1.	2005/0625	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1749	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 32*	1.	2004/0628	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1752	<5,37	<5,34	109 ± 18	<13,9	<17,0
RK - 40*	1.	2005/0631	<5,78	<5,63	137 ± 17	<12,7	<19,1
	2.	2005/1755	<5,37	<5,34	109 ± 18	<13,9	<17,0

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
RK - 11	2005/617	4 ± 1	2005/1741	9 ± 1
RK - 13	2005/620	9 ± 1	2005/1744	11 ± 2
RK - 30	2005/623	13 ± 2	2005/1747	7 ± 1
RK - 31	2005/626	6 ± 1	2005/1750	15 ± 2
RK - 32	2005/629	16 ± 2	2005/1753	6 ± 1
RK - 40	2005/632	11 ± 1	2005/1756	4 ± 1

OBJEMOVÁ AKTIVITA ^{3}H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
RK - 11	2005/618	3,2 ± 0,4	2005/1742	1,0 ± 0,1
RK - 13	2005/621	1,7 ± 0,2	2005/1745	1,0 ± 0,1
RK - 30	2005/624	1,0 ± 0,1	2005/1748	1,0 ± 0,1
RK - 31	2005/627	1,0 ± 0,1	2005/1751	1,0 ± 0,1
RK - 32	2005/630	1,0 ± 0,1	2005/1754	1,0 ± 0,1
RK - 40	2005/633	1,0 ± 0,1	2005/1757	1,0 ± 0,1

Table 301 Volume activities in radiation monitoring bore holes, 2005

OBJEMOVÁ AKTIVITA VO VRTOCH RADIAČNEJ KONTROLY
(lokalita: areál SE-EMO)

Rádionuklid / Lokalita\polrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
RK - 11*	1.	2006/0606	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1453	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 13*	1.	2006/0609	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1456	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 30*	1.	2006/0612	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1459	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 31*	1.	2006/0615	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1462	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 32*	1.	2006/0618	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1465	<3,98	140 ± 16	32,5 ± 4,4	<13,1
RK - 40*	1.	2006/0621	<4,21	228 ± 20	21,3 ± 4,2	15,3 ± 4,9
	2.	2006/1468	<3,98	140 ± 16	32,5 ± 4,4	<13,1

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
RK - 11	2006/607	9 ± 1	2006/1454	6 ± 1
RK - 13	2006/610	9 ± 1	2006/1457	6 ± 1
RK - 30	2006/613	9 ± 1	2006/1460	6 ± 1
RK - 31	2006/616	9 ± 1	2006/1463	6 ± 1
RK - 32	2006/619	9 ± 1	2006/1466	6 ± 1
RK - 40	2006/622	9 ± 1	2006/1469	6 ± 1

OBJEMOVÁ AKTIVITA ^{3}H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
RK - 11	2006/608	2,5 ± 0,3	2006/1455	3,2 ± 0,4
RK - 13	2006/611	1,0 ± 0,1	2006/1458	2,5 ± 0,3
RK - 30	2006/614	1,0 ± 0,1	2006/1461	1,0 ± 0,1
RK - 31	2006/617	1,0 ± 0,1	2006/1464	1,0 ± 0,1
RK - 32	2006/620	1,0 ± 0,1	2006/1467	1,0 ± 0,1
RK - 40	2006/623	1,3 ± 0,2	2006/1470	3,8 ± 0,5

Table 302 Volume activities in radiation monitoring bore holes, 2006

OBJEMOVÁ AKTIVITA VO VRTOCH RADIAČNEJ KONTROLY
(lokalita: areál SE-EMO)

Rádionuklid / Lokalita\polrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
RK - 11*	1.	2007/0592	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1605	<4,06	157 ± 26	<9,76	<13,4
RK - 13*	1.	2007/0595	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1608	<4,06	157 ± 26	<9,76	<13,4
RK - 30*	1.	2007/0598	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1611	<4,06	157 ± 26	<9,76	<13,4
RK - 31*	1.	2007/0601	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1614	<4,06	157 ± 26	<9,76	<13,4
RK - 32*	1.	2007/0604	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1617	<4,06	157 ± 26	<9,76	<13,4
RK - 40*	1.	2007/0607	3,05 ± 0,42	114 ± 13	20,9 ± 3,6	11,6 ± 3,8
	2.	2007/1620	<4,06	157 ± 26	<9,76	<13,4

Poznámka: v tabuľke sú uvedené priemerné hodnoty aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
RK - 11	2007/593	6 ± 1	2007/1606	15 ± 2
RK - 13	2007/596	6 ± 1	2007/1609	15 ± 2
RK - 30	2007/599	6 ± 1	2007/1612	15 ± 2
RK - 31	2007/602	6 ± 1	2007/1615	15 ± 2
RK - 32	2007/605	6 ± 1	2007/1618	15 ± 2
RK - 40	2007/608	6 ± 1	2007/1621	15 ± 2

OBJEMOVÁ AKTIVITA ^{3}H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
RK - 11	2007/594	2,0 ± 0,3	2007/1607	3,4 ± 0,5
RK - 13	2007/597	2,1 ± 0,3	2007/1610	2,5 ± 0,3
RK - 30	2007/600	<1	2007/1613	<1
RK - 31	2007/603	1,0 ± 0,1	2007/1616	<1
RK - 32	2007/606	<1	2007/1619	1,0 ± 0,1
RK - 40	2007/609	2,2 ± 0,3	2007/1622	2,6 ± 0,4

Table 303. Volume activities in radiation monitoring bore holes, 2007

OBJEMOVÁ AKTIVITA VO VRTOCH RADIAČNEJ KONTROLY
(lokalita: areál SE-EMO)

Rádionuklid / Lokalita\polrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
RK - 11	1.	2008/0678	<5,86	<84,8	<14,2	<15,6
	2.	2008/1611	<6,20	142 ± 36	<14,4	<21,4
RK - 13	1.	2008/0681	<5,95	<86,5	33,9 ± 13,1	<18,8
	2.	2008/1614	<6,08	32,1 ± 24,7	<13,6	<19,9
RK - 30	1.	2008/0684	4,38 ± 3,00	101 ± 82	<14,1	<18,2
	2.	2008/1617	<5,88	317 ± 49	<13,8	<20,4
RK - 31	1.	2008/0687	2,66 ± 2,74	<89,7	<13,4	<21,2
	2.	2008/1620	<5,99	155 ± 36	<14,8	<22,3
RK - 32	1.	2008/0690	<5,86	<85,8	<11,7	<20,6
	2.	2008/1623	<6,60	127 ± 32	65,0 18,0	<19,7
RK - 40	1.	2008/0693	3,59 ± 2,26	<89,1	<15,3	<20,0
	2.	2008/1626	2,99 ± 2,39	101 ± 55	<14,7	<19,8

OBJEMOVÁ AKTIVITA ^{90}Sr VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [mBq/dm^3]	Evid. číslo protokolu	II. polrok [mBq/dm^3]
RK - 11	2008/679	11 ± 2	2008/1612	<6
RK - 13	2008/682	11 ± 2	2008/1615	<6
RK - 30	2008/685	11 ± 2	2008/1618	<6
RK - 31	2008/688	11 ± 2	2008/1621	<6
RK - 32	2008/691	11 ± 2	2008/1624	<6
RK - 40	2008/694	11 ± 2	2008/1627	<6

OBJEMOVÁ AKTIVITA ^{3}H VO VRTOCH RK

Lokalita	Evid. číslo protokolu	I. polrok [Bq/dm^3]	Evid. číslo protokolu	II. polrok [Bq/dm^3]
RK - 11	2008/680	5,0 ± 0,5	2008/1613	<1
RK - 13	2008/683	4,0 ± 0,4	2008/1616	<1
RK - 30	2008/686	1,1 ± 0,1	2008/1619	<1
RK - 31	2008/689	1,2 ± 0,1	2008/1622	<1
RK - 32	2008/692	1,2 ± 0,1	2008/1625	<1
RK - 40	2008/695	4,8 ± 0,5	2008/1628	<1

Table 304 Volume activities in radiation monitoring bore holes, 2008

OBJEMOVÁ AKTIVITA ^{90}Sr TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
2005/74	50 ± 4	*	* *	2005/1112	53 ± 5	2005/1791	56 ± 4
2005/282	68 ± 5	2005/870	25 ± 2	2005/1435	47 ± 4	2005/2026	58 ± 5
2005/423	64 ± 5	2005/1071	34 ± 3	2005/1544	86 ± 7	2005/2155	56 ± 5

Poznámka: * príslušné vzorky neboli dodané pre neskoré uzatvorenie zmluvy medzi SE a novým dodávateľom mlieka PD Kalná

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Čifáre)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{134}Cs [Bq/dm^3]	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
1	**2005/0034**	<0,062	<0,065	43,2 ± 2,0	<0,13	<0,23
2	**2005/0035**	<0,060	<0,063	46,3 ± 2,1	<0,12	<0,23
3	**2005/0036**	<0,057	<0,061	46,8 ± 2,1	<0,12	<0,22
4	**2005/0073**	<0,065	<0,060	46,6 ± 2,1	0,36 ± 0,06	<0,21
5	**2005/0182**	<0,066	<0,066	45,8 ± 2,1	0,19 ± 0,05	<0,24
6	**2005/0183**	<0,068	<0,067	43,8 ± 2,0	<0,13	<0,25
7	**2005/0249**	<0,062	<0,066	48,9 ± 2,2	<0,13	<0,24
8	**2005/0250**	<0,063	<0,061	42,5 ± 1,9	0,34 ± 0,06	<0,22
9	**2005/0281**	<0,073	<0,068	45,5 ± 2,1	<0,15	<0,25
10	**2005/0343**	<0,069	<0,068	49,1 ± 2,2	<0,15	<0,24
11	**2005/0344**	<0,063	<0,065	48,3 ± 2,2	<0,13	<0,24
12	**2005/0390**	<0,063	<0,070	48,2 ± 2,2	<0,13	<0,24
13	**2005/0391**	<0,062	<0,063	49,5 ± 2,2	<0,13	<0,22

Table 305 Liquid milk volume activity, 2005

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{134}Cs [Bq/dm^3]	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
14	2005/0546*					
15	2005/0547*					
16	2005/0548*					
17	2005/0676*					
18	2005/0678	<0,055	<0,055	46,8 ± 2,1	<0,11	<0,20
19	2005/0679	<0,061	<0,062	48,2 ± 2,2	<0,13	<0,23
20	2005/0734	<0,053	0,016 ± 0,011	45,6 ± 2,0	<0,11	<0,20
21	2005/0767	<0,063	<0,060	48,3 ± 2,2	<0,13	<0,22
22	2005/0871	<0,063	<0,064	48,1 ± 2,2	<0,13	<0,22
23	2005/0873	<0,060	<0,062	50,0 ± 2,3	<0,12	<0,23
24	2005/1020	<0,059	<0,065	47,1 ± 2,1	<0,12	<0,22
25	2005/1021	<0,060	0,042 ± 0,013	48,4 ± 2,2	<0,12	<0,24
26	2005/1022	<0,059	0,026 ± 0,013	50,0 ± 2,3	<0,12	<0,23
27	2005/1069	<0,056	0,028 ± 0,012	49,3 ± 2,2	<0,10	<0,21
28	2005/1070	<0,064	0,045 ± 0,013	49,0 ± 2,2	0,14 ± 0,06	<0,24
29	2005/1087	<0,064	0,046 ± 0,014	51,5 ± 2,3	<0,12	<0,24
30	2005/1111	<0,062	<0,066	50,2 ± 2,3	<0,13	<0,24
31	2005/1208	<0,064	<0,069	51,0 ± 2,3	<0,12	<0,24
32	2005/1209	<0,062	0,030 ± 0,014	50,5 ± 2,3	<0,10	<0,23
33	2005/1433	<0,062	<0,065	46,9 ± 2,1	<0,11	<0,24
34	2005/1434	<0,062	<0,065	47,7 ± 2,2	<0,13	<0,23
35	2005/1436	<0,058	0,037 ± 0,012	47,0 ± 2,1	<0,09	<0,22
36	2005/1437	<0,064	0,053 ± 0,015	51,3 ± 2,3	<0,12	<0,24
37	2005/1438	<0,062	0,058 ± 0,014	45,7 ± 2,1	0,23 ± 0,06	<0,22
38	2005/1469	<0,060	0,053 ± 0,015	46,3 ± 2,1	0,13 ± 0,05	<0,23
39	2005/1543	<0,058	0,061 ± 0,017	50,7 ± 2,3	<0,13	<0,23
40	2005/1623	<0,063	<0,065	46,6 ± 2,1	<0,13	<0,23
41	2005/1624	<0,065	<0,070	47,8 ± 2,2	<0,11	<0,24
42	2005/1625	<0,064	0,025 ± 0,013	49,5 ± 2,2	0,13 ± 0,05	<0,22
43	2005/1738	<0,051	<0,053	49,0 ± 2,2	<0,09	<0,20
44	2005/1739	<0,051	<0,056	49,0 ± 2,2	<0,11	<0,20
45	2005/1790	<0,057	<0,062	45,2 ± 2,1	<0,12	<0,22
46	2005/2023	<0,060	<0,065	46,3 ± 2,1	<0,10	<0,23
47	2005/2024	<0,061	0,045 ± 0,013	47,4 ± 2,2	<0,13	<0,24
48	2005/2025	<0,051	<0,057	43,9 ± 2,0	<0,10	<0,20
49	2005/2069	<0,064	0,026 ± 0,012	41,6 ± 1,9	0,15 ± 0,06	<0,22
50	2005/2070	<0,063	<0,066	41,7 ± 1,9	<0,12	<0,23
51	2005/2153	<0,061	<0,068	43,8 ± 2,0	<0,11	<0,23
52	2005/2154	<0,060	<0,065	44,5 ± 2,1	<0,13	<0,23

Poznámka: * príslušné vzorky neboli dodané pre neskoré uzatvorenie zmluvy medzi SE a novým dodávateľom mlieka PD Kalná

Table 306 Liquid milk volume activity, 2005

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
1	2006/0182	<0,0727	49,1 ± 2,2	0,313 ± 0,078	<0,264
2	2006/0032	<0,0745	51,2 ± 2,3	<0,148	<0,259
3	2006/0183	<0,0722	50,3 ± 2,3	<0,165	<0,265
4	2006/0184	<0,0687	50,8 ± 2,3	0,310 ± 0,068	<0,245
5	2006/0095	<0,0714	47,4 ± 2,2	0,219 ± 0,070	<0,254
6	2006/0112	<0,0698	47,3 ± 2,1	<0,137	<0,247
7	2006/0142	<0,0649	46,0 ± 2,1	<0,135	<0,245
8	2006/0143	<0,0762	53,4 ± 2,4	<0,143	<0,266
9	2006/0165	<0,0688	54,1 ± 2,4	<0,138	<0,254
10	2006/0383	<0,0689	51,8 ± 2,3	<0,134	<0,247
11	2006/0384	<0,0703	54,1 ± 2,4	<0,134	<0,254
12	2006/0457	<0,0688	51,3 ± 2,3	<0,135	<0,251
13	2006/0458	<0,0704	49,7 ± 2,3	<0,141	<0,261
14	2006/0459	<0,0685	50,7 ± 2,3	<0,135	<0,249
15	2006/0624	<0,0522	51,5 ± 2,3	<0,101	<0,194
16	2006/0625	<0,0639	45,7 ± 2,1	<0,127	<0,236
17	2006/0626	<0,0679	51,4 ± 2,3	<0,137	<0,251
18	2006/0628	<0,0625	49,2 ± 2,2	<0,123	<0,234
19	2006/0769	<0,0548	52,8 ± 2,3	<0,109	<0,199
20	2006/0770	<0,0662	54,5 ± 2,4	<0,131	<0,244
21	2006/0772	<0,0669	51,8 ± 2,3	<0,126	<0,239
22	2006/0788	<0,0660	53,0 ± 2,4	<0,130	<0,245
23	2006/0943	<0,0699	54,3 ± 2,4	<0,135	<0,251
24	2006/0814	<0,0655	52,3 ± 2,3	<0,134	<0,239
25	2006/0859	<0,0695	58,8 ± 2,6	0,189 ± 0,075	<0,242
26	2006/0945	<0,0574	54,9 ± 2,4	0,178 ± 0,061	<0,216
27	2006/0946	<0,0658	53,1 ± 2,4	<0,129	<0,240
28	2006/1041	0,0384 ± 0,0133	54,7 ± 2,5	<0,130	<0,245
29	2006/1042	<0,0672	51,4 ± 2,3	<0,101	<0,242
30	2006/1165	0,0353 ± 0,0153	50,6 ± 2,3	<0,109	<0,223
31	2006/1166	<0,0676	49,4 ± 2,2	<0,111	<0,240
32	2006/1250	<0,0664	49,0 ± 2,2	<0,129	<0,238
33	2006/1251	<0,0706	51,2 ± 2,3	<0,123	<0,250
34	2006/1313	0,0451 ± 0,0156	49,4 ± 2,2	<0,117	<0,247
35	2006/1312	<0,0679	50,8 ± 2,3	<0,126	<0,239
36	2006/1367	0,0524 ± 0,0180	50,1 ± 2,3	<0,131	<0,242
37	2006/1368	<0,0703	49,2 ± 2,2	<0,133	<0,251
38	2006/1402	0,0369 ± 0,0148	49,3 ± 2,2	<0,121	<0,237
39	2006/1531	0,0643 ± 0,0180	53,3 ± 2,4	<0,118	<0,238

Table 307 Liquid milk volume activity, 2006

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
40	2006/1533	0,0328 ± 0,0145	51,1 ± 2,3	0,329 ± 0,066	<0,247
41	2006/1628	<0,0708	53,5 ± 2,4	<0,103	<0,252
42	2006/1629	<0,0717	52,3 ± 2,4	0,175 ± 0,059	<0,243
43	2006/1753	<0,0711	55,6 ± 2,6	<0,141	<0,263
44	2006/1754	0,0240 ± 0,0123	54,3 ± 2,4	0,225 ± 0,053	<0,217
45	2006/1756	0,0382 ± 0,0131	53,0 ± 2,4	<0,100	<0,231
46	2006/1757	0,0323 ± 0,0155	52,4 ± 2,4	<0,142	<0,265
47	2006/1880	<0,0713	51,9 ± 2,4	0,192 ± 0,054	<0,259
48	2006/1896	<0,0741	53,7 ± 2,4	<0,142	<0,266
49	2006/2028	0,0540 ± 0,0158	52,5 ± 2,4	<0,138	<0,258
50	2006/2029	0,0357 ± 0,0079	52,1 ± 2,3	<0,124	<0,239
51	2006/2030	<0,0677	50,1 ± 2,3	<0,100	<0,241
52	2006/2031	<0,0639	50,6 ± 2,3	<0,100	<0,232

OBJEMOVÁ AKTIVITA ^{90}Sr TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
2006/141	54 ± 4	2006/627	43 ± 3	2006/1315	52 ± 4	2006/1755	54 ± 4
2006/385	53 ± 4	2006/1040	45 ± 4	2006/1366	44 ± 3	2006/2032	45 ± 4
2006/460	42 ± 3	2006/1039	51 ± 4	2006/1532	54 ± 4	2006/2033	59 ± 4

Table 308 Liquid milk volume activity, 2006

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
1	2007/0033	0,0306 ± 0,0068	51,2 ± 2,3	<0,0957	<0,208
2	2007/0034	<0,0665	52,9 ± 2,4	<0,129	<0,243
3	2007/0116	<0,0662	51,4 ± 2,3	<0,113	<0,239
4	2007/0117	<0,0586	52,8 ± 2,3	<0,102	<0,213
5	2007/0151	<0,0649	52,4 ± 2,3	<0,127	<0,239
6	2007/0182	<0,0665	50,8 ± 2,3	<0,134	<0,237
7	2007/0265	<0,0672	53,5 ± 2,4	<0,130	<0,247
8	2007/0266	<0,0685	52,1 ± 2,4	0,116 ± 0,058	<0,239
9	2007/0267	<0,0678	44,4 ± 2,1	<0,110	<0,238
10	2007/0321	<0,0637	49,7 ± 2,3	<0,105	<0,235
11	2007/0322	<0,0521	51,2 ± 2,3	<0,106	<0,191
12	2007/0354	0,0259 ± 0,0135	52,9 ± 2,4	<0,121	<0,247
13	2007/0438	<0,0636	51,5 ± 2,4	<0,132	<0,236
14	2007/0439	<0,0659	50,8 ± 2,3	<0,127	<0,243
15	2007/0558	<0,0690	51,1 ± 2,3	<0,131	<0,243
16	2007/0559	<0,0558	49,3 ± 2,2	<0,123	<0,192
17	2007/0560	<0,0654	49,9 ± 2,2	0,231 ± 0,059	<0,244
18	2007/0712	<0,0638	50,5 ± 2,3	<0,106	<0,234
19	2007/0713	<0,0651	52,4 ± 2,3	<0,123	<0,225
20	2007/0714	<0,0517	52,3 ± 2,3	<0,0938	<0,198
21	2007/1005	<0,0673	54,7 ± 2,5	<0,131	<0,246
22	2007/0759	<0,0659	51,9 ± 2,3	<0,116	<0,240
23	2007/1006	<0,0651	50,1 ± 2,3	<0,117	<0,231
24	2007/1007	<0,0660	51,3 ± 2,3	<0,134	<0,241
25	2007/1008	<0,0712	54,1 ± 2,4	<0,119	<0,253
26	2007/1009	<0,0718	51,7 ± 2,3	0,144 ± 0,053	<0,258
27	2007/1010	0,0568 ± 0,0135	51,7 ± 2,3	<0,115	<0,205
28	2007/1011	0,0192 ± 0,0115	50,8 ± 2,3	<0,129	<0,230
29	2007/1030	<0,0665	50,6 ± 2,3	<0,136	<0,277
30	2007/1149	0,0315 ± 0,0139	50,9 ± 2,3	<0,131	<0,230
31	2007/1150	<0,0700	54,0 ± 2,4	<0,116	<0,246
32	2007/1210	0,0236 ± 0,0120	50,8 ± 2,3	<0,127	<0,237
33	2007/1211	<0,0650	49,3 ± 2,2	<0,131	<0,242
34	2007/1365	0,0368 ± 0,0133	50,6 ± 2,3	<0,130	<0,273
35	2007/1282	<0,0662	50,6 ± 2,3	<0,134	<0,235
36	2007/1300	0,0662 ± 0,0156	49,3 ± 2,2	<0,133	<0,234
37	20071387	0,0329 ± 0,0141	52,1 ± 2,3	<0,140	<0,239
38	2007/1388	0,0472 ± 0,0167	55,8 ± 2,5	<0,138	<0,243
39	2007/1443	<0,0681	49,7 ± 2,2	<0,134	<0,239

Table 309 Liquid milk volume activity, 2007

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
40	2007/1480	0,0960 ± 0,0184	53,9 ± 2,4	<0,144	<0,251
41	2007/1537	0,0517 ± 0,0152	55,4 ± 2,5	<0,141	<0,248
42	2007/1538	0,0477 ± 0,0155	52,8 ± 2,4	<0,136	<0,246
43	2007/1666	<0,0682	51,3 ± 2,3	0,212 ± 0,072	<0,223
44	2007/1667	<0,0687	52,4 ± 2,4	0,371 ± 0,080	<0,247
45	2007/1668	<0,0675	52,0 ± 2,3	0,287 ± 0,068	<0,242
46	2007/1773	<0,0657	53,5 ± 2,4	<0,133	<0,245
47	2007/1843	<0,0665	51,8 ± 2,3	<0,133	<0,236
48	2007/1892	<0,0679	53,4 ± 2,4	<0,137	<0,242
49	2007/1894	<0,0596	50,4 ± 2,2	<0,123	<0,218
50	2007/2029	<0,0605	54,2 ± 2,4	<0,128	<0,220
51	2007/2030	<0,0629	52,0 ± 2,3	<0,126	<0,228
52	2007/2031	<0,0652	50,8 ± 2,3	<0,127	<0,233

OBJEMOVÁ AKTIVITA ^{90}Sr TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
2007/183	43 ± 3	2007/715	34 ± 3	2007/1212	38 ± 3	2007/1774	45 ± 3
2007/437	34 ± 3	2007/1003	34 ± 3	2007/1482	41 ± 3	2007/2028	35 ± 3
2007/561	40 ± 3	2007/1004	30 ± 3	2007/1483	39 ± 3	2007/2064	48 ± 4

Table 310 Liquid milk volume activity, 2007

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
1	2008/0062	<0,0580	51,2 ± 3,7	0,167 ± 0,129	<0,213
2	2008/0063	<0,0694	52,0 ± 3,8	0,105 ± 0,135	<0,249
3	2008/0064	<0,0714	54,7 ± 4,0	<0,136	<0,243
4	2008/0066	<0,0668	51,3 ± 3,8	0,248 ± 0,144	<0,265
5	2008/0226	0,0214 ± 0,0243	49,9 ± 3,7	0,327 ± 0,140	<0,244
6	2008/0227	<0,0725	52,8 ± 3,9	<0,142	<0,257
7	2008/0228	<0,0701	53,1 ± 3,9	<0,146	<0,256
8	2008/0295	0,0376 ± 0,0292	54,2 ± 4,0	<0,142	<0,256
9	2008/0340	<0,0737	53,9 ± 4,0	<0,145	<0,260
10	2008/0341	<0,0706	55,0 ± 4,0	<0,145	<0,259
11	2008/0409	0,0254 ± 0,0264	55,2 ± 4,1	<0,148	<0,262
12	2008/0477	<0,0690	53,7 ± 3,9	<0,138	<0,239
13	2008/0511	<0,0720	52,8 ± 3,9	0,145 ± 0,128	<0,256
14	2008/0512	<0,0733	52,4 ± 3,9	<0,146	<0,261
15	2008/0548	<0,0716	53,9 ± 4,0	<0,145	<0,264
16	2008/0547	<0,0711	55,8 ± 4,1	<0,145	<0,258
17	2008/0620	0,0293 ± 0,0297	54,4 ± 4,0	<0,142	<0,240
18	2008/0660	0,0547 ± 0,0308	54,5 ± 4,0	<0,145	<0,245
19	2008/0661	0,0479 ± 0,0275	56,9 ± 4,1	<0,142	<0,254
20	2008/0696	0,0357 ± 0,0313	52,4 ± 3,8	<0,133	<0,222
21	2008/0714	0,0472 ± 0,0187	55,4 ± 4,1	<0,138	<0,255
22	2008/0931	0,0413 ± 0,0256	53,6 ± 3,9	<0,143	<0,243
23	2008/0932	<0,0672	53,7 ± 3,9	<0,134	<0,240
24	2008/0933	0,0429 ± 0,0309	55,1 ± 4,0	<0,159	<0,254
25	2008/0934	0,0366 ± 0,0250	54,1 ± 4,0	<0,147	<0,234
26	2008/1075	<0,0650	50,1 ± 3,7	<0,134	<0,239
27	2008/1076	0,0365 ± 0,0289	54,9 ± 4,0	0,231 ± 0,115	<0,246
28	2008/1077	0,0343 ± 0,0291	53,7 ± 3,9	<0,135	<0,250
29	2008/1083	0,0205 ± 0,0259	53,5 ± 3,9	0,180 ± 0,105	<0,250
30	2008/1115	0,0343 ± 0,0241	53,2 ± 3,9	<0,133	<0,228
31	2008/1249	0,0279 ± 0,0285	53,9 ± 4,0	0,130 ± 0,104	<0,256
32	2008/1201	0,0396 ± 0,0269	53,1 ± 3,9	<0,144	<0,252
33	2008/1233	0,0314 ± 0,0291	55,5 ± 4,1	<0,144	<0,256
34	2008/1324	<0,0710	54,1 ± 4,0	<0,143	<0,258
35	2008/1393	<0,0653	54,4 ± 4,0	<0,132	<0,237
36	2008/1392	<0,0729	54,6 ± 4,0	<0,154	<0,256
37	2008/1473	<0,0737	55,3 ± 4,1	<0,146	<0,236
38	2008/1474	0,0728 ± 0,0337	50,7 ± 3,7	<0,140	<0,238
39	2008/1607	<0,0665	52,0 ± 3,8	0,114 ± 0,119	<0,216

Table 311 Liquid milk volume activity, 2008

OBJEMOVÁ AKTIVITA TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)
(gamaspektrometria)

Rádionuklid / Týždeň	Evid. číslo protokolu	^{137}Cs [Bq/dm^3]	^{40}K [Bq/dm^3]	U - rad [Bq/dm^3]	Th - rad [Bq/dm^3]
40	2008/1608	<0,0717	52,4 ± 3,9	<0,153	<0,261
41	2008/1609	0,0220 ± 0,0252	51,7 ± 3,8	<0,157	<0,253
42	2008/1610	0,0254 ± 0,0283	50,4 ± 3,8	<0,144	<0,253
43	2008/1705	<0,0702	52,9 ± 3,9	<0,139	<0,250
44	2008/1706	<0,0707	53,9 ± 4,0	<0,145	<0,255
45	2008/1728	0,0269 ± 0,0322	56,3 ± 4,1	<0,154	<0,264
46	2008/1775	<0,0743	54,6 ± 4,0	<0,153	<0,261
47	2008/1776	<0,0695	52,7 ± 3,9	<0,154	<0,253
48	2008/1869	0,0368 ± 0,0292	53,7 ± 4,0	<0,142	<0,249
49	2008/1951	<0,0745	55,7 ± 4,1	<0,153	<0,272
50	2008/1952	<0,0748	54,7 ± 4,0	<0,151	<0,259
51	2008/1953	<0,0726	53,7 ± 3,9	<0,144	<0,252
52	2008/2072	<0,0732	53,6 ± 4,0	<0,148	<0,255

OBJEMOVÁ AKTIVITA ^{90}Sr TEKUTÉHO MLIEKA

(lokalita: Tekovský Hrádok)

Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
2008/294	36 ± 4	2008/659	30 ± 3	2008/1250	33 ± 4	2008/1729	37 ± 4
2008/342	30 ± 3	2008/1081	43 ± 5	2008/1394	32 ± 4	2008/1983	36 ± 4
2008/513	33 ± 4	2008/1082	47 ± 5	2008/1586	34 ± 4	2008/2091	42 ± 5

Table 312 Liquid milk volume activity, 2008

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2005/0367	1.	<0,700	12,8 ± 0,7	547 ± 26	33,8 ± 2,2	31,8 ± 3,4
2005/0742	2.	<0,897	13,4 ± 0,8	558 ± 34	31,3 ± 2,7	26,1 ± 3,7
2005/1227	3.	<0,698	15,0 ± 0,7	519 ± 24	35,8 ± 2,3	33,1 ± 3,6
2005/2004	4.	<0,946	15,0 ± 0,8	469 ± 23	36,5 ± 2,5	31,1 ± 3,8

Lokalita: výpustný otvor pod Haťou N. Tekov - elektráreň

Evidenč. číslo protokolu	Š. r.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2005/0370	1.	<0,687	19,4 ± 0,9	527 ± 25	35,8 ± 2,3	34,1 ± 3,6
2005/0721	2.	<0,723	26,3 ± 1,2	524 ± 25	38,0 ± 2,5	34,5 ± 3,7
2005/1212	3.	<0,764	27,9 ± 1,3	515 ± 24	39,0 ± 2,6	33,1 ± 3,7
2005/2007	4.	<1,17	22,9 ± 1,2	474 ± 23	34,1 ± 2,5	30,8 ± 4,0

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2005/0368	1.	<0,712	9,33 ± 0,56	554 ± 26	32,2 ± 2,1	31,5 ± 2,4
2005/0747	2.	<0,903	4,34 ± 0,31	589 ± 36	27,0 ± 2,4	25,7 ± 3,6
2005/1233	3.	<0,768	3,43 ± 0,30	595 ± 28	33,4 ± 2,2	32,7 ± 3,2
2005/2005	4.	<0,913	7,19 ± 0,53	551 ± 26	29,5 ± 2,0	27,1 ± 3,5

Lokalita: Perec - Čerpacia stanica - V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2005/0369	1.	<0,708	7,62 ± 0,49	531 ± 25	33,0 ± 2,2	31,0 ± 3,4
2005/0722	2.	<0,861	3,80 ± 0,33	551 ± 26	34,2 ± 2,3	32,6 ± 3,6
2005/1226	3.	<0,714	3,46 ± 0,20	556 ± 26	33,6 ± 2,2	31,9 ± 3,6
2005/2006	4.	<1,19	2,91 ± 0,41	523 ± 26	31,3 ± 2,3	30,1 ± 3,9

Table 313 Specific activity of sediments in the Hron River, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2006/0310	1.	17,3 ± 0,8	530 ± 25	41,0 ± 2,6	34,5 ± 3,7
2006/0663	2.	13,1 ± 0,7	562 ± 26	37,4 ± 2,5	34,8 ± 3,7
2006/1127	3.	22,8 ± 1,1	567 ± 27	36,7 ± 2,4	38,2 ± 4,2
2006/1695	4.	23,6 ± 1,1	592 ± 28	42,4 ± 2,8	37,2 ± 3,7

Lokalita: výpustný otvor pod Haťou N. Tekov - elektráreň

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2006/0409	1.	10,2 ± 0,6	592 ± 28	35,1 ± 2,3	34,6 ± 3,7
2006/0665	2.	26,3 ± 1,2	543 ± 26	37,3 ± 2,5	35,3 ± 3,8
2006/1129	3.	20,4 ± 1,0	539 ± 25	37,4 ± 2,5	35,2 ± 3,8
2006/1693	4.	22,4 ± 1,1	540 ± 25	40,6 ± 2,7	34,6 ± 3,7

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2006/0317	1.	6,81 ± 0,39	531 ± 25	29,3 ± 1,9	27,9 ± 3,2
2006/0664	2.	7,02 ± 0,40	637 ± 30	32,5 ± 2,2	31,5 ± 3,6
2006/1128	3.	5,61 ± 0,28	569 ± 27	30,3 ± 2,0	31,7 ± 3,1
2006/1694	4.	8,85 ± 0,49	638 ± 30	36,5 ± 2,4	33,5 ± 3,8

Table 314 Specific activity of sediments in the Hron River, 2006

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2007/0338	1.	11,0 ± 0,7	501 ± 29	33,3 ± 2,7	30,6 ± 4,0
2007/0716	2.	22,0 ± 1,1	556 ± 26	38,1 ± 2,5	34,1 ± 3,6
2007/1083	3.	24,9 ± 1,2	570 ± 27	38,8 ± 2,6	35,8 ± 3,8
2007/1926	4.	23,5 ± 1,1	551 ± 26	38,3 ± 2,5	35,7 ± 4,0

Lokalita: výpustný otvor pod Haťou N. Tekov - elektráreň

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2007/0340	1.	21,3 ± 1,2	492 ± 28	35,9 ± 2,9	33,1 ± 4,2
2007/0718	2.	31,5 ± 1,5	545 ± 26	38,6 ± 2,5	36,2 ± 3,9
2007/1085	3.	23,7 ± 1,1	557 ± 26	38,9 ± 2,6	36,9 ± 3,9
2007/1928	4.	27,6 ± 1,3	542 ± 26	39,2 ± 2,6	35,0 ± 3,8

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2007/0339	1.	7,52 ± 0,45	568 ± 32	30,1 ± 2,4	30,0 ± 3,9
2007/0717	2.	6,88 ± 0,50	599 ± 28	32,5 ± 2,2	32,8 ± 3,6
2007/1084	3.	1,67 ± 0,13	639 ± 30	34,1 ± 2,3	33,9 ± 3,6
2007/1927	4.	5,71 ± 0,39	638 ± 30	34,9 ± 2,3	34,0 ± 3,7

Table 161 Specific activity of sediments in the Hron River, 2007

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

(gamaspektrometria)

Lokalita: Tlmače - nad Haťou V. Kozmálovce

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2008/0361	1.	15,0 ± 1,3	517 ± 41	39,3 ± 4,3	34,2 ± 6,5
2008/0794	2.	20,9 ± 1,6	512 ± 41	36,7 ± 4,0	33,4 ± 6,3
2008/1197	3.	21,0 ± 1,7	577 ± 45	37,7 ± 4,1	34,9 ± 6,7
2008/1864	4.	26,5 ± 2,1	530 ± 42	40,4 ± 4,4	35,0 ± 6,5

Lokalita: výpustný otvor pod Haťou N. Tekov - elektráreň

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2008/0363	1.	24,8 ± 2,0	538 ± 42	39,0 ± 4,2	35,5 ± 6,8
2008/0796	2.	25,4 ± 2,0	544 ± 43	39,3 ± 4,3	34,7 ± 7,0
2008/1199	3.	24,7 ± 1,9	561 ± 44	38,1 ± 4,2	34,7 ± 5,9
2008/1866	4.	23,3 ± 1,9	579 ± 46	38,0 ± 4,1	35,5 ± 7,1

Lokalita: Kalná n/Hronom

Evidenč. číslo protokolu	Š. r.	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
2008/0362	1.	7,47 ± 0,64	581 ± 46	35,3 ± 3,9	32,8 ± 5,7
2008/0795	2.	6,74 ± 0,59	623 ± 49	33,4 ± 3,7	31,5 ± 5,5
2008/1198	3.	11,8 ± 0,9	597 ± 47	35,8 ± 3,9	35,1 ± 6,8
2008/1865	4.	5,45 ± 0,65	570 ± 45	32,6 ± 3,6	31,9 ± 6,1

Table 161 Specific activity of sediments in the Hron River, 2008

HMOTNOSTNÁ AKTIVITA SEDIMENTOV V RIEKE HRON

rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
Tlmače /Hron/	2005/1227	1,3 ± 0,2
N. Tekov elektráreň	2005/1212	1,4 ± 0,2
Kalná n/Hronom /Hron/	2005/1233	1,9 ± 0,2
V. Kozmálovce /ČS-Perec/	2005/1226	1,7 ± 0,2

Table 315 Specific activity of sediments in the Hron River, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOV
rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tlmače /Hron/	2006/1127	1,4	±	0,2
N. Tekov elektráreň	2006/1129	1,3	±	0,2
Kalná n/Hronom /Hron/	2006/1128	1,0	±	0,1
Čifáre /rybník/	2006/1130	0,4	±	0,1

Table 316 Specific activity of sediments in the Hron River, 2006

HMOTNOSTNÁ AKTIVITA SEDIMENTOV
rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tlmače /Hron/	2007/1083	1,3	±	0,1
N. Tekov elektráreň	2007/1085	0,9	±	0,1
Kalná n/Hronom /Hron/	2007/1084	1,0	±	0,1
Čifáre (rybník)	2007/1086	1,1	±	0,1

Table 317 Specific activity of sediments in the Hron River, 2007

HMOTNOSTNÁ AKTIVITA SEDIMENTOV
rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]		
Tlmače /Hron/	2008/1197	1,0	±	0,2
N. Tekov elektráreň	2008/1199	0,8	±	0,1
Kalná n/Hronom /Hron/	2008/1198	1,0	±	0,2
Čifáre (rybník)	2008/1200	1,8	±	0,3

Table 318 Specific activity of sediments in the Hron River, 2008

PLOŠNÁ AKTIVITA SNEHOVEJ ZRÁŽKY
(Lokalita: strecha LRKO)

Rádionuklid / Odber	Evid. číslo protokolu	^{134}Cs [Bq/m^2]	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]
21.1.2005	**2005/0031**	<0,0666	<0,0652	0,50 ± 0,162	15,3 ± 0,831	<0,147	<0,234
27.1.2005	**2005/0067**	<0,0348	<0,0359	<0,356	6,27 ± 0,348	<0,0782	<0,126
1.2.2005	**2005/0070**	<0,0339	<0,0338	<0,326	8,99 ± 0,457	<0,0789	<0,120
14.2.2005	**2005/0151**	<0,139	<0,138	<1,30	38,4 ± 2,19	<0,284	<0,486
16.2.2005	**2005/0184**	<0,0564	<0,0590	<0,575	3,75 ± 0,28	<0,128	<0,208
22.2.2005	**2005/0185**	<0,0150	<0,0158	<0,143	1,09 ± 0,08	<0,0327	<0,0567
23.2.2005	**2005/0201**	<0,0836	<0,0828	<0,835	6,80 ± 0,483	<0,196	<0,291
24.2.2005	**2005/0202**	<0,0606	<0,0593	<0,606	10,60 ± 0,582	<0,123	<0,210
21.12.2005	**2005/2071**	<0,0951	<0,0976	<0,943	<1,22	<0,245	<0,341

Rádionuklid / Odber	Evid. číslo protokolu	^{3}H [Bq/m2]
21.1.2005	2005/33	12,2 ± 1,6
27.1.2005	2005/69	6,6 ± 0,9
1.2.2005	2005/72	6,4 ± 0,9

Rádionuklid / Odber	Evid. číslo protokolu	^{90}Sr [mBq/m2]
21.1.2005	2005/32	134 ± 12
27.1.2005	2005/68	53 ± 7
1.2.2005	2005/71	64 ± 6

Table 319 Snow surface activity, 2005

PLOŠNÁ AKTIVITA SNEHOVEJ ZRÁŽKY
(Lokalita: strecha LRKO)

Rádionuklid / Odber	Evid. číslo protokolu	^{137}Cs [mBq/m^2]	^{40}K [mBq/m^2]	^{7}Be [mBq/m^2]	U - rad [mBq/m^2]	Th - rad [mBq/m^2]
19.1.2006	**2006/0048**	7,30 ± 3,48	91,3 ± 46,6	5,05 ± 0,29	204 ± 33	<81,5
8.2.2006	**2006/0094**	14,6 ± 7,5	<464	12,3 ± 0,7	<107	<159
10.2.2006	**2006/0096**	<43,0	<427	16,0 ± 0,8	<108	<155
6.3.2006	**2006/0181**	<45,3	330 ± 95	7,33 ± 0,42	<111	<161

Rádionuklid / Odber	Evid. číslo protokolu	^{3}H [Bq/m2]
19.1.2006	2006/48	3,7 ± 0,5
8.2.2006	2006/94	9,5 ± 1,3
10.2.2006	2006/96	9,0 ± 1,2

Rádionuklid / Odber	Evid. číslo protokolu	^{90}Sr [mBq/m2]
19.1.2006	2006/48	22 ± 4
8.2.2006	2006/94	38 ± 10
10.2.2006	2006/96	108 ± 18

Table 320 Snow surface activity, 2006

OBJEMOVÁ AKTIVITA SNEHOVEJ ZRÁŽKY
(Lokalita: strecha LRKO)

Rádionuklid / Odber	Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	^{7}Be [Bq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]	Celkový objem* [dm^3]
26.2.2007	2007/0199	<4,84	<46,6	2,38 ± 0,12	18,1 ± 4,2	<17,1	18,0
12.11.2007	2007/1724	<3,56	<51,6	0,257 ± 0,190	<7,40	<12,5	22,4

Rádionuklid / Odber	Evid. číslo protokolu	^{3}H [Bq/dm^3]	Celkový objem* [dm^3]
26.2.2007	2007/0199	<1	18,0
12.11.2007	2007/1724	<1	22,4

Rádionuklid / Odber	Evid. číslo protokolu	^{90}Sr [mBq/dm^3]	Celkový objem* [dm^3]
26.2.2007	2007/0199	9 ± 1	18,0
12.11.2007	2007/1724	12 ± 1	22,4

* - sneh odoberáme do odberovej nádoby s plochou 1 m^2. Uvádzaný celkový objem je objem vody z rozpusteného snehu.

Table 321 Snow volume activity, 2007

OBJEMOVÁ AKTIVITA SNEHOVEJ ZRÁŽKY
(Lokalita: strecha LRKO)

Rádionuklid / Odber	Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	^{7}Be [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]	Celkový objem* [dm^3]
7.1.2008	**2008/0016**	<4,04	<59,4	2080 ± 170	<8,22	<14,0	19,5
24.11.2008	**2008/1774**	<6,18	31,9 ± 20,4	1130 ± 100	<15,0	<21,6	3,2
25.11.2008	**2008/1829**	<5,65	<54,7	1730 ± 150	<13,7	<21,1	17,4

Rádionuklid / Odber	Evid. číslo protokolu	^{3}H [Bq/dm^{3}]	Celkový objem* [dm^{3}]
7.1.2008	2008/16	1,1 ± 0,1	19,5
25.11.2008	2008/1829	<1	17,4
24.11.2008	2008/1774	<1	3,2

Rádionuklid / Odber	Evid. číslo protokolu	^{90}Sr [mBq/dm^{3}]	Celkový objem* [dm^{3}]
7.1.2008	2008/16	12 ± 2	19,5
25.11.2008	2008/1829	<6	17,4
24.11.2008	2008/1774	<6	3,2

* - sneh odoberáme do odberovej nádoby s plochou 1 m^{2}. Uvádzaný celkový objem je objem vody z rozpusteného snehu.

Table 322 Snow volume activity, 2008

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KRMOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Ďatelina	Levice	2005/0738	<0,569	<0,615	802 ± 50	54,7 ± 4,8	<1,13	<2,24
Ďatelina	Zl.Moravce	2005/0746	<0,655	<0,710	749 ± 47	51,6 ± 5,2	<1,32	<2,63
Tráva	T.Hrádok	2005/0927	<0,685	<0,705	860 ± 60	16,9 ± 2,6	<1,35	<2,69
Tráva	Vráble	2005/0928	<0,647	<0,671	684 ± 48	39,3 ± 4,1	<1,29	<2,46
Tráva	T.Mlýňany	2005/0929	<0,615	<0,672	621 ± 44	55,1 ± 5,1	<1,24	<2,43
Tráva	N.Tekov	2005/0930	<0,627	1,31 ± 0,21	578 ± 41	65,2 ± 6,8	<1,27	<2,38
Tráva	Mochovce	2005/0931	<0,584	<0,574	272 ± 21	154 ± 12	<1,25	<2,10
Jačmeň	V.Ďur	2005/1105	<0,348	<0,355	147 ± 8	<5,19	<0,611	<1,26
Jačmeň	Zl.Moravce	2005/1106	<0,377	<0,390	151 ± 8	6,84 ± 1,64	<0,773	<1,43
Pšenica	Vráble	2005/1108	<0,380	<0,379	101 ± 6	<5,68	<0,638	<1,37
Pšenica	Rybník	2005/1109	<0,334	<0,351	141 ± 8	<4,93	<0,677	<1,24
Kukurica	Čaradice	2005/1585	<0,295	0,12 ± 0,06	109 ± 6	<3,68	<0,597	<1,12
Kukurica	M.Kozmálovce	2005/1588	<0,302	<0,324	135 ± 7	<3,78	<0,541	<1,15
Tráva	T.Hrádok	2005/1650	<0,867	<0,892	566 ± 40	177 ± 15	1,55 ± 0,47	<3,02
Tráva	N.Tekov	2005/1651	<0,952	2,55 ± 0,34	616 ± 44	67,8 ± 7,1	2,68 ± 0,76	<3,15
Tráva	T.Mlýňany	2005/1652	<0,868	<0,986	597 ± 42	123 ± 11	<1,73	<3,16
Tráva	Vráble	2005/1653	<0,520	0,63 ± 0,15	136 ± 10	233 ± 17	<0,921	<1,78
Tráva*	Mochovce	2005/1654						

Poznámka: * vzorka nebola odobratá pre nízky stav porastu

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Repa	H.Seč	2005/1577	<0,282	<0,290	70,3 ± 4,0	<2,92	<0,479	<1,09
Repa	Tehla	2005/1604	<0,286	<0,293	58,0 ± 3,5	<2,90	<0,620	<1,07

OVOCIE

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Čerešne	Tajná	2005/0852	<0,290	<0,296	72,5 ± 4,0	<5,63	<0,579	<0,948
Čerešne	Nemčiňany	2005/0853	<0,295	<0,297	67,7 ± 3,8	<5,10	<0,486	<1,05
Jahody	Č.Hrádok	2005/0869	<0,293	<0,302	55,1 ± 3,2	<5,14	<0,576	<1,03
Jahody	St.Tekov	2005/0921	<0,287	0,15 ± 0,05	42,9 ± 2,7	<4,22	<0,521	<1,02
Maliny	T.Lužany	2005/1159	<0,264	0,10 ± 0,06	94,5 ± 5,0	<3,23	<0,472	<0,966
Jablká	M.Kozmálovce	2005/1578	<0,269	<0,285	29,9 ± 2,2	<2,31	<0,574	<1,00
Jablká	Vráble	2005/1581	<0,265	0,10 ± 0,05	23,0 ± 2,0	<2,21	<0,558	<1,00
Hrušky	Telince	2005/1580	<0,266	<0,284	50,6 ± 3,2	<2,42	<0,569	<1,00
Hrušky	Volkovce	2005/1586	<0,276	0,11 ± 0,06	47,3 ± 3,0	<3,04	0,41 ± 0,22	<1,02
Hrozno	Levice	2005/1576	<0,283	<0,305	87,5 ± 4,8	<3,09	<0,600	<1,08
Hrozno	Č.Hrádok	2005/1605	<0,274	<0,298	78,7 ± 4,4	<2,88	<0,571	<1,04

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Hrach*	Kalná n/Hr.	2005/1103	<0,429	0,27 ± 0,11	356 ± 19	<7,00	<0,836	<1,28
Hrach*	Rybník	2005/1110	<0,432	0,32 ± 0,11	357 ± 19	<6,87	<0,863	<1,67
Uhorky	H.Seč	2005/1185	<0,272	0,19 ± 0,06	55,0 ± 3,4	<2,55	<0,582	<1,04
Uhorky	V.Ďur	2005/1228	<0,282	0,12 ± 0,06	63,3 ± 3,7	<2,92	<0,587	<1,06
Cuketa	Č.Hrádok	2005/1184	<0,282	<0,302	64,2 ± 3,8	<2,84	<0,587	<1,04
Paprika	Vráble	2005/1190	<0,272	<0,297	57,4 ± 3,5	<2,81	<0,581	<1,05
Paprika	T.Lužany	2005/1417	<0,285	<0,309	68,8 ± 4,0	<2,24	<0,608	<1,08
Paradajky	T.Lužany	2005/1210	<0,288	<0,312	94,3 ± 5,2	<3,05	<0,601	<1,11
Paradajky	Volkovce	2005/1229	<0,280	<0,307	85,8 ± 4,7	<2,95	<0,591	<1,07
Petržlen	Podlužany	2005/1583	<0,253	<0,274	161 ± 8	<2,17	<0,491	<0,912
Petržlen	Volkovce	2005/1607	<0,251	<0,273	131 ± 7	<2,13	<0,577	<0,829
Kapusta	Zl.Moravce	2005/1606	<0,269	<0,288	87,5 ± 4,7	<3,37	<0,493	<1,03
Kapusta	H.Seč	2005/1626	<0,288	0,12 ± 0,05	52,5 ± 3,3	<6,03	0,45 ± 0,21	<1,04
Zemiaky	St.Tekov	2005/1584	<0,297	0,19 ± 0,08	120 ± 6	<3,07	0,44 ± 0,17	<1,11
Zemiaky	M.Vozokany	2005/1628	<0,267	<0,283	113 ± 6	<2,88	<0,509	<1,01
Mrkva	Č.Klačany	2005/1587	<0,289	<0,305	72,3 ± 4,1	<2,64	0,56 ± 0,19	<1,07
Mrkva	Levice	2005/1970	<0,290	<0,314	99,1 ± 5,4	<4,21	<0,517	<1,11
Fazuľa*	Č.Hrádok	2005/1627	<0,446	<0,510	466 ± 24	<4,54	<0,785	<1,85
Fazuľa*	T.Lužany	2005/2172	<0,493	<0,475	408 ± 21	<9,43	1,63 ± 0,35	<1,73
Fazuľa*	T.Hrádok	2005/2173	<0,492	<0,486	478 ± 25	<9,76	0,91 ± 0,32	<1,71

Poznámka: * Bq/kg sušenej vzorky

ČAJOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Agát-kvet	Levice	2005/0763	<0,489	<0,523	663 ± 41	13,3 ± 2,1	<0,976	<1,85
Agát-kvet	Č.Hrádok	2005/0765	<0,550	<0,586	672 ± 42	21,1 ± 3,2	<1,10	<2,17
Baza-kvet	Vráble	2005/0764	<0,601	<0,649	976 ± 61	37,7 ± 3,6	<1,21	<2,72
Baza-kvet	Kozárovce	2005/0766	<0,537	0,59 ± 0,17	676 ± 42	33,9 ± 3,4	<1,11	<2,12
Lipa-kvet	St.Tekov	2005/0904	<0,468	0,20 ± 0,09	510 ± 32	25,0 ± 3,0	<0,921	<1,75
Lipa-kvet	Nevidzany	2005/0905	<0,489	<0,516	431 ± 27	27,2 ± 3,2	<0,975	<1,84
Šípky	Kozárovce	2005/1736	<0,482	<0,463	354 ± 19	6,56 ± 2,7	<0,833	<1,70
Šípky	Tajná	2005/1737	<0,455	<0,455	318 ± 17	11,7 ± 3,0	1,00 ± 0,29	<1,63

OLEJNINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Repka	V.Ďur	2005/1104	<0,367	0,28 ± 0,09	236 ± 13	<6,04	<0,732	<1,37
Repka	Zl.Moravce	2005/1107	<0,415	<0,453	262 ± 14	2,39 ± 1,45	<0,827	<1,58
Slnečnica	N.Tekov	2005/1579	<0,361	<0,386	235 ± 13	<4,05	<0,556	<1,39
Slnečnica	Zl.Moravce	2005/1582	<0,409	0,44 ± 0,13	281 ± 15	<6,18	<0,841	<1,65
Orechy	T.Lužany	2005/2174	<0,353	<0,343	175 ± 9	<6,42	0,97 ± 0,23	<1,23
Orechy	T.Hrádok	2005/2175	<0,415	<0,453	262 ± 14	2,39 ± 1,45	<0,827	<1,58

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

VODNÉ RASTLINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
Rastliny	Hron-Kozárovce	2005/1805	<1,57	5,47 ± 0,42	489 ± 33	82,5 ± 12,2	140 ± 13	44,4 ± 8,4
Rastliny	Hron-V.Kozmál.	2005/1804	1,48 ± 0,15	11,3 ± 0,72	360 ± 23	70,0 ± 10,0	105 ± 9	36,5 ± 6,3
Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{58}Co	^{60}Co	^{110M}Ag			
			[Bq/kg sušenej vzorky]					
Rastliny	Hron-V.Kozmál.	2005/1804	1,11 ± 0,24	3,43 ± 0,31	3,78 ± 0,27			

Poznámka: * pokračovanie tabuľky pre ďalšie rádionuklidy doteraz nezistených

HRÍBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Kozáky	Jabloňovce	2005/1206	<0,218	1,43 ± 0,11	119 ± 6	<2,37	<0,458	<0,800
Plávky	Jabloňovce	2005/1207	<0,215	0,47 ± 0,07	119 ± 6	<2,27	<0,447	<0,816

RYBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Kapor	EMO-chl.veža	2005/0549	<0,166	<0176	102 ± 5	<1,79	<0,362	<0,610
Nosáľ	Hron-V.Kozml.	2005/1771	<0,326	<0,323	94,7 ± 5,2	<3,90	<0,608	<1,11
Podustva	Hron-V.Kozml.	2005/1770	<0,314	0,21 ± 0,07	90,8 ± 4,9	<3,81	<0,588	<1,06
Pleskáč	Hron-V.Kozml.	2005/1773	<0,296	<0,304	95,5 ± 5,2	<3,71	<0,607	<1,10
Nosáľ	Hron-V.Kozml.	2005/1772	<0,284	<0,309	97,2 ± 5,2	<3,79	<0594	<1,08
Nosáľ	Hron-V.Kozml.	2005/2151	<0,293	<0,317	91,6 ± 5,1	<3,43	0,91 ± 0,25	<1,12

MÄSO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{134}Cs	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]					
Bravčovina	Zbrojníky	2005/2118	<0,263	<0,293	38,3 ± 2,7	<4,51	0,35 ± 0,18	<1,03

Table 323 Specific activity of agricultural production samples, 2005

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KRMOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Jačmeň	V.Ďur	2006/1119	0,196 ± 0,088	151 ± 8	14,1 ± 1,9	1,02 ± 0,27	<1,37
Jačmeň	Kozárovce	2006/1120	<0,415	164 ± 9	4,62 ± 0,91	0,572 ± 0,244	<1,42
Pšenica	Zl.Moravce	2006/1121	0,239 ± 0,088	153 ± 8	<5,16	1,30 ± 0,30	<1,22
Pšenica	Vráble	2006/1122	0,149 ± 0,070	135 ± 8	<5,81	<0,677	<1,28
Ďatelina	St.Tekov	2006/1149	0,839 ± 0,177	547 ± 34	78,1 ± 6,2	1,75 ± 0,47	<2,56
Ďatelina	Kozárovce	2006/1148	0,906 ± 0,181	539 ± 34	75,0 ± 6,0	1,44 ± 0,40	<2,12
Tráva	Mochovce	2006/1546	<0,806	894 ± 63	121 ± 11	1,77 ± 0,54	<2,79
Tráva	Vráble	2006/1547	0,901 ± 0,231	528 ± 38	111 ± 12	1,68 ± 0,68	<3,02
Tráva	T.Hrádok	2006/1548	<0,949	705 ± 50	148 ± 14	2,13 ± 0,85	<3,08
Tráva	T.Mlýňany	2006/1549	0,598 ± 0,230	619 ± 44	128 ± 15	2,46 ± 0,72	<3,07
Tráva	N.Tekov	2006/1569	3,12 ± 0,39	527 ± 38	57,6 ± 7,9	4,29 ± 0,91	3,52 ± 1,13
Ďatelina	Kozárovce	2006/1566	1,57 ± 0,24	837 ± 52	17,2 ± 2,9	1,66 ± 0,49	<2,69
Ďatelina	St.Tekov	2006/1567	1,30 ± 0,20	342 ± 22	51,1 ± 4,2	2,59 ± 0,49	<1,98
Kukurica	Čifáre	2006/1589	<0,384	134 ± 8	<9,81	<0,627	<1,44
Kukurica	M.Vozokany	2006/1591	<0,332	127 ± 7	<7,46	0,520 ± 0,239	<1,15

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	Levice	2006/1384	<0,259	45,4 ± 2,9	<2,48	<0,428	<0,909
Repa	Vráble	2006/1480	<0,256	56,7 ± 3,4	<2,18	<0,391	<0,913

OVOCIE

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jahody	Volkovce	2006/0875	<0,278	48,2 ± 3,1	<2,27	0,539 ± 0,185	<0,973
Jahody	Č.Hrádok	2006/0877	0,178 ± 0,054	40,4 ± 2,7	2,64 ± 0,61	0,860 ± 0,199	<0,914
Čerešne	Zl.Moravce	2006/0878	<0,259	55,4 ± 3,4	<2,21	<0,459	<0,926
Čerešne	V.Ďur	2006/0876	<0,260	54,4 ± 3,3	<2,13	0,339 ± 0,172	<0,911
Maliny	Krškany	2006/0942	<0,260	57,4 ± 3,4	<1,91	<0,462	<0,909
Marhule	Levice	2006/1146	<0,283	108 ± 6	<2,18	<0,410	<0,970
Marhule	Č.Hrádok	2006/1147	<0,289	71,3 ± 4,1	<2,44	<0,411	<1,02
Slivky	Rybník	2006/1336	<0,260	51,2 ± 3,1	<2,32	<0,480	<0,890
Slivky	Nemčiňany	2006/1342	0,112 ± 0,053	64,1 ± 3,7	<2,42	<0,356	<0,920
Hrušky	Tajná	2006/1590	<0,265	41,2 ± 2,8	<2,13	<0,422	<0,934
Hrušky	Volkovce	2006/1601	0,212 ± 0,073	50,4 ± 3,2	<2,29	0,326 ± 0,173	<0,953
Hrozno	V.Vozokany	2006/1592	0,134 ± 0,053	89,5 ± 4,9	<2,31	<0,502	<0,933
Hrozno	M.Kozmálovce	2006/1593	<0,264	85,3 ± 4,7	<2,37	<0,493	<0,973
Jablká	M.Kozmálovce	2006/1602	<0,252	45,1 ± 2,8	<2,43	<0,448	<0,908
Jablká	Vráble	2006/1603	<0,254	34,7 ± 2,4	<2,32	<0,402	<0,873

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hrach*	Vráble	2006/1125	<0,437	353 ± 19	<6,86	0,819 ± 0,309	<1,61
Hrach*	N.Tekov	2006/1126	0,355 ± 0,132	376 ± 20	<6,92	<0,634	<1,52
Paradajky	Rybník	2006/1338	0,127 ± 0,046	76,1 ± 4,3	<2,54	<0,445	<0,985
Paradajky	Zl.Moravce	2006/1343	<0,278	77,9 ± 4,4	<2,49	0,352 ± 0,157	<0,970
Cuketa	Č.Hrádok	2006/1341	0,0854 ± 0,0476	47,6 ± 3,0	<2,65	<0,413	<0,926
Cuketa	St.Tekov	2006/1481	<0,250	46,5 ± 2,9	<2,17	<0,391	<0,887
Uhorky	T.Lužany	2006/1347	<0,245	64,1 ± 3,7	<2,39	<0,465	<0,873
Uhorky	Čifáre	2006/1348	<0,271	62,9 ± 3,7	<2,57	<0,501	<0,948
Paprika	Vráble	2006/1344	0,104 ± 0,056	40,0 ± 2,7	<2,67	0,201 ± 0,154	<0,909
Paprika	T.Lužany	2006/1346	<0,258	69,1 ± 3,9	<2,69	<0,359	<0,911
Zemiaky	Volkovce	2006/1345	<0,284	140 ± 7	<3,04	<0,457	<0,975
Zemiaky	Krškany	2006/1594	<0,292	142 ± 7	<2,25	0,287 ± 0,208	<1,08
Tekvica	T.Lužany	2006/1499	<0,274	65,6 ± 3,8	<2,35	0,301 ± 0,157	<0,937
Petržlen	Volkovce	2006/1604	<0,318	158 ± 8	<2,95	0,710 ± 0,204	<1,06
Petržlen	St.Tekov	2006/1605	<0,310	161 ± 8	<3,12	0,596 ± 0,200	<0,831
Kapusta	T.Hrádok	2006/1606	<0,264	75,8 ± 4,3	<2,80	0,346 ± 0,155	<0,982
Fazuľa*	Č.Hrádok	2006/1735	0,305 ± 0,118	539 ± 28	<9,48	<0,954	<1,91
Fazuľa*	T.Lužany	2006/1764	<0,463	541 ± 28	<7,33	<0,856	<1,72
Mrkva	Č.Hrádok	2006/2051	<0,267	89,6 ± 4,9	<3,46	<0,475	<0,961
Mrkva	T.Lužany	2006/2079	<0,293	163 ± 8	<4,04	0,655 ± 0,204	<1,04

Poznámka: * Bq/kg sušenej vzorky

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	Levice	2006/1384	<0,259	45,4 ± 2,9	<2,48	<0,428	<0,909
Repa	Vráble	2006/1480	<0,256	56,7 ± 3,4	<2,18	<0,391	<0,913

OLEJNINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Zl.Moravce	2006/1123	<0,423	251 ± 13	6,65 ± 1,95	<0,677	<1,41
Repka	V.Ďur	2006/1124	<0,421	280 ± 15	<6,92	<0,645	<1,51
Slnečnica	Kozárovce	2006/1385	<0,387	236 ± 13	<5,16	<0,657	<1,40
Slnečnica	Nevidzany	2006/1386	<0,282	220 ± 12	<3,80	0,651 ± 0,219	<0,947

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ČAJOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	Č.Hrádok	2006/0806	<0,884	1320 ± 80	64,8 ± 6,1	<1,30	<2,86
Baza-kvet	Šándorhalm	2006/0805	0,539 ± 0,238	1410 ± 90	106 ± 8	1,32 ± 0,57	1,39 ± 0,94
Agát-kvet	V.Vozokany	2006/0807	0,391 ± 0,187	706 ± 44	57,8 ± 5,4	<1,32	<2,72
Agát-kvet	Kozárovce	2006/0808	0,552 ± 0,208	700 ± 44	59,8 ± 5,4	<1,22	<2,70
Šípky	Kozárovce	2006/1736	<0,452	385 ± 20	14,2 ± 2,5	0,759 ± 0,261	<1,60
Šípky	Tajná	2006/1737	<0,476	336 ± 18	9,93 ± 2,10	<0,753	<1,71

HRÍBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hliva	T.Lužany	2006/1898	<0,315	141 ± 8	<2,32	0,433 ± 0,171	<1,10

RYBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Podustva	V.Kozmálov	2006/0789	0,276 ± 0,080	96,5 ± 5,3	<5,40	0,726 ± 0,244	<1,04
Nosáľ	V.Kozmálovc	2006/1314	0,199 ± 0,057	98,3 ± 5,4	<2,90	<0,455	<1,03
Jalec	V.Kozmálov	2006/2027	0,230 ± 0,072	104 ± 6	<4,89	0,590 ± 0,192	<1,06

MÄSO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Bravčovina	Zbrojníky	2006/1897	<0,278	93,5 ± 5,1	<2,16	0,522 ± 0,163	<1,00
Repka	V.Ďur	2006/1124	<0,421	280 ± 15	<6,92	<0,645	<1,51
Slnečnica	Kozárovce	2006/1385	<0,387	236 ± 13	<5,16	<0,657	<1,40
Slnečnica	Nevidzany	2006/1386	<0,282	220 ± 12	<3,80	0,651 ± 0,219	<0,947

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{60}Co	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]					
V.rastliny	Kozárovce	2006/1335	<0,971	7,90 ± 0,64	610 ± 38	184 ± 14	33,8 ± 3,0	37,1 ± 6,5
V.rastliny	V.Kozmálovce	2006/1334	<0,989	6,54 ± 0,58	595 ± 37	95,9 ± 9,9	41,4 ± 3,7	35,3 ± 6,6
V.rastliny	V.Kozmálovce	2006/1734	1,31 ± 0,37	9,86 ± 0,67	553 ± 35	149 ± 12	77,3 ± 6,7	31,1 ± 6,0

Table 324 Specific activity of agricultural production samples, 2006

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

TRÁVNATÝ PORAST

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Tráva	Vráble	2007/1825	2,28 ± 0,31	530 ± 43	325 ± 28	3,67 ± 1,01	2,18 ± 0,92
Tráva	T.Mlýňany	2007/1824	1,05 ± 0,26	437 ± 38	285 ± 26	4,96 ± 1,12	<2,95
Tráva	T.Hrádok	2007/1822	1,19 ± 0,22	219 ± 17	392 ± 31	4,79 ± 0,90	4,52 ± 1,52
Tráva	N.Tekov	2007/1823	0,582 ± 0,155	153 ± 12	261 ± 21	2,35 ± 0,69	1,39 ± 0,81
Tráva	Mochovce	2007/1826	<0,713	562 ± 42	225 ± 18	2,23 ± 0,80	<2,57

KRMIVO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Ďatelina	Kozárovce	2007/0772	0,579 ± 0,224	1390 ± 100	75,2 ± 8,7	<1,84	<4,31
Ďatelina	Hr.Klačany	2007/0804	<1,07	1280 ± 90	63,5 ± 7,7	<1,49	<3,93
Jačmeň	Kozárovce	2007/1275	<0,397	190 ± 10	9,08 ± 2,03	<0,772	<1,42
Jačmeň	Vráble	2007/1276	<0,407	141 ± 8	<13,0	1,46 ± 0,40	<1,39
Pšenica	Kozárovce	2007/1277	0,140 ± 0,067	143 ± 8	<9,01	1,29 ± 0,32	<1,10
Pšenica	Vráble	2007/1278	<0,392	162 ± 9	<13,0	<0,779	<1,31
Kukurica	M.Kozmálovce	2007/1439	<0,352	121 ± 7	<3,79	<0,707	<1,20
Kukurica	M.Vozokany	2007/1478	<0,365	113 ± 6	<3,84	<0,723	<1,32
Ďatelina	M.Kozmálovce	2007/1723	<0,662	1060 ± 70	1,01 ± 0,83	2,26 ± 0,63	<2,49
Ďatelina	Kozárovce	2007/1899	0,353 ± 0,143	733 ± 46	235 ± 16	1,26 ± 0,65	1,95 ± 0,67

OVOCIE

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jahody	Volkovce	2007/0740	<0,266	66,5 ± 3,8	<2,27	0,545 ± 0,188	<0,936
Jahody	T.Lužany	2007/0788	<0,259	73,4 ± 4,1	<2,19	0,625 ± 0,187	<0,953
Čerešne	V.Ďur	2007/0805	<0,261	67,0 ± 3,8	<2,23	0,463 ± 0,184	<0,933
Čerešne	Č.Klačany	2007/0806	<0,276	75,5 ± 4,5	<2,30	0,422 ± 0,151	<0,977
Višne	Č.Hrádok	2007/0904	<0,254	66,6 ± 3,8	<3,31	<0,442	<0,922
Hrušky	Volkovce	2007/1338	0,174 ± 0,056	44,7 ± 2,8	<2,45	<0,503	<0,893
Hrušky	Tajná	2007/1437	0,092 ± 0,048	49,4 ± 3,0	<2,17	<0,484	<0,853
Jablká	T.Hrádok	2007/1440	0,109 ± 0,062	39,9 ± 2,6	<2,25	<0,501	<0,892
Jablká	Vráble	2007/1441	<0,253	34,6 ± 2,4	<2,25	<0,505	<0,881
Hrozno	Levice	2007/1438	<0,267	93,1 ± 5,0	<2,69	<0,524	<0,959
Hrozno	Č.Hrádok	2007/1442	0,153 ± 0,055	96,3 ± 5,2	1,80 ± 0,77	<0,548	<0,968

Table 325 Specific activity of agricultural production samples, 2007

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hrach*	Lúčnica n/Žit.	2007/1279	<0,442	356 ± 19	<12,5	<0,859	<1,51
Hrach*	Mochovce	2007/1280	0,465 ± 0,116	395 ± 21	<12,1	<0,817	<1,53
Paradajky	Č.Hrádok	2007/1301	0,213 ± 0,066	83,5 ± 4,5	<2,62	<0,478	<0,895
Paradajky	Levice	2007/1672	0,139 ± 0,055	59,4 ± 3,5	<3,22	<0,539	<0,921
Uhorky	T.Lužany	2007/1444	<0,277	82,5 ± 4,5	<2,42	<0,520	<0,938
Tekvica	St.Tekov	2007/1477	<0,266	65,7 ± 3,8	<2,69	<0,509	<0,909
Tekvica	T.Lužany	2007/1484	0,105 ± 0,048	80,5 ± 4,4	<2,53	<0,531	<0,955
Cuketa	Č.Hrádok	2007/1501	<0,259	58,6 ± 3,5	<3,05	<0,539	<0,904
Paprika	T.Lužany	2007/1485	<0,271	80,1 ± 4,4	<3,14	<0,519	<0,935
Paprika	Rybník	2007/1521	<0,259	79,0 ± 4,4	<3,09	0,728 ± 0,254	<0,952
Zemiaky	Krškany	2007/1476	0,186 ± 0,066	164 ± 8	<3,63	<0,566	<1,07
Zemiaky	T.Lužany	2007/2066	<0,265	172 ± 9	<3,41	1,56 ± 0,24	<1,02
Kapusta	H.Ohaj	2007/1624	0,193 ± 0,058	82,8 ± 4,6	<2,76	<0,535	<0,962
Kapusta	Č.Hrádok	2007/1625	0,205 ± 0,057	86,5 ± 4,7	<2,77	<0,527	<0,964
Mrkva	Rybník	2007/1740	<0,310	214 ± 11	<2,88	<0,580	<1,11
Mrkva	T.Lužany	2007/2048	<0,263	157 ± 8	<3,85	2,19 ± 0,26	<1,01
Petržlen	Rybník	2007/1741	<0,322	232 ± 12	<3,06	<0,631	<1,17
Petržlen	T.Lužany	2007/2049	<0,267	175 ± 9	<3,79	0,880 ± 0,217	<0,930
Fazuľa*	T.Lužany	2007/2052	<0,405	584 ± 30	<5,31	<0,760	<1,51
Fazuľa*	T.Hrádok	2007/2065	<0,362	449 ± 23	<4,17	<0,770	<1,37

Poznámka: * Bq/kg sušenej vzorky

OLEJNINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Zl.Moravce	2007/1273	<0,432	272 ± 14	<14,2	<0,807	<1,48
Repka	Kalná n/Hr.	2007/1274	<0,411	320 ± 17	<15,6	<0,793	<1,33
Slnečnica	Nemčiňany	2007/1337	0,444 ± 0,105	277 ± 15	4,49 ± 1,81	<0,827	<1,52
Slnečnica	Kozárovce	2007/1479	<0,392	210 ± 11	<7,05	<0,809	<1,32
Orechy	V.Ďur	2007/1671	<0,375	141 ± 8	<3,71	<0,745	<1,35
Orechy	T.Lužany	2007/2051	<0,295	144 ± 8	<4,66	0,957 ± 0,398	<1,09

ČAJOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	Šándorhalma	2007/0643	<0,930	1200 ± 70	49,6 ± 5,5	<1,53	<3,40
Baza-kvet	Č.Hrádok	2007/0646	<0,738	1060 ± 80	4,40 ± 1,24	<1,43	<2,94
Agát-kvet	Kozárovce	2007/0644	<0,782	720 ± 45	15,9 ± 3,1	<1,35	<2,93
Agát-kvet	V.Vozokany	2007/0645	<0,690	843 ± 52	63,2 ± 5,8	2,24 ± 0,57	<2,33
Šípky	Tajná	2007/1554	<0,416	346 ± 18	11,8 ± 3,0	1,25 ± 0,33	<1,50
Šípky	Mochovce	2007/1623	<0,395	434 ± 22	12,3 ± 2,7	1,08 ± 0,37	<1,50

Table 326 Specific activity of agricultural production samples, 2007

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

CUKROVÁ REPA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	V.Ďur	2007/1522	<0,253	69,7 ± 3,9	<3,17	<0,524	<0,947
Repa	Vráble	2007/1536	<0,250	35,3 ± 2,4	<2,86	<0,495	<0,894

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Vod. mach	V.Kozmálovce	2007/1335	4,32 ± 0,42	571 ± 36	82,7 ± 7,8	32,3 ± 2,9	23,8 ± 4,7
Vod. mach	Kozárovce	2007/1336	2,99 ± 0,38	534 ± 33	120 ± 10	36,8 ± 3,3	24,4 ± 4,6

HRÍBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Pôvabnica	N.Tekov	2007/1816	<0,275	103 ± 5	<2,45	<0,530	<0,976
Hliva	T.Lužany	2007/2050	<0,200	147 ± 7	<3,09	1,07 ± 0,17	<0,756

RYBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jalec	V.Kozmálovce	2007/0035	0,264 ± 0,070	98,6 ± 5,3	<4,33	<0,407	<0,929
Podustva	V.Kozmálovce	2007/1665	0,235 ± 0,069	92,2 ± 5,0	<5,40	<0,541	<0,965
Podustva	Kalná n/Hr.	2007/1670	0,382 ± 0,079	87,7 ± 4,8	<5,01	<0,544	<0,975
Nosáľ	V.Kozmálovce	2007/1893	0,248 ± 0,710	88,2 ± 4,8	<4,77	<0,532	<0,973

MÄSO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Bravčovina	Zbrojníky	2007/1842	0,208 ± 0,085	125 ± 7	<3,62	<0,538	<0,976

Table 327 Specific activity of agricultural production samples, 2007

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

TRÁVNATÝ PORAST

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Tráva	Vráble	2008/2115	0,218 ± 0,275	316 ± 43	512 ± 70	2,66 ± 1,26	<2,24
Tráva	T.Mlýňany	2008/2121	0,600 ± 0,316	376 ± 51	461 ± 63	4,99 ± 1,54	<2,28
Tráva	T.Hrádok	2008/2127	0,214 ± 0,228	210 ± 29	631 ± 86	2,32 ± 1,28	1,76 ± 2,12
Tráva	Mochovce	2008/2133	0,642 ± 0,309	422 ± 57	514 ± 71	2,02 ± 1,20	<2,35

KRMIVO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Ďatelina	Mochovce	2008/0655	1,11 ± 0,40	616 ± 71	27,6 ± 8,8	<1,26	<2,30
Ďatelina	Prílepy	2008/0656	0,572 ± 0,323	684 ± 78	45,9 ± 10,5	<1,22	<2,29
Pšenica	Č.Hrádok	2008/1202	<0,350	118 ± 12	<8,82	<0,816	<1,19
Pšenica	Zl.Moravce	2008/1203	<0,381	145 ± 14	<9,71	<0,758	<1,27
Jačmeň	Vráble	2008/1204	0,160 ± 0,151	133 ± 13	5,70 ± 3,92	<0,704	<1,27
Jačmeň	V.Ďur	2008/1205	<0,376	148 ± 15	10,3 ± 4,7	<0,741	<1,29
Kukurica	Č.Klačany	2008/1429	<0,376	111 ± 12	<4,65	<0,814	<1,33
Kukurica	Kozárovce	2008/1431	<0,380	130 ± 13	<4,74	<0,778	<1,34
Ďatelina	Mochovce	2008/1711	0,521 ± 0,326	1030 ± 120	136 ± 17	1,75 ± 1,14	2,64 ± 2,63
Ďatelina	Prílepy	2008/1712	0,915 ± 0,346	369 ± 43	163 ± 20	2,07 ± 1,04	<2,21

OVOCIE

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Jahody	Rybník	2008/0826	<0,284	43,4 ± 5,3	<4,45	<0,524	<0,971
Jahody	Volkovce	2008/0842	<0,280	58,8 ± 6,5	<4,30	<0,536	<0,927
Čerešne	V.Ďur	2008/0875	<0,278	57,2 ± 6,3	<3,93	<0,517	<0,967
Čerešne	Č.Klačany	2008/0876	0,102 ± 0,116	55,7 ± 6,3	<3,87	<0,533	<0,951
Višne	Č.Hrádok	2008/1009	<0,273	45,3 ± 5,4	<3,42	<0,455	<0,952
Marhule	Levice	2008/1078	<0,267	78,4 ± 7,9	<3,36	<0,532	<0,972
Marhule	Č.Hrádok	2008/1079	<0,206	88,9 ± 8,1	2,78 ± 1,35	<0,456	<0,735
Broskyne	T.Lužany	2008/1208	<0,256	47,3 ± 5,4	1,65 ± 1,52	<0,495	<0,909
Broskyne	Levice	2008/1251	0,104 ± 0,086	70,6 ± 7,2	<2,53	<0,527	<0,926
Slivky	Levice	2008/1230	<0,268	71,1 ± 7,2	<2,82	<0,513	<0,924
Slivky	Č.Hrádok	2008/1425	<0,262	64,3 ± 6,7	<2,00	<0,511	<0,934
Hrušky	Tajná	2008/1547	<0,252	52,1 ± 5,8	<2,10	<0,499	<0,913
Hrušky	Volkovce	2008/1549	0,108 ± 0,101	38,8 ± 4,8	<2,14	<0,504	<0,884
Jablká	Vráble	2008/1548	0,111 ± 0,096	40,0 ± 4,9	<2,06	<0,504	<0,897
Jablká	Rybník	2008/1566	0,101 ± 0,086	53,7 ± 6,0	1,30 ± 1,05	<0,506	<0,915
Hrozno	Levice	2008/1565	<0,275	102 ± 10	3,48 ± 1,36	<0,562	<0,973
Hrozno	Č.Hrádok	2008/1567	<0,257	78,3 ± 7,8	<2,23	<0,516	<0,937

Table 328 Specific activity of agricultural production samples, 2008

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

ZELENINA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Uhorky	Tehla	2008/1114	<0,263	53,3 ± 5,9	<2,63	<0,520	<0,918
Uhorky	Levice	2008/1166	<0,258	71,5 ± 7,2	<2,57	<0,505	<0,926
Paprika	Rybník	2008/1264	<0,276	114 ± 11	<2,54	<0,526	<0,969
Paprika	T.Lužany	2008/1426	<0,261	90,4 ± 8,7	<1,96	<0,524	<0,967
Paradajky	Volkovce	2008/1265	<0,260	57,6 ± 6,2	<2,40	<0,490	<0,897
Paradajky	T.Lužany	2008/1427	<0,278	83,4 ± 8,2	<2,15	<0,581	<0,965
Hrach*	Levice	2008/1266	0,358 ± 0,239	346 ± 32	<7,46	<0,834	<1,58
Hrach*	Lúčnica n/Ž.	2008/1267	<0,415	348 ± 32	<8,98	<0,802	<1,53
Fazuľa*	T.Hrádok	2008/1707	<0,489	505 ± 46	<3,56	1,09 ± 0,68	<1,81
Fazuľa*	T.Lužany	2008/1708	<0,521	625 ± 56	<3,84	0,835 ± 0,811	<1,94
Zemiaky	Č.Hrádok	2008/2092	<0,260	163 ± 14	<4,85	1,85 ± 0,48	<0,965
Zemiaky	Volkovce	2008/2096	<0,266	165 ± 15	<4,76	1,65 ± 0,46	<0,964
Mrkva	Č.Hrádok	2008/2094	<0,288	111 ± 10	<5,16	1,05 ± 0,49	<1,05
Mrkva	Volkovce	2008/2095	<0,235	166 ± 14	<4,36	<0,497	<0,870
Kapusta	T.Lužany	2008/2109	<0,225	63,3 ± 6,2	<4,31	<0,531	<0,810

Poznámka: * Bq/kg sušenej vzorky

OLEJNINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Repka	Mochovce	2008/1206	<0,426	265 ± 25	<8,06	<0,777	<1,53
Repka	Nemčiňany	2008/1207	<0,409	255 ± 24	<6,31	<0,776	<1,44
Slnečnica	N.Ves n/Ž	2008/1428	<0,423	251 ± 24	3,87 ± 2,71	<0,888	<1,45
Slnečnica	Zl.Moravce	2008/1430	<0,401	240 ± 23	<5,54	<0,802	<1,39
Orechy	Levice	2008/1709	<0,383	165 ± 16	<3,57	<0,757	<1,42
Orechy	T.Lužany	2008/1710	<0,382	155 ± 15	<4,23	0,994 ± 0,595	<1,29

ČAJOVINY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Baza-kvet	Šándorhalma	2008/0712	<0,719	1010 ± 110	130 ± 19	<1,36	<2,57
Baza-kvet	Č.Hrádok	2008/0713	<0,700	1070 ± 120	99,2 ± 15,5	<1,39	<2,62
Agát-kvet	Kozárovce	2008/0790	<0,607	557 ± 64	36,4 ± 8,4	<1,24	<2,25
Agát-kvet	Nevidzany	2008/0791	0,371 ± 0,226	599 ± 68	32,4 ± 8,3	<1,08	<1,99
Šípky	Mochovce	2008/1933	0,197 ± 0,194	367 ± 34	25,2 ± 4,8	1,04 ± 0,63	<1,61
Šípky	Tajná	2008/1934	0,329 ± 0,212	326 ± 30	12,1 ± 3,7	1,65 ± 0,62	<1,49

Table 329 Specific activity of agricultural production samples, 2008

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

(gamaspektrometria)

KŔMNA REPA

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Repa	Č.Hrádok	2008/2093	<0,284	76,8 ± 7,8	<4,87	<0,476	<0,947
Repa	T.Lužany	2008/2108	<0,308	185 ± 16	<5,11	0,763 ± 0,461	<1,14

VODNÉ RASTLINY - HRON

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg sušenej vzorky]				
Vod. mach	V.Kozmálovce	2008/1231	5,95 ± 1,02	637 ± 73	138 ± 21	55,9 ± 9,0	37,7 ± 13,4
Vod. mach	Kozárovce	2008/1232	4,84 ± 0,69	671 ± 77	175 ± 25	42,3 ± 6,9	30,5 ± 10,7
Vod. mach	V.Kozmálovce	2008/1591	7,07 ± 1,07	523 ± 61	91,8 ± 13,9	35,1 ± 5,8	34,2 ± 11,9

HRÍBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Hliva	T.Lužany	2008/1768	<0,274	105 ± 10	<2,07	<0,487	<0,966
Pôvabnica	T.Hrádok	2008/2110	<0,297	147 ± 13	2,62 ± 2,54	<0,576	<1,08

RYBY

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Nosáľ	V.Kozmálovce	2008/1080	<0,290	98,1 ± 9,4	<5,01	0,443 ± 0,445	<1,00
Nosáľ	V.Kozmálovce	2008/1496	<0,266	96,1 ± 9,1	<3,47	<0,540	<0,955
Pleskáč	V.Kozmálovce	2008/1585	<0,287	91,5 ± 8,9	<3,67	<0,565	<1,01
Nosáľ	V.Kozmálovce	2008/1777	0,278 ± 0,144	95,0 ± 9,0	<3,07	<0,475	<0,973
Podustva	V.Kozmálovce	2008/1950	0,231 ± 0,156	113 ± 11	<3,03	<0,520	<0,984

MÄSO

Druh	Lokalita	Rádionuklid / Ev. č. prot.	^{137}Cs	^{40}K	^{7}Be	U - rad	Th - rad
			[Bq/kg surovej vzorky]				
Bravčovina	V.Dur	2008/1778	0,135 ± 0,127	89,8 ± 8,7	<3,06	<0,562	<0,961

Table 330 Specific activity of agricultural production samples, 2008

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr [mBq/kg]		
Fazula	Červený Hrádok	**2005/1627**	371	±	43
Zemiaky	Starý Tekov	**2005/1584**	67	±	10
Paprika	Tekovské Lužany	**2005/1417**	40	±	5
Hrušky	Volkovce	**2005/1586**	49	±	7
Uhorky	Horná Seč	**2005/1185**	91	±	12
Jablká	Malé Kozmálovce	**2005/1578**	23	±	3
Cuketa	Červený Hrádok	**2005/1184**	54	±	7
Kapusta	Zlaté Moravce	**2005/1606**	135	±	16
Hrach	Kalná n. Hronom	**2005/1103**	194	±	27
Pšenica	Vráble	**2005/1108**	221	±	27
Mrkva	Čierne Kľačany	**2005/1587**	160	±	19
Slnečnica	Zlaté Moravce	**2005/1582**	445	±	61
Repka olejka	Zlaté Moravce	**2005/1107**	1457	±	160
Jačmeň	V.Ďúr	**2005/1105**	202	±	25
Kukurica	Malé Kozmálovce	**2005/1588**	84	±	13
Cukrová repa	Horná Seč	**2005/1577**	143	±	18
Mäso	Zbrojníky	**2005/2118**	29	±	4
Ryby	Velké Kozmálovce	**2005/1774**	193	±	21

Table 331 Specific activity of agricultural production samples, 2005

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr [mBq/kg]		
Tekovské Lužany	Paprika	**2006/1346**	58	±	7
Volkovce	Zemiaky	**2006/1345**	133	±	18
Nemčiňany	Slivky	**2006/1342**	104	±	12
Tajná	Hrušky	**2006/1590**	54	±	7
Tekovské Lužany	Uhorky	**2006/1347**	48	±	6
Malé Kozmálovce	Jablká	**2006/1602**	66	±	8
Červený Hrádok	Cuketa	**2006/1341**	51	±	6
Starý Hrádok	Kapusta	**2006/1606**	80	±	9
Čifáre	Kukurica	**2006/1589**	107	±	13
Zlaté Moravce	Pšenica	**2006/1121**	248	±	26
Tekovské Lužany	Fazuľa	**2006/1764**	183	±	23
Kozárovce	Slnečnica	**2006/1385**	258	±	30
V.Ďúr - Rohožnica	Repka olejka	**2006/1124**	959	±	119
Kozárovce	Jačmeň	**2006/1120**	224	±	28
Vráble	Hrach	**2006/1125**	242	±	33
Levice	Cukrová repa	**2006/1384**	50	±	7
Zbrojníky	M ä s o	**2006/1897**	73	±	8
Velké Kozmálovce	R y b y	**2006/789**	196	±	22

Table 332 Specific activity of agricultural production samples, 2006

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr [mBq/kg]		
Tekovské Lužany	Paprika	**2007/1485**	37	±	5
Krškany	Zemiaky	**2007/1476**	25	±	3
Malé Kozmálovce	Kukurica	**2007/1439**	52	±	9
Volkovce	Hrušky	**2007/1338**	25	±	3
Tekovské Lužany	Uhorky	**2007/1444**	55	±	8
Vráble	Jablká	**2007/1441**	30	±	4
Červený Hrádok	Cuketa	**2007/1501**	57	±	7
Horný Ohaj	Kapusta	**2007/1624**	67	±	11
Lúčnica	Hrach	**2007/1279**	182	±	23
Vráble	Pšenica	**2007/1278**	398	±	41
Rybník	Mrkva	**2007/1740**	381	±	36
Kozárovce	Slnečnica	**2007/1479**	559	±	82
Kalná n/Hronom	Repka olejka	**2007/1274**	109	±	13
Kozárovce	Jačmeň	**2007/1275**	58	±	7
Starý Tekov	Tekvica	**2007/1477**	194	±	21
Veľký Ďúr	Cukrová repa	**2007/1522**	37	±	5
Zbrojníky	M ä s o	**2007/1842**	37	±	5
Velké Kozmálovce	R y b y	**2007/1893**	170	±	20

Table 333 Specific activity of agricultural production samples, 2007

HMOTNOSTNÁ AKTIVITA VZORIEK POĽNOHOSPODÁRSKEJ VÝROBY

rádiochémia: ^{90}Sr

Druh	Lokalita	Evid.č.prot.	90Sr [mBq/kg]		
Tekovské Lužany	Paprika	**2008/1426**	56	±	5
Červený Hrádok	Zemiaky	**2008/2092**	57	±	5
Levice	Slivky	**2008/1230**	<50		
Volkovce	Hrušky	**2008/1549**	68	±	6
Tehla	Uhorky	**2008/1114**	65	±	6
Vráble	Jablká	**2008/1548**	<50		
EMO Mochovce	Šípky	**2008/1933**	1021	±	92
Tekovské Lužany	Kapusta	**2008/2109**	63	±	6
Lúčnica nad Žitavou	Hrach	**2008/1267**	210	±	19
Z.Moravce	Pšenica	**2008/1203**	272	±	25
Červený Hrádok	Mrkva	**2008/2094**	209	±	19
Vieska nad Žitavou	Slnečnica	**2008/1428**	362	±	33
EMO Mochovce	Repka olejka	**2008/1206**	860	±	77
Vráble	Jačmeň	**2008/1204**	130	±	12
Č.Kľačany	Kukurica	**2008/1429**	52	±	5
Červený Hrádok	Repa	**2008/2093**	143	±	13
V.Ďur	M ä s o	**2008/1778**	<50		
Velké Kozmálovce	R y b y	**2008/1080**	187	±	17

Table 334 Specific activity of agricultural production samples, 2008

ALFASPEKTROMETRIA
(vybrané vzorky)

Pôda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
EMO Horáreň	146/2005	0,352 ± 0,088	0,069 ± 0,045	0,077 ± 0,055
EMO ZS	145/2005	0,308 ± 0,071	0,058 ± 0,034	0,087 ± 0,059

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Kalná n/Hr.-Hron	150/2005	0,0016 ± 0,0003	<0,0002	0,0006 ± 0,0002
Čifáre rybník	149/2005	0,0005 ± 0,0002	<0,0002	0,0009 ± 0,0003
N. Tekov - č.d. 96	148/2005	0,0016 ± 0,0004	0,0004 ± 0,0002	0,0019 ± 0,0004

Sediment

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Kalná n/Hr.-elektráreň	147/2005	0,092 ± 0,048	<0,0002	0,079 ± 0,059

Table 335 Alpha spectrometry of selected samples, 2005

ALFASPEKTROMETRIA
(vybrané vzorky)

Pôda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
EMO Horáreň	1340/2006	0,289 ± 0,088	0,068 ± 0,049	0,077 ± 0,055
EMO ZS	1339/2006	0,276 ± 0,087	0,056 ± 0,049	0,069 ± 0,052

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Kalná n/Hr.-Hron	1271/2006	0,0012 ± 0,0003	<0,0002	0,0005 ± 0,0002
Čifáre rybník	1293/2006	0,0007 ± 0,0002	<0,0002	0,0006 ± 0,0002
Starý Tekov	1267/2006	0,0015 ± 0,0003	0,0004 ± 0,0001	0,001 ± 0,0003

Sediment

Rádionuklid / Lokalita	Evid. číslo protokolu	^{239,240}PU [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Kalná n/Hr.-elektráreň	1318/2006	0,117 ± 0,061	<0,0002	0,062 ± 0,054

Table 336 Alpha spectrometry of selected samples, 2006

ALFASPEKTROMETRIA
(vybrané vzorky)

Pôda

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
EMO Horáreň	492/2007	0,101 ± 0,050	<0,00008	0,081 ± 0,046
EMO ZS	491/2007	0,120 ± 0,052	<0,00008	0,159 ± 0,088

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/dm^3]	^{238}PU [Bq/dm^3]	^{241}AM [Bq/dm^3]
Kalná n/Hr.-Hron	495/2007	<0,00008	<0,00008	<0,00008
Čifáre rybník	496/2007	0,00014 ± 0,00009	<0,00008	0,00066 ± 0,00047
Starý Tekov	494/2007	0,00015 ± 0,00010	<0,00008	0,00059 ± 0,00042

Sediment

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Nový Tekov -elektráreň	493/2007	0,060 ± 0,048	<0,00008	0,092 ± 0,059

Table 337 Alpha spectrometry of selected samples, 2007

ALFASPEKTROMETRIA
(vybrané vzorky)

Pôda

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
EMO Horáreň	1334/2008	0,46 ± 0,19	<0,085	<0,085
EMO ZS	1433/2008	0,26 ± 0,12	<0,085	<0,085

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/dm^3]	^{238}PU [Bq/dm^3]	^{241}AM [Bq/dm^3]
Kalná n/Hr.-Hron	1440/2008	0,0010 ± 0,0004	<0,0002	0,0004 ± 0,0003
Čifáre rybník	1441/2008	0,0006 ± 0,0003	<0,0002	0,0003 ± 0,0002
Starý Tekov	1439/2008	0,0013 ± 0,0004	<0,0002	0,0009 ± 0,0004

Sediment

Rádionuklid / Lokalita	Evid. číslo protokolu	$^{239,240}PU$ [Bq/kg]	^{238}PU [Bq/kg]	^{241}AM [Bq/kg]
Nový Tekov -elektráreň	1432/2008	0,190 ± 0,08	<0,085	<0,085

Table 338 Alpha spectrometry of selected samples, 2008

BETA ANALÝZA ^{14}C
(vybrané vzorky)

Poľnohospodárske produkty

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
Kalná n/Hr.- pšenica	154/2005	2,19 ± 0,31
Telince - jačmeň	155/2005	2,88 ± 0,40
Č. Hrádok - jačmeň	156/2005	3,23 ± 0,45

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/dm^3]
Kalná n/Hr.- elektráreň	151/2005	<1,0

Mlieko

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
T. Hrádok	152/2005	<1,0
T. Hrádok	153/2005	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 339 ^{14}C activity in selected samples, 2005

BETA ANALÝZA ^{14}C
(vybrané vzorky)

Poľnohospodárske produkty

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
N. Tekov - hrach	1126/2006	2,13 ± 0,3
Vráble - pšenica	1122/2006	2,15 ± 0,30
V.Ďúr (Rohožnica)- jačmeň	1119/2006	2,58 ± 0,36

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/dm^3]
Kalná n/Hr.- elektráreň	1317/2006	<1,0

Mlieko

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
T. Hrádok (7 mesiac)	1349/2006	<1,0
T. Hrádok (8 mesiac)	1350/2006	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 340 ^{14}C activity in selected samples, 2006

BETA ANALÝZA ^{14}C
(vybrané vzorky)

Poľnohospodárské produkty

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
EMO okolie - hrach	500/2007	<2,0
Zlaté Moravce - pšenica	498/2007	2,52 ± 0,35
Kalná n/ Hronom - jačmeň	499/2007	2,78 ± 0,39

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/dm^3]
Nový Tekov - elektráreň	497/2007	<1,0

Mlieko

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
T. Hrádok (5 mesiac)	501/2007	<1,0
T. Hrádok (6 mesiac)	502/2007	<1,0

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 341 ^{14}C activity in selected samples, 2007

BETA ANALÝZA ^{14}C
(vybrané vzorky)

Vodné rastliny a poľnohospodárské produkty

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
Hron - vodné rastliny	1437/2008	1,280 ± 0,015
Veľký Ďur - pšenica	1436/2008	0,287 ± 0,072
Nevidzany - jačmeň	1435/2008	0,314 ± 0,072

Voda

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/dm^3]
Nový Tekov - elektráreň	1438/2008	<0,05

Mlieko

Rádionuklid / Lokalita	Evid. číslo protokolu	^{14}C [Bq/kg]
T. Hrádok (7 mesiac)	1442/2008	0,330 ± 0,014
T. Hrádok (8 mesiac)	1443/2008	1,260 ± 0,150

Poznámky: výsledky sú udávané s rozšírenou neistotou (k=2), čísla protokolov sú uvedené od dodávateľa analýz

Table 342 ^{14}C activity in selected samples, 2008

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	77 ± 6	87 ± 7	57 ± 7	73 ± 7	70 ± 6	69 ± 6	68 ± 6	71 ± 8	64 ± 5	70 ± 7	76 ± 6	74 ± 8
RÚ RAO 2	89 ± 7	92 ± 8	64 ± 7	80 ± 7	79 ± 6	75 ± 6	75 ± 6	85 ± 9	75 ± 6	83 ± 8	89 ± 6	94 ± 9
RÚ RAO 3	86 ± 6	88 ± 8	69 ± 7	85 ± 8	74 ± 6	79 ± 6	74 ± 6	80 ± 8	74 ± 6	75 ± 7	84 ± 6	98 ± 10
RÚ RAO 4	85 ± 6	94 ± 8	66 ± 7	91 ± 8	79 ± 6	81 ± 7	75 ± 6	88 ± 9	74 ± 6	85 ± 8	87 ± 6	115 ± 11
RÚ RAO SDS	54 ± 5	79 ± 7	70 ± 8	80 ± 7	81 ± 7	73 ± 6	79 ± 6	82 ± 8	81 ± 6	80 ± 7	95 ± 7	88 ± 9
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

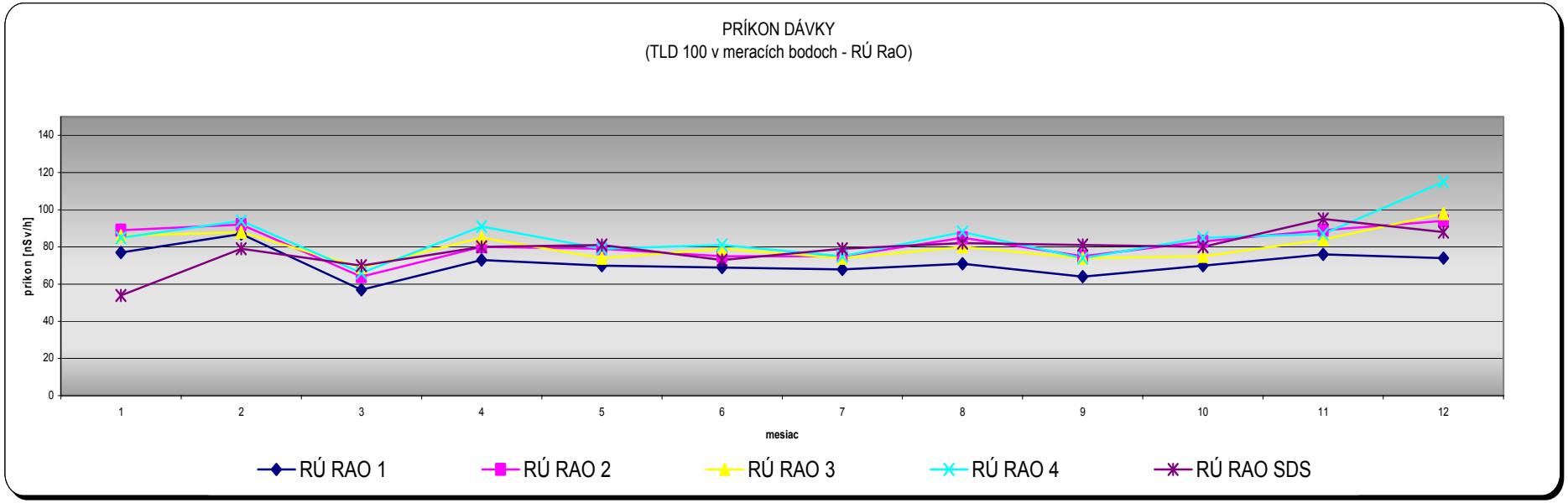


Table 343 Dose rate at RR RAW measured by TLD 100, 2005

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	65 ± 6	46 ± 6	67 ± 5	75 ± 6	67 ± 6	74 ± 5	65 ± 5	75 ± 6	75 ± 5	79 ± 7	72 ± 6	82 ± 7
RÚ RAO 2	75 ± 6	53 ± 6	78 ± 6	86 ± 7	85 ± 7	80 ± 6	73 ± 5	85 ± 7	90 ± 6	93 ± 8	86 ± 7	104 ± 8
RÚ RAO 3	74 ± 6	56 ± 6	77 ± 6	76 ± 6	85 ± 7	74 ± 5	73 ± 5	79 ± 6	84 ± 6	90 ± 8	80 ± 6	90 ± 8
RÚ RAO 4	78 ± 6	73 ± 7	85 ± 6	85 ± 7	90 ± 8	77 ± 6	73 ± 5	87 ± 7	82 ± 6	96 ± 8	84 ± 6	102 ± 8
RÚ RAO SDS	90 ± 7	56 ± 6	93 ± 7	76 ± 6	92 ± 8	71 ± 5	80 ± 6	78 ± 6	94 ± 6	89 ± 8	86 ± 7	90 ± 8
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	36

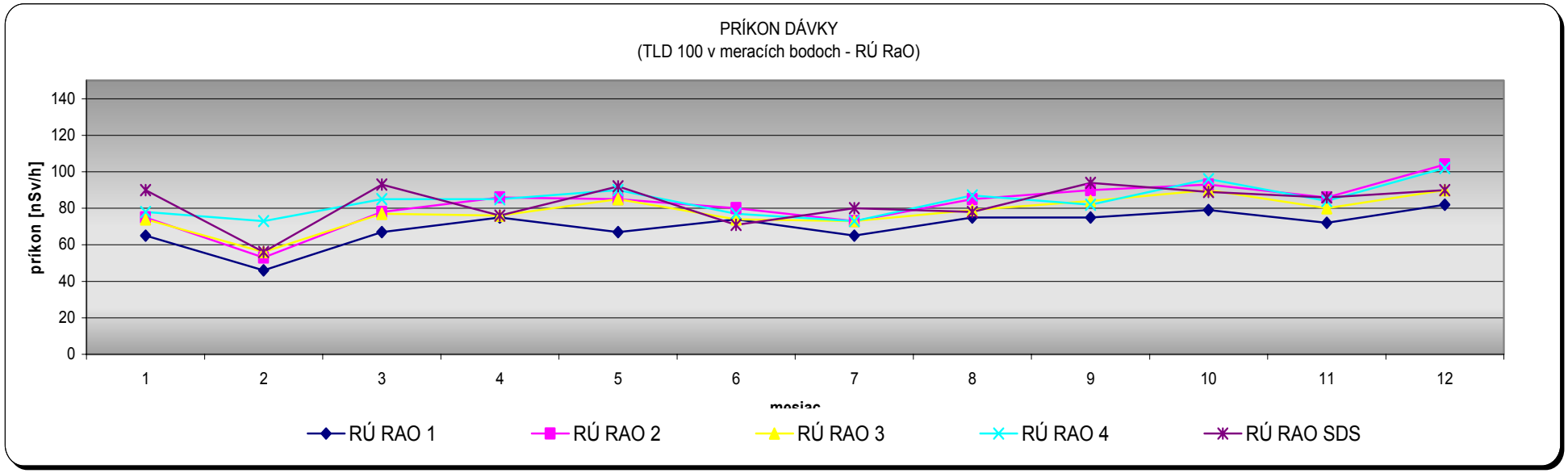


Table 344 Dose rate at RR RAW measured by TLD 100 ,2006

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	80 ± 6	89 ± 7	62 ± 6	77 ± 6	72 ± 6	71 ± 6	71 ± 5	72 ± 6	79 ± 6	87 ± 7	95 ± 8	95 ± 7
RÚ RAO 2	93 ± 7	98 ± 8	82 ± 7	88 ± 7	79 ± 6	79 ± 6	74 ± 6	84 ± 7	93 ± 7	98 ± 7	112 ± 9	114 ± 8
RÚ RAO 3	87 ± 6	90 ± 7	67 ± 6	80 ± 6	76 ± 6	72 ± 6	74 ± 6	78 ± 6	89 ± 7	94 ± 7	100 ± 9	91 ± 6
RÚ RAO 4	88 ± 7	98 ± 8	74 ± 6	86 ± 7	80 ± 6	80 ± 6	77 ± 6	88 ± 7	90 ± 7	96 ± 7	114 ± 9	103 ± 7
RÚ RAO SDS	95 ± 7	89 ± 7	78 ± 6	82 ± 6	83 ± 7	79 ± 6	81 ± 6	78 ± 6	92 ± 7	90 ± 7	113 ± 9	88 ± 6
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

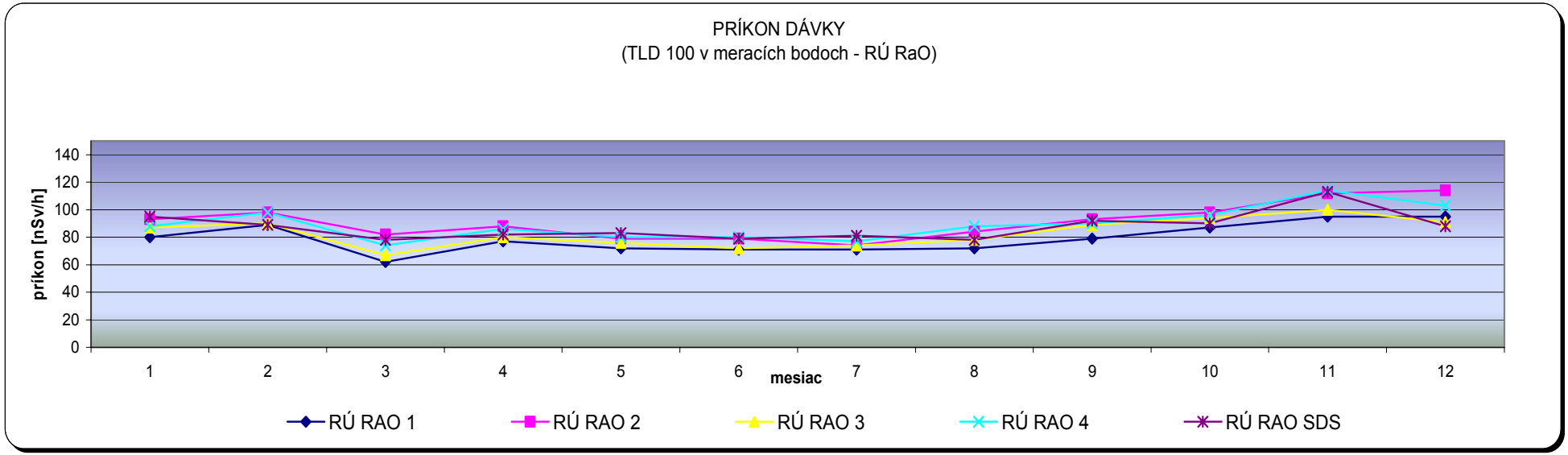


Table 345 Dose rate at RR RAW measured by TLD 100, 2007

PRÍKON DÁVKY

(TLD 100 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	89 ± 14	89 ± 13	75 ± 15	85 ± 15	81 ± 12	80 ± 12	78 ± 12	88 ± 13	77 ± 13	92 ± 14	81 ± 12	94 ± 17
RÚ RAO 2	105 ± 16	100 ± 14	85 ± 16	97 ± 17	86 ± 13	95 ± 14	81 ± 13	101 ± 14	92 ± 14	101 ± 15	97 ± 14	107 ± 18
RÚ RAO 3	95 ± 15	86 ± 13	80 ± 16	90 ± 16	82 ± 12	84 ± 13	84 ± 13	96 ± 14	92 ± 14	95 ± 14	91 ± 13	101 ± 18
RÚ RAO 4	101 ± 15	98 ± 14	85 ± 16	96 ± 17	87 ± 13	89 ± 13	83 ± 13	102 ± 14	95 ± 15	103 ± 15	91 ± 13	106 ± 18
RÚ RAO SDS	99 ± 15	84 ± 13	93 ± 17	90 ± 16	87 ± 13	80 ± 12	83 ± 13	95 ± 14	94 ± 15	92 ± 14	94 ± 13	97 ± 17
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

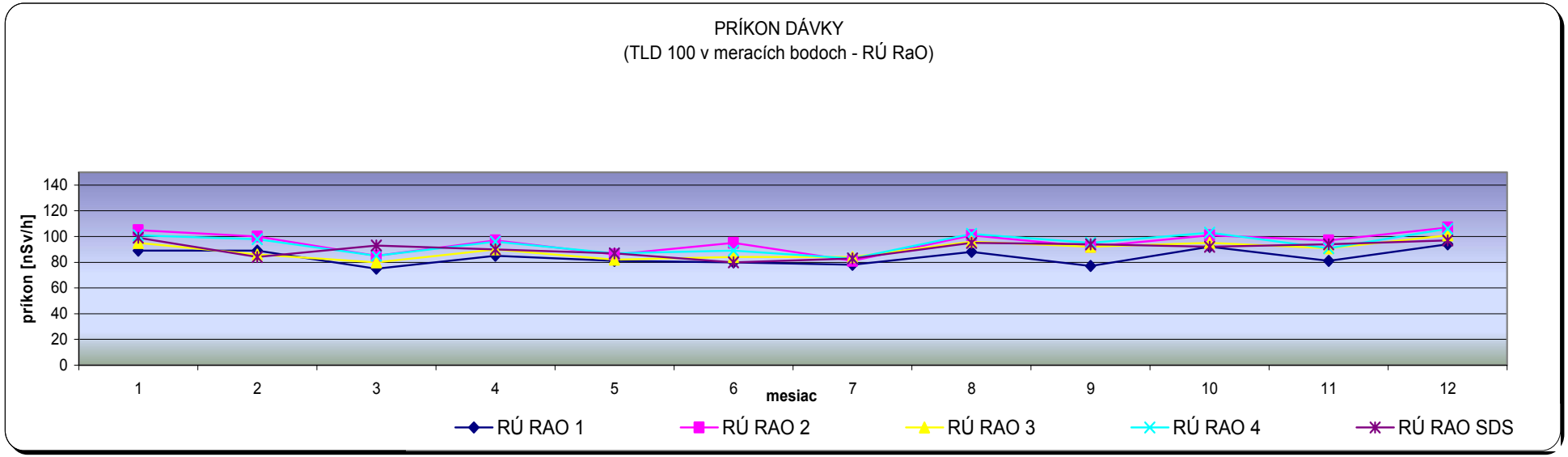


Table 346 Dose rate at RR RAW measured by TLD 100, 2008

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	85 ± 5	73 ± 4	67 ± 4	75 ± 5	80 ± 4	72 ± 4	75 ± 4	75 ± 4	76 ± 4	78 ± 5	85 ± 5	76 ± 5
RÚ RAO 2	95 ± 5	80 ± 5	72 ± 4	84 ± 5	86 ± 5	77 ± 4	83 ± 5	84 ± 5	86 ± 5	89 ± 5	95 ± 5	84 ± 5
RÚ RAO 3	91 ± 5	76 ± 4	71 ± 4	80 ± 5	86 ± 5	75 ± 4	81 ± 5	80 ± 4	82 ± 5	83 ± 5	92 ± 5	80 ± 5
RÚ RAO 4	91 ± 5	85 ± 5	74 ± 4	87 ± 5	86 ± 5	80 ± 5	81 ± 5	85 ± 5	83 ± 5	90 ± 5	94 ± 5	90 ± 5
RÚ RAO SDS	55 ± 4	76 ± 4	68 ± 4	78 ± 5	75 ± 4	70 ± 4	71 ± 4	77 ± 4	77 ± 4	83 ± 5	87 ± 5	79 ± 5
Doba expozície [dni]	37	28	35	27	27	31	28	33	34	28	30	20

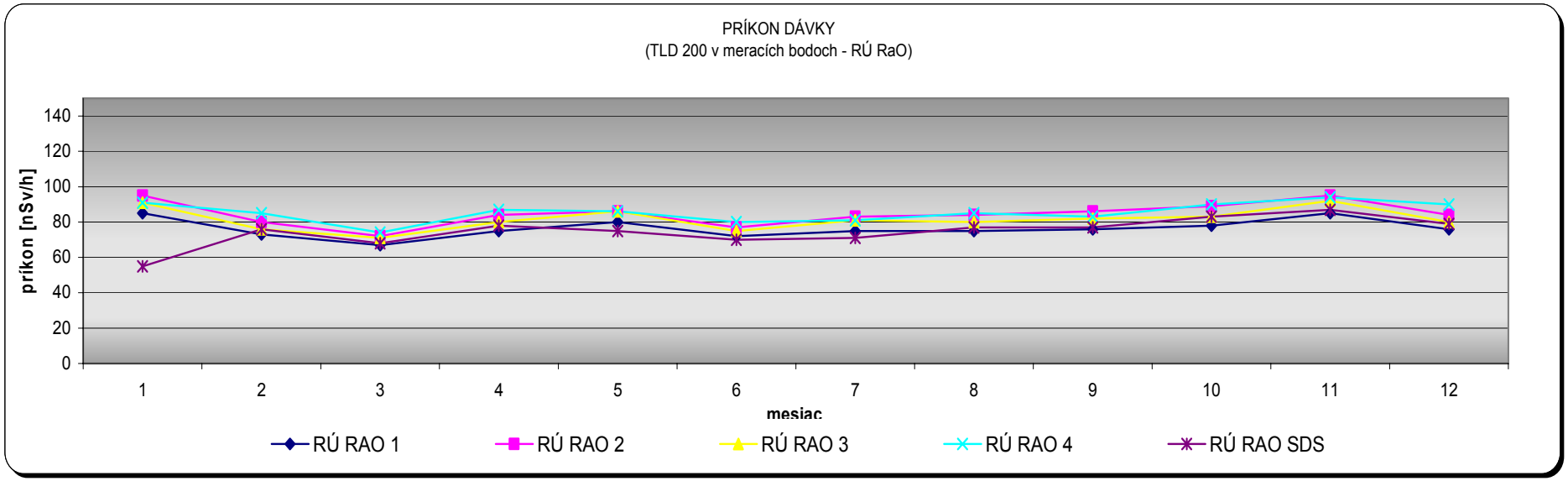


Table 347 Dose rate at RR RAW measured by TLD 200, 2005

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	73 ± 4	57 ± 4	73 ± 4	77 ± 4	85 ± 5	72 ± 4	68 ± 4	84 ± 5	83 ± 5	88 ± 5	85 ± 5	93 ± 5
RÚ RAO 2	79 ± 4	62 ± 4	79 ± 4	85 ± 5	94 ± 5	78 ± 4	73 ± 4	90 ± 5	93 ± 5	98 ± 5	96 ± 5	103 ± 5
RÚ RAO 3	80 ± 4	60 ± 4	81 ± 4	78 ± 4	92 ± 5	75 ± 4	75 ± 4	84 ± 5	90 ± 5	93 ± 5	93 ± 5	95 ± 5
RÚ RAO 4	83 ± 4	72 ± 4	88 ± 5	87 ± 5	94 ± 5	82 ± 4	74 ± 4	92 ± 5	91 ± 5	99 ± 5	94 ± 5	106 ± 6
RÚ RAO SDS	78 ± 4	66 ± 4	82 ± 5	77 ± 4	81 ± 5	70 ± 4	66 ± 4	81 ± 5	84 ± 5	92 ± 5	87 ± 5	97 ± 5
Doba expozície [dni]	42	30	33	29	27	34	26	32	33	28	31	36

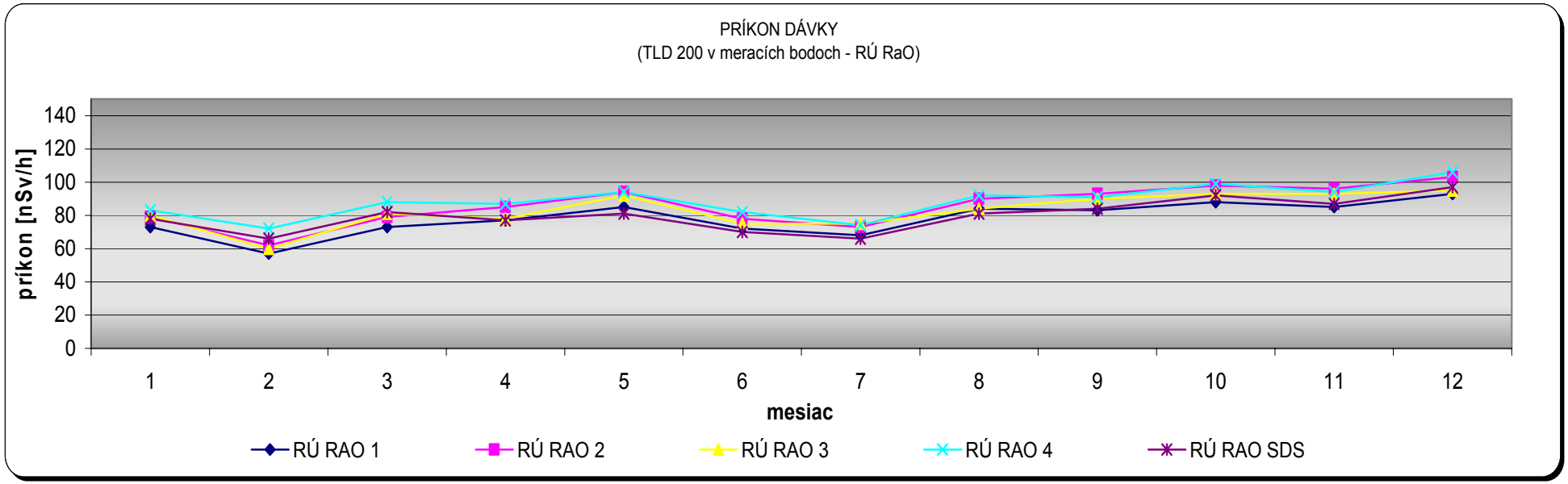


Table 348 Dose rate at RR RAW measured by TLD 200, 2006

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	88 ± 5	86 ± 5	84 ± 4	80 ± 4	80 ± 4	76 ± 4	77 ± 4	82 ± 5	85 ± 5	89 ± 5	93 ± 5	94 ± 5
RÚ RAO 2	98 ± 5	95 ± 5	92 ± 5	87 ± 5	87 ± 5	83 ± 5	82 ± 4	88 ± 5	94 ± 5	100 ± 5	109 ± 6	119 ± 6
RÚ RAO 3	95 ± 5	87 ± 5	85 ± 5	82 ± 4	83 ± 4	79 ± 5	83 ± 4	86 ± 5	95 ± 5	96 ± 5	103 ± 5	97 ± 5
RÚ RAO 4	95 ± 5	96 ± 5	86 ± 5	90 ± 5	86 ± 5	86 ± 5	84 ± 5	93 ± 5	93 ± 5	100 ± 5	103 ± 5	107 ± 6
RÚ RAO SDS	89 ± 5	89 ± 5	89 ± 5	82 ± 4	74 ± 4	74 ± 4	71 ± 4	80 ± 4	85 ± 5	93 ± 5	94 ± 5	99 ± 5
Doba expozície [dni]	35	29	34	27	28	30	33	28	36	29	26	29

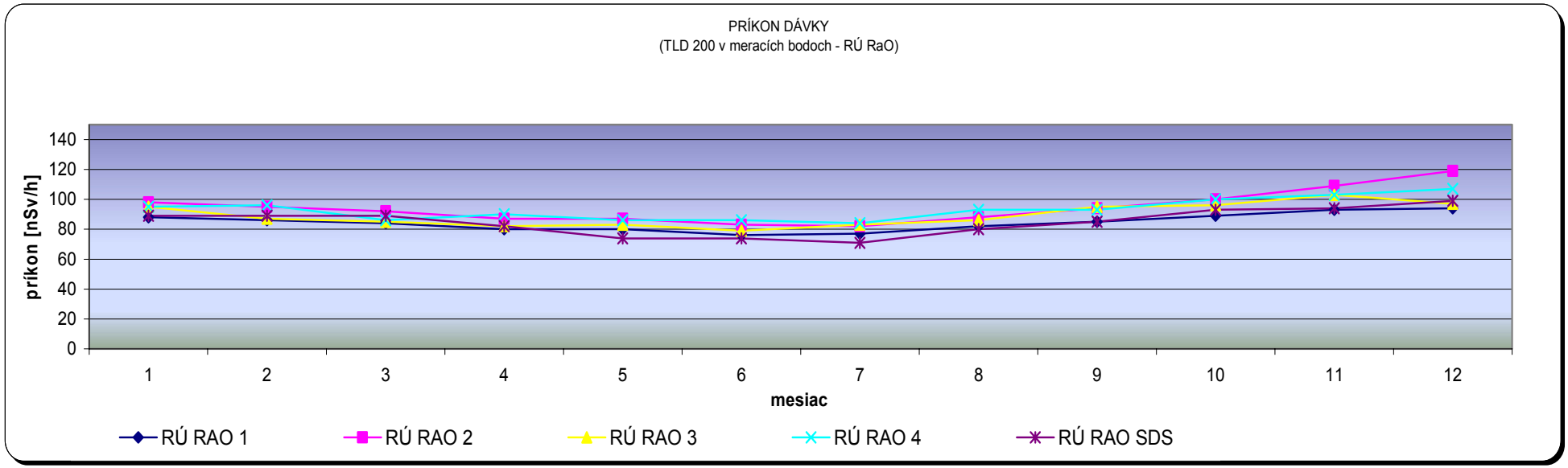


Table 349 Dose rate at RR RAW measured by TLD 200, 2007

PRÍKON DÁVKY

(TLD 200 v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január [nSv/h]	Február [nSv/h]	Marec [nSv/h]	Apríl [nSv/h]	Máj [nSv/h]	Jún [nSv/h]	Júl [nSv/h]	August [nSv/h]	September [nSv/h]	Október [nSv/h]	November [nSv/h]	December [nSv/h]
RÚ RAO 1	94 ± 10	87 ± 9	90 ± 10	83 ± 9	84 ± 9	79 ± 9	77 ± 8	81 ± 9	89 ± 10	87 ± 9	83 ± 9	93 ± 11
RÚ RAO 2	106 ± 11	98 ± 10	100 ± 10	91 ± 10	92 ± 10	88 ± 9	86 ± 9	91 ± 9	100 ± 10	101 ± 10	94 ± 10	105 ± 12
RÚ RAO 3	99 ± 10	91 ± 10	95 ± 10	85 ± 9	90 ± 9	84 ± 9	86 ± 9	85 ± 9	96 ± 10	92 ± 10	89 ± 9	97 ± 11
RÚ RAO 4	101 ± 10	98 ± 10	98 ± 10	91 ± 10	92 ± 10	90 ± 10	84 ± 9	90 ± 9	97 ± 10	97 ± 10	90 ± 9	106 ± 12
RÚ RAO SDS	95 ± 10	92 ± 10	91 ± 10	84 ± 9	78 ± 9	77 ± 9	71 ± 8	79 ± 9	89 ± 9	93 ± 10	84 ± 9	97 ± 11
Doba expozície [dni]	41	28	30	28	34	27	36	29	27	36	31	18

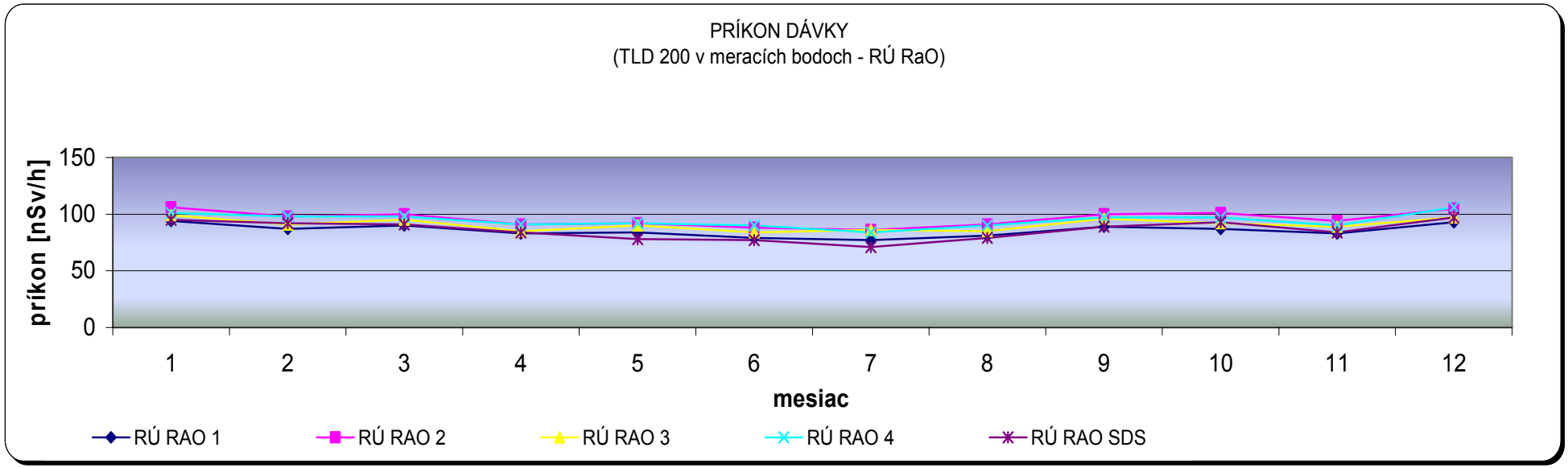


Table 350 Dose rate at RR RAW measured by TLD 200, 2008

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	72 ± 4	73 ± 3	74 ± 6	75 ± 5	74 ± 5	80 ± 4	77 ± 5	83 ± 5	77 ± 4	78 ± 5	76 ± 5	82 ± 4
RÚ RAO 2	69 ± 3	69 ± 4	71 ± 4	73 ± 4	71 ± 4	80 ± 4	74 ± 4	81 ± 5	72 ± 6	72 ± 4	73 ± 4	79 ± 6
RÚ RAO 3	64 ± 4	67 ± 3	69 ± 5	70 ± 4	71 ± 3	84 ± 4	69 ± 3	76 ± 3	71 ± 4	73 ± 5	72 ± 4	72 ± 3
RÚ RAO 4	70 ± 5	69 ± 5	74 ± 3	76 ± 5	74 ± 6	80 ± 3	73 ± 4	77 ± 3	79 ± 4	77 ± 4	75 ± 5	76 ± 3
RÚ RAO SDS	75 ± 4	72 ± 4	77 ± 10	80 ± 5	78 ± 4	80 ± 3	79 ± 6	82 ± 7	79 ± 7	77 ± 4	80 ± 5	78 ± 5
Tlak [hPa]	976	975	990	975	984	989	985	979	992	990	1000	992

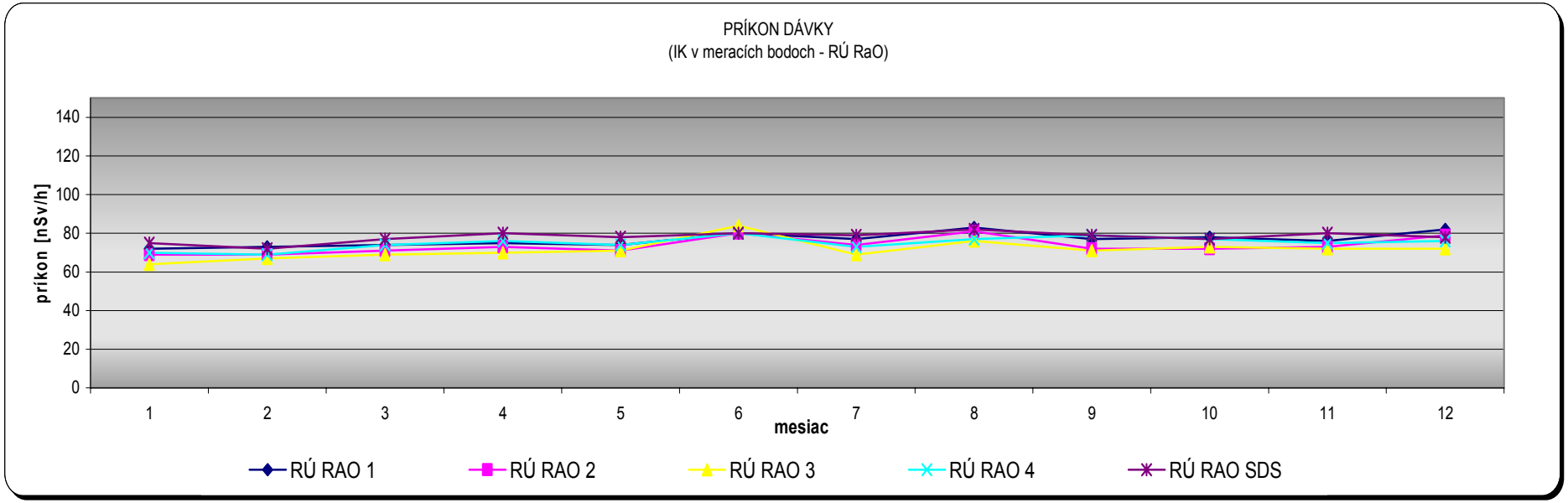


Table 351 Dose rate at RR RAW measured by IC RSS 112, 2005

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	67 ± 4	64 ± 4	77 ± 4	75 ± 4	75 ± 4	77 ± 7	78 ± 3	74 ± 5	77 ± 5	78 ± 3	85 ± 5	74 ± 5
RÚ RAO 2	66 ± 4	67 ± 5	76 ± 3	70 ± 4	71 ± 4	72 ± 3	71 ± 3	73 ± 3	76 ± 4	76 ± 4	81 ± 3	71 ± 4
RÚ RAO 3	67 ± 4	66 ± 4	74 ± 4	66 ± 4	66 ± 4	69 ± 3	68 ± 4	74 ± 4	68 ± 4	73 ± 3	80 ± 4	67 ± 3
RÚ RAO 4	73 ± 7	70 ± 5	72 ± 4	73 ± 5	72 ± 4	71 ± 4	72 ± 3	73 ± 4	75 ± 5	77 ± 3	83 ± 5	69 ± 4
RÚ RAO SDS	66 ± 5	65 ± 4	86 ± 6	82 ± 6	83 ± 5	83 ± 3	84 ± 5	83 ± 4	86 ± 6	87 ± 5	92 ± 6	80 ± 5
Tlak [hPa]	1050	985	971	981	989	990	991	987	985	978	972	1001

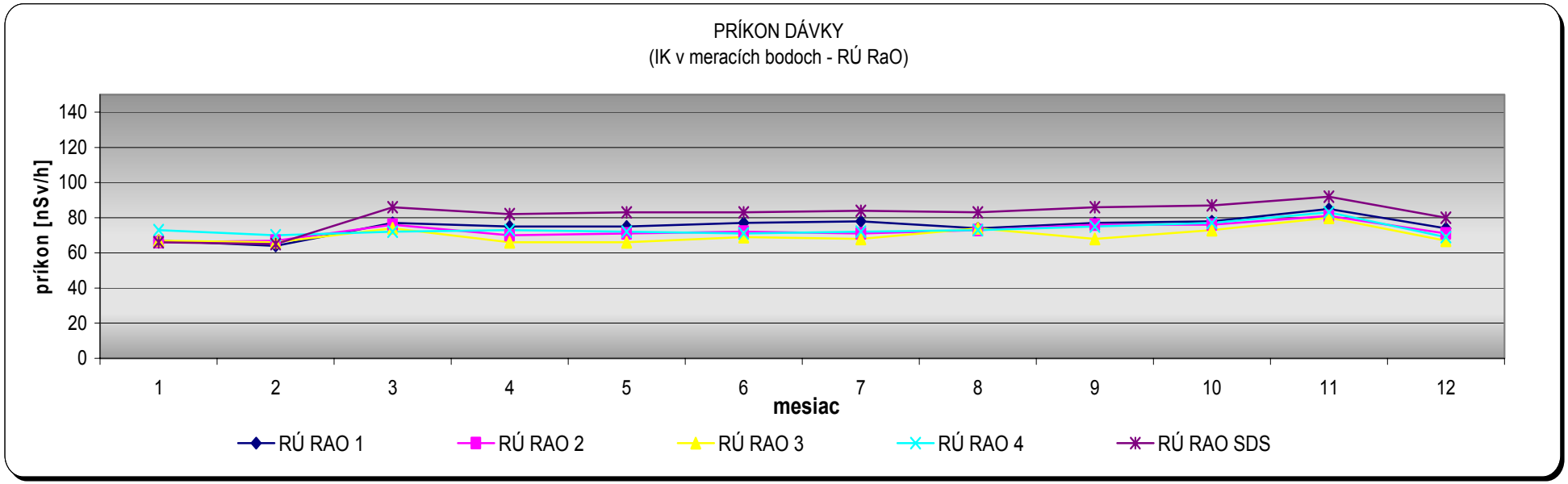


Table 352 Dose rate at RR RAW measured by IC RSS 112, 2006

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	83 ± 4	78 ± 5	74 ± 4	79 ± 4	74 ± 3	75 ± 4	80 ± 5	78 ± 4	80 ± 5	83 ± 5	77 ± 4	78 ± 3
RÚ RAO 2	79 ± 4	73 ± 4	71 ± 3	74 ± 4	71 ± 4	72 ± 4	75 ± 5	77 ± 4	76 ± 4	85 ± 4	85 ± 4	95 ± 3
RÚ RAO 3	77 ± 5	72 ± 4	69 ± 4	75 ± 4	70 ± 3	71 ± 3	73 ± 4	75 ± 4	75 ± 4	84 ± 5	72 ± 4	80 ± 3
RÚ RAO 4	77 ± 4	73 ± 4	70 ± 5	77 ± 4	74 ± 4	74 ± 4	78 ± 5	76 ± 4	78 ± 4	81 ± 4	72 ± 6	80 ± 3
RÚ RAO SDS	87 ± 6	85 ± 8	81 ± 4	87 ± 4	85 ± 5	85 ± 5	88 ± 5	87 ± 4	88 ± 4	91 ± 7	82 ± 4	83 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008

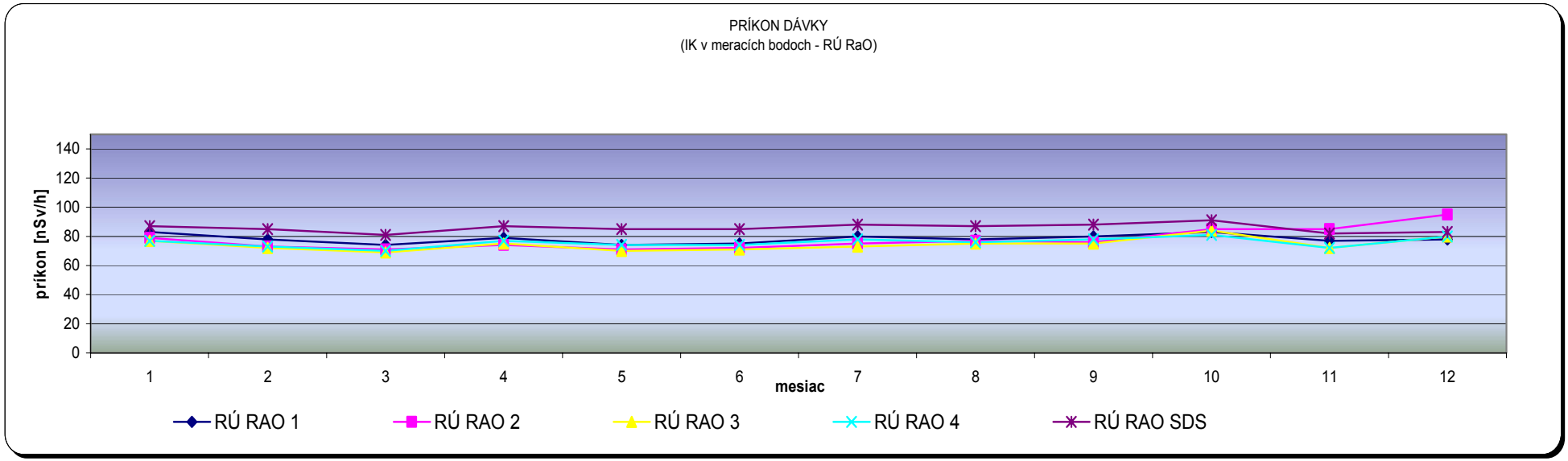


Table 353 Dose rate at RR RAW measured by IK RSS 112, 2007

PRÍKON DÁVKY

(IK v meracích bodoch - RÚ RaO)

Mesiac / Lokalita	Január	Február	Marec	Apríl	Máj	Jún	Júl	August	September	Október	November	December
	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]	[nSv/h]
RÚ RAO 1	83 ± 4	78 ± 5	74 ± 4	79 ± 4	74 ± 3	75 ± 4	80 ± 5	78 ± 4	80 ± 5	83 ± 5	77 ± 4	78 ± 3
RÚ RAO 2	79 ± 4	73 ± 4	71 ± 3	74 ± 4	71 ± 4	72 ± 4	75 ± 5	77 ± 4	76 ± 4	85 ± 4	85 ± 4	95 ± 3
RÚ RAO 3	77 ± 5	72 ± 4	69 ± 4	75 ± 4	70 ± 3	71 ± 3	73 ± 4	75 ± 4	75 ± 4	84 ± 5	72 ± 4	80 ± 3
RÚ RAO 4	77 ± 4	73 ± 4	70 ± 5	77 ± 4	74 ± 4	74 ± 4	78 ± 5	76 ± 4	78 ± 4	81 ± 4	72 ± 6	80 ± 3
RÚ RAO SDS	87 ± 6	85 ± 8	81 ± 4	87 ± 4	85 ± 5	85 ± 5	88 ± 5	87 ± 4	88 ± 4	91 ± 7	82 ± 4	83 ± 4
Tlak [hPa]	965	984	992	988	984	983	976	980	983	992	997	1008

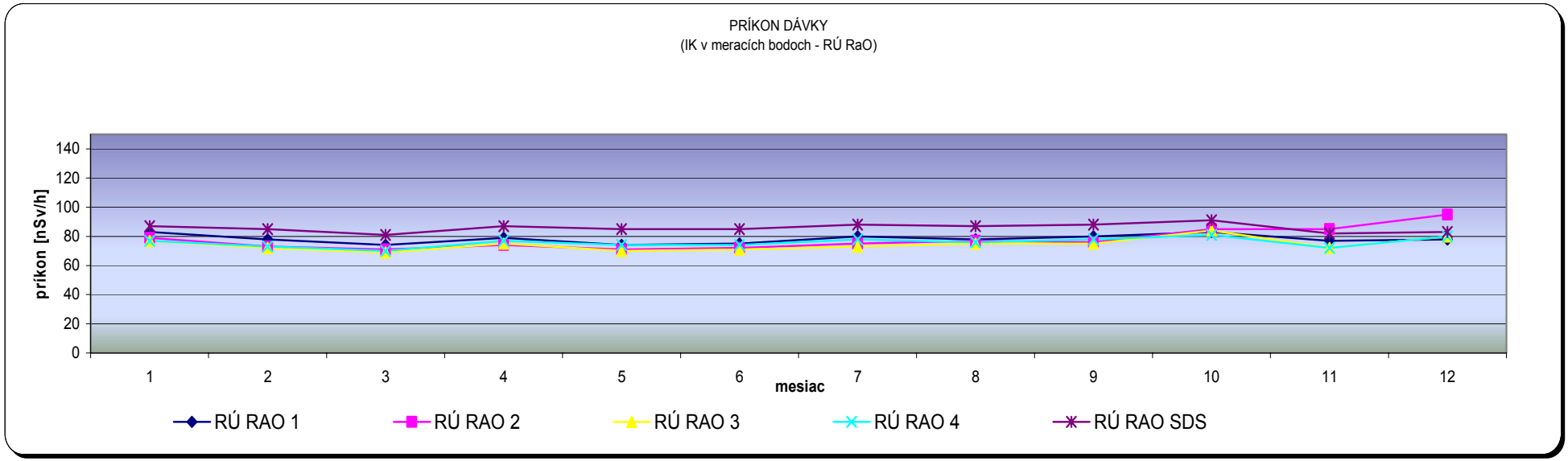


Table 354 Dose rate at RR RAW measured by IC RSS 112, 2008

AKTIVITA SPADOV

Lokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evidenč. číslo protokolu	^{134}Cs [Bq/m^2]	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	Celk. hmotnosť spádov [g]
RÚ RaO	**1.**	**2005/0422**	<1,07	<0,94	<11,6	52,6 ± 5,6	<2,30	<3,49	0,5181
	2.	**2005/1053**	<1,34	<1,28	<17,7	104 ± 9	<3,12	<4,29	0,5418
	3.	**2005/1575**	<1,38	<1,32	87,5 ± 8,4	109 ± 9	<2,65	<4,54	0,7719
	5.	**2005/2171**	<1,26	<1,18	25,7 ± 4,5	133 ± 11	5,15 ± 1,39	<4,13	0,5107

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/m^2]	Evid. číslo protokolu	II. štvrťrok [Bq/m^2]	Evid. číslo protokolu	III. štvrťrok [Bq/m^2]	Evid. číslo protokolu	IV. štvrťrok [Bq/m^2]
RÚ RaO	2005/422	9,5 ± 1,4	2005/1053	12,3 ± 1,7	2005/1575	25,5 ± 3,4	2005/2171	18,4 ± 2,3

Table 355 Fallout activity at RR RAW, 2005

AKTIVITA SPADOV

Lokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
RÚ RaO Mochovce	1.	2006/0441	<0,889	10,6 ± 2,5	85,3 ± 6,2	<2,29	<3,11	0,3585
	2.	2006/0962	<1,04	16,8 ± 2,9	225 ± 14	<2,36	<3,64	0,4543
	3.	2006/1530	<1,07	12,5 ± 2,6	145 ± 10	<2,51	<3,43	0,3408
	4.	2006/2067	<1,05	35,8 ± 4,5	64,3 ± 5,9	3,84 ± 1,14	<3,73	0,3713

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/m^2]	Evid. číslo protokolu	II. štvrťrok [Bq/m^2]	Evid. číslo protokolu	III. štvrťrok [Bq/m^2]	Evid. číslo protokolu	IV. štvrťrok [Bq/m^2]
RÚ RaO	2006/441	7,2 ± 1,0	2006/962	13,3 ± 1,8	2006/1530	14,8 ± 1,8	2006/2067	18,0 ± 2,2

Table 356 Fallout activity at RR RAW, 2006

AKTIVITA SPADOV

Lokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
RÚ RaO Mochovce	1.	2007/0477	<1,06	12,7 ± 3,0	110 ± 8	<2,70	<3,67	0,2640
	2.	2007/0920	<1,02	15,1 ± 3,4	187 ± 12	<2,55	<3,25	0,4481
	3.	2007/1475	<1,04	50,2 ± 4,8	152 ± 10	<2,61	<3,49	0,5071
	4.	2007/2047	<0,985	20,4 ± 2,9	82,7 ± 6,8	<2,79	<3,52	0,2559

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/m^2]	Evid. číslo protokolu	II. štvrťrok [Bq/m^2]	Evid. číslo protokolu	III. štvrťrok [Bq/m^2]	Evid. číslo protokolu	IV. štvrťrok [Bq/m^2]
RÚ RaO	2007/477	19,0 ± 2,3	2007/920	21,8 ± 2,8	2007/1475	32,9 ± 4,0	2007/2047	21,5 ± 2,4

Table 357 Fallout activity at RR RAW, 2007

AKTIVITA SPADOV

Lokalita RÚ RaO - dozimetrická stanička
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [Bq/m^2]	^{40}K [Bq/m^2]	^{7}Be [Bq/m^2]	U - rad [Bq/m^2]	Th - rad [Bq/m^2]	M_c [g]
RÚ RaO Mochovce	1.	2008/0495	<1,16	19,5 ± 6,6	117 ± 17	<2,83	<4,03	0,4037
	2.	2008/1008	<1,22	22,1 ± 8,1	211 ± 28	<3,12	<4,28	0,3803
	3.	2008/1546	<1,12	77,6 ± 13,1	247 ± 30	<2,70	<3,86	0,4986
	4.	2008/2088	<1,22	25,8 ± 7,7	136 ± 21	<2,74	<3,72	0,2839

AKTIVITA SPADOV

(dozimetrická stanička - celková aktivita beta)

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/m^2]	Evid. číslo protokolu	II. štvrťrok [Bq/m^2]	Evid. číslo protokolu	III. štvrťrok [Bq/m^2]	Evid. číslo protokolu	IV. štvrťrok [Bq/m^2]
RÚ RaO	2008/495	19,7 ± 0,8	2008/1008	22,1 ± 0,9	2008/1546	50,3 ± 1,9	2008/2088	25,4 ± 1,0

Table 358 Fallout activity at RR RAW, 2008

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Cifáre-rybník*	1.	2005/0179	<5,33	<5,01	197 ± 22	<11,4	<18,5
	2.	2005/0727	<5,46	<5,18	200 ± 20	<12,1	<19,3
	3.	2005/1181	<5,04	<5,02	220 ± 20	<11,3	<18,0
	4.	2005/1976	<6,61	<6,36	198 ± 24	68,7 ± 8,2	<23,2
RÚ RaO-stružka*	1.	2005/0176	<5,33	<5,01	197 ± 22	<11,4	<18,5
	2.	2005/0724	<5,46	<5,18	200 ± 20	<12,1	<19,3
	3.	2005/0724	<5,04	<5,02	220 ± 20	<11,3	<18,0
	4.	2005/0724	<6,61	<6,36	198 ± 24	68,7 ± 8,2	<23,2

Poznámka: * v tabuľke sú uvedené priemerné hodnoty aktivity obidvoch vzoriek, zmiešaných v rovnakom objemovom pomere

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
ČIFÁRE - rybník	2005/180	12 ± 1	2005/728	8 ± 1	2005/1182	9 ± 1	2005/1977	18 ± 2
RÚ RaO - stružka	2005/177	15 ± 2	2005/725	12 ± 1	2005/1177	28 ± 3	2005/1964	29 ± 3

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
ČIFÁRE - rybník	2005/181	1,0 ± 0,1	2005/729	1,0 ± 0,1	2005/1183	1,0 ± 0,1	2005/1978	1,0 ± 0,1
RÚ RaO - stružka	2005/178	1,0 ± 0,1	2005/726	1,0 ± 0,1	2005/1178	1,0 ± 0,1	2005/1965	1,0 ± 0,1

Table 359 Volume activities in surface waters at RR RAW, 2005

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Čiáre /rybník/	**1.**	**2006/0406**	<6,03	265 ± 27	<13,9	<21,4
	2.	**2006/0667**	<5,73	217 ± 23	28,4 ± 5,4	<19,6
	3.	**2006/1290**	<4,98	243 ± 22	10,2 ± 3,5	<17,2
	4.	**2006/1690**	<4,98	281 ± 24	11,2 ± 4,0	<18,4

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
Čiáre /rybník/	2006/407	14 ± 2	2006/668	17 ± 2	2006/1291	21 ± 2	2006/1691	15 ± 2

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
Čiáre /rybník/	2006/408	1,2 ± 0,2	2006/669	1,0 ± 0,1	2006/1292	1,0 ± 0,1	2006/1692	1,3 ± 0,2

Table 360 Volume activities in surface waters at RR RAW, 2006

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Čifáre /rybník/	1.	**2007/0149**	<5,36	229 ± 23	25,1 ± 4,6	<19,2
	2.	**2007/0721**	5,41 ± 0,86	221 ± 21	27,9 ± 4,9	<20,8
	3.	**2007/1145**	5,75 ± 1,43	301 ± 41	<11,9	<20,3
	4.	**2007/1922**	<5,62	203 ± 39	<11,7	<18,5

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
Čifáre /rybník/	2007/149	10 ± 1	2007/722	11 ± 2	2007/1146	6 ± 1	2007/1923	12 ± 2

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
Čifáre /rybník/	2007/150	1,1 ± 0,2	2007/723	2,4 ± 0,3	2007/1147	<1	2007/1924	<1

Table 361 Volume activities in surface waters at RR RAW, 2007

OBJEMOVÁ AKTIVITA V POVRCHOVÝCH VODÁCH
(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
Čifáre /rybník/	1.	**2008/0156**	<5,93	226 ± 85	<11,8	<20,0
	2.	**2008/0877**	<6,10	219 ± 42	<14,0	<20,9
	3.	**2008/1227**	<5,99	239 ± 44	29,9 ± 13,8	<22,2
	4.	**2008/1860**	<6,12	230 ± 44	<13,8	<21,8

OBJEMOVÁ AKTIVITA ^{90}Sr V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
Čifáre /rybník/	2008/157	11 ± 2	2008/878	14 ± 3	2008/1228	8 ± 2	2008/1861	14 ± 3

OBJEMOVÁ AKTIVITA ^{3}H V POVRCHOVÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
Čifáre /rybník/	2008/158	3,0 ± 0,3	2008/879	3,0 ± 0,3	2008/1229	1,9 ± 0,2	2008/1862	<1

Table 362 Volume activities in surface waters at RR RAW, 2008

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid.číslo protokolu	^{134}Cs [mBq/dm^3]	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
MON - 1A *	1.	2005/0319	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2.	2005/0834	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1399	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1810	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 2B *	1.	2005/0322	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2.	2005/0837	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1402	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1813	<5,17	<5,15	158 ± 19	<11,6	<18,3
SRK - 3 *	1.	2005/0325	**	**	**	**	**
	2.	2005/0840	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1405	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1816	<5,17	<5,15	158 ± 19	<11,6	<18,3
SRK - 2A *	1.	2005/0289	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2.	2005/0843	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1408	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1819	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 3A *	1.	2005/0292	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2.	2005/0846	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1411	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1822	<5,17	<5,15	158 ± 19	<11,6	<18,3
MON - 3B *	1.	2005/0295	<5,60	<5,36	227 ± 23	57,4 ± 6,1	<19,4
	2.	2005/0849	<5,67	<5,53	196 ± 22	<12,4	<19,7
	3.	2005/1414	<5,13	<5,22	193 ± 20	<11,5	<15,9
	4.	2005/1825	<5,17	<5,15	158 ± 19	<11,6	<18,3

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere
* * - porucha odberového zariadenia

Table 363 Volume activities in underground waters, 2005

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
MON - 1A *	1.	2006/0272	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0826	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1294	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1944	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 2B *	1.	2006/0166	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0829	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1297	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1947	<3,97	220 ± 18	14,7 ± 3,1	<14,0
SRK - 3 *	1.	2006/0169	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0832	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1300	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1950	<3,97	220 ± 18	14,7 ± 3,1	<14,0
SRK - 2A *	1.	2006/0172	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0835	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1303	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1953	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 3A *	1.	2006/0175	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0838	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1306	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1956	<3,97	220 ± 18	14,7 ± 3,1	<14,0
MON - 3B *	1.	2006/0178	<4,80	214 ± 22	<10,7	<16,5
	2.	2006/0841	<3,85	258 ± 19	21,6 ± 4,3	<14,2
	3.	2006/1309	<3,80	225 ± 20	15,9 ± 4,0	<13,6
	4.	2006/1959	<3,97	220 ± 18	14,7 ± 3,1	<14,0

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

Table 364 Volume activities in underground waters, 2006

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
MON - 1A *	1.	2007/0304	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0741	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1317	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1874	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 2B *	1.	2007/0307	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0744	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1320	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1877	1,81 ± 0,92	224 ± 29	<8,27	<13,4
SRK - 3 *	1.	2007/0310	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0747	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1323	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1880	1,81 ± 0,92	224 ± 29	<8,27	<13,4
SRK - 2A *	1.	2007/0313	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0750	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1326	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1883	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 3A *	1.	2007/0316	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0753	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1329	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1886	1,81 ± 0,92	224 ± 29	<8,27	<13,4
MON - 3B *	1.	2007/0319	<4,51	283 ± 33	<8,45	<14,5
	2.	2007/0756	1,64 ± 0,40	199 ± 14	13,7 ± 3,3	<11,5
	3.	2007/1332	2,73 ± 0,87	183 ± 27	<8,10	<13,2
	4.	2007/1889	1,81 ± 0,92	224 ± 29	<8,27	<13,4

Poznámka: * - v tabuľke sú uvedené priemerné aktivity všetkých vzoriek, zmiešaných v rovnakom objemovom pomere

Table 365 Volume activities in underground waters, 2007

OBJEMOVÁ AKTIVITA V PODZEMNÝCH VODÁCH

(gamaspektrometria)

Rádionuklid / Lokalita\Štvrťrok		Evid. číslo protokolu	^{137}Cs [mBq/dm^3]	^{40}K [mBq/dm^3]	U - rad [mBq/dm^3]	Th - rad [mBq/dm^3]
MON - 1A	1.	2008/0343	5,75 ± 4,08	502 ± 98	<14,9	<21,5
	2.	2008/0881	<6,59	335 ± 59	33,6 ± 13,7	<23,6
	3.	2008/1372	<5,98	404 ± 56	<16,5	<22,8
	4.	2008/1910	<7,73	326 ± 62	<18,5	<27,9
MON - 2B	1.	2008/0346	4,58 ± 2,53	563 ± 102	<12,6	<19,3
	2.	2008/0884	<6,91	705 ± 87	23,4 ± 13,6	<21,3
	3.	2008/1375	<6,15	490 ± 62	<14,4	<20,8
	4.	2008/1913	<7,88	710 ± 90	<17,7	<26,3
SRK - 3	1.	2008/0349	<5,97	104 ± 81	<11,9	<20,5
	2.	2008/0887	<6,03	211 ± 43	<14,0	<18,5
	3.	2008/1378	<5,88	117 ± 37	<13,7	<21,2
	4.	2008/1916	<6,54	192 ± 45	<14,5	<22,7
SRK - 2A	1.	2008/0352	3,93 ± 2,73	<84,6	<11,8	<19,6
	2.	2008/0890	<6,54	56,2 ± 27,5	<15,8	<23,0
	3.	2008/1381	<5,85	279 ± 47	<16,1	<19,7
	4.	2008/1919	<7,25	263 ± 51	<16,2	<23,8
MON - 3A	1.	2008/0355	4,54 ± 3,22	<83,4	25,9 ± 12,6	<20,1
	2.	2008/0893	<6,16	46,9 ± 23,2	<14,4	<22,3
	3.	2008/1384	<5,64	34,1 ± 19,0	<13,9	<21,1
	4.	2008/1922	<7,35	<66,3	<16,8	<25,5
MON - 3B	1.	2008/0358	<6,96	153 ± 100	<14,3	<23,2
	2.	2008/0896	2,22 ± 2,40	<88,2	<13,2	<20,7
	3.	2008/1387	<5,72	114 ± 34	<16,9	<20,4
	4.	2008/1925	<7,06	117 ± 39	<17,0	<26,1

Table 366 Volume activities in underground waters, 2008

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
MON - 1A	2005/320	11,0 ± 2,0	2005/835	6,0 ± 1,0	2005/1400	12,0 ± 1,0	2005/1811	11,0 ± 1,0
MON - 2B	2005/323	16,0 ± 2,0	2005/838	5,0 ± 1,0	2005/1403	10,0 ± 1,0	2005/1814	13,0 ± 2,0
SRK - 3	*	* *	2005/841	12,0 ± 1,0	2005/1406	10,0 ± 1,0	2005/1817	28,0 ± 3,0
SRK - 2A	2005/290	5,0 ± 1,0	2005/844	<4	2005/1409	5,0 ± 1,0	2005/1820	6,0 ± 1,0
MON - 3A	2005/293	<4	2005/847	7,0 ± 1,0	2005/1412	11,0 ± 1,0	2005/1823	9,0 ± 1,0
MON - 3B	2005/296	12,0 ± 2,0	2005/850	<4	2005/1415	5,0 ± 1,0	2005/1826	9,0 ± 1,0

* Porucha odberového zariadenia

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
MON - 1A	2005/321	1,0 ± 0,1	2005/836	1,0 ± 0,1	2005/1401	1,0 ± 0,1	2005/1812	1,0 ± 0,1
MON - 2B	2005/324	1,0 ± 0,1	2005/839	1,0 ± 0,1	2005/1404	1,0 ± 0,1	2005/1815	1,0 ± 0,1
SRK - 3	*	* *	2005/842	1,0 ± 0,1	2005/1407	1,0 ± 0,1	2005/1818	1,0 ± 0,1
SRK - 2A	2005/291	1,0 ± 0,1	2005/845	1,0 ± 0,1	2005/1410	1,0 ± 0,1	2005/1821	1,0 ± 0,1
MON - 3A	2005/294	1,0 ± 0,1	2005/848	2,0 ± 0,3	2005/1413	1,0 ± 0,1	2005/1824	1,0 ± 0,1
MON - 3B	2005/297	1,0 ± 0,1	2005/851	1,0 ± 0,1	2005/1416	1,0 ± 0,1	2005/1827	1,0 ± 0,1

* Porucha odberového zariadenia

Table 367 ^{90}Sr and ^{3}H volume activity in underground waters – RR RAW, 2005

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
MON - 1A	2006/273	11,0 ± 1,0	2006/827	6,0 ± 1,0	2006/1295	9,0 ± 1,0	2006/1945	11,0 ± 1,0
MON - 2B	2006/167	11,0 ± 1,0	2006/830	6,0 ± 1,0	2006/1298	9,0 ± 1,0	2006/1948	11,0 ± 1,0
SRK - 3	2006/170	11,0 ± 1,0	2006/833	6,0 ± 1,0	2006/1301	9,0 ± 1,0	2006/1951	11,0 ± 1,0
SRK - 2A	2006/173	11,0 ± 1,0	2006/836	6,0 ± 1,0	2006/1304	9,0 ± 1,0	2006/1954	11,0 ± 1,0
MON - 3A	2006/176	11,0 ± 1,0	2006/839	6,0 ± 1,0	2006/1307	9,0 ± 1,0	2006/1957	11,0 ± 1,0
MON - 3B	2006/179	11,0 ± 1,0	2006/842	6,0 ± 1,0	2006/1310	9,0 ± 1,0	2006/1960	11,0 ± 1,0

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
MON - 1A	2006/274	2,3 ± 0,3	2006/828	3,2 ± 0,4	2006/1296	1,0 ± 0,1	2006/1946	5,2 ± 0,7
MON - 2B	2006/168	1,0 ± 0,1	2006/831	3,2 ± 0,4	2006/1299	1,0 ± 0,1	2006/1949	2,5 ± 0,3
SRK - 3	2006/171	1,0 ± 0,1	2006/834	1,0 ± 0,1	2006/1302	1,0 ± 0,1	2006/1952	6,4 ± 0,9
SRK - 2A	2006/174	1,0 ± 0,1	2006/837	1,0 ± 0,1	2006/1305	1,0 ± 0,1	2006/1955	5,0 ± 0,7
MON - 3A	2006/177	1,0 ± 0,1	2006/840	1,0 ± 0,1	2006/1308	1,0 ± 0,1	2006/1958	6,0 ± 0,8
MON - 3B	2006/180	1,0 ± 0,1	2006/843	1,0 ± 0,1	2006/1311	1,0 ± 0,1	2006/1961	5,1 ± 0,7

Table 368 ^{90}Sr and ^{3}H volume activity in underground waters – RR RAW, 2006

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
MON - 1A	2007/304	8,0 ± 1,0	2007/742	<6	2007/1318	8,0 ± 1,0	2007/1875	9,0 ± 1,0
MON - 2B	2007/307	8,0 ± 1,0	2007/745	<6	2007/1321	8,0 ± 1,0	2007/1878	9,0 ± 1,0
SRK - 3	2007/310	8,0 ± 1,0	2007/748	<6	2007/1324	8,0 ± 1,0	2007/1881	9,0 ± 1,0
SRK - 2A	2007/313	8,0 ± 1,0	2007/751	<6	2007/1327	8,0 ± 1,0	2007/1884	9,0 ± 1,0
MON - 3A	2007/316	8,0 ± 1,0	2007/754	<6	2007/1330	8,0 ± 1,0	2007/1887	9,0 ± 1,0
MON - 3B	2007/319	8,0 ± 1,0	2007/757	<6	2007/1333	8,0 ± 1,0	2007/1890	9,0 ± 1,0

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
MON - 1A	2007/305	5,1 ± 0,7	2007/743	2,3 ± 0,3	2007/1319	<1	2007/1876	3,0 ± 0,4
MON - 2B	2007/308	6,2 ± 0,8	2007/746	1,9 ± 0,3	2007/1322	<1	2007/1879	2,8 ± 0,4
SRK - 3	2007/311	2,1 ± 0,3	2007/749	3,4 ± 0,5	2007/1325	<1	2007/1882	<1
SRK - 2A	2007/314	<1	2007/752	3,2 ± 0,4	2007/1328	<1	2007/1885	1,5 ± 0,2
MON - 3A	2007/317	<1	2007/755	1,6 ± 0,2	2007/1331	<1	2007/1888	<1
MON - 3B	2007/320	2,8 ± 0,4	2007/758	3,6 ± 0,5	2007/1334	<1	2007/1891	<1

Table 369 Volume activities in underground waters, 2007

OBJEMOVÁ AKTIVITA ^{90}Sr V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	II. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	III. štvrťrok [mBq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [mBq/dm^3]
MON - 1A	2008/344	6,0 ± 1,0	2008/882	7,0 ± 2,0	2008/1373	11,0 ± 2,0	2008/1911	7,0 ± 2,0
MON - 2B	2008/347	6,0 ± 1,0	2008/885	7,0 ± 2,0	2008/1376	11,0 ± 2,0	2008/1914	7,0 ± 2,0
SRK - 3	2008/350	6,0 ± 1,0	2008/888	7,0 ± 2,0	2008/1379	11,0 ± 2,0	2008/1917	7,0 ± 2,0
SRK - 2A	2008/353	6,0 ± 1,0	2008/891	7,0 ± 2,0	2008/1382	11,0 ± 2,0	2008/1920	7,0 ± 2,0
MON - 3A	2008/356	6,0 ± 1,0	2008/894	7,0 ± 2,0	2008/1385	11,0 ± 2,0	2008/1923	7,0 ± 2,0
MON - 3B	2008/359	6,0 ± 1,0	2008/897	7,0 ± 2,0	2008/1388	11,0 ± 2,0	2008/1926	7,0 ± 2,0

OBJEMOVÁ AKTIVITA ^{3}H V PODZEMNÝCH VODÁCH

Lokalita	Evid. číslo protokolu	I. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	II. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	III. štvrťrok [Bq/dm^3]	Evid. číslo protokolu	IV. štvrťrok [Bq/dm^3]
MON - 1A	2008/345	2,7 ± 0,3	2008/883	2,6 ± 0,3	2008/1374	<1	2008/1912	3,0 ± 0,3
MON - 2B	2008/348	<1	2008/886	3,7 ± 0,4	2008/1377	<1	2008/1915	1,0 ± 0,1
SRK - 3	2008/351	<1	2008/889	7,0 ± 0,8	2008/1380	1,9 ± 0,2	2008/1918	<1
SRK - 2A	2008/354	<1	2008/892	5,1 ± 0,6	2008/1383	<1	2008/1921	<1
MON - 3A	2008/357	<1	2008/895	6,3 ± 0,7	2008/1386	<1	2008/1924	<1
MON - 3B	2008/360	<1	2008/898	4,1 ± 0,4	2008/1389	<1	2008/1927	<1

Table 370 Volume activities in underground waters, 2008

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

RÚ RaO
(gamaspektrometria)

Rádionuklid / Lokalita/Štvrťrok		Evidenč.číslo protokolu	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Čifare-rybnik	**1.**	**2005/0371**	<0,746	23,7 ± 1,1	605 ± 28	31,2 ± 2,1	37,8 ± 4,2
	2.	**2005/0730**	<0,736	23,4 ± 1,1	592 ± 28	32,0 ± 2,1	38,2 ± 3,7
	3.	**2005/1179**	<0,771	25,9 ± 1,2	597 ± 28	34,9 ± 2,3	39,5 ± 4,2
	4.	**2005/1980**	<0,934	29,5 ± 1,4	502 ± 24	28,2 ± 2,0	33,7 ± 4,0
RÚ-RaO-stružka	**1.**	**2005/0372**	<0,753	13,3 ± 0,7	509 ± 24	39,2 ± 2,6	43,0 ± 4,4
	2.	**2005/0723**	<0,766	13,5 ± 0,6	498 ± 24	41,0 ± 2,7	42,1 ± 4,3
	3.	**2005/1175**	<0,798	17,6 ± 0,8	529 ± 25	37,1 ± 2,5	42,9 ± 4,6
	4.	**2005/1966**	<1,27	14,8 ± 0,9	490 ± 24	34,3 ± 2,4	37,9 ± 4,9

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
RÚ RaO - stružka	**2005/1175**	**1 ± 0,1**
ČIFÁRE - rybník	**2005/1179**	**3,6 ± 0,5**

Table 371 Specific activity of sediments - RR RAW, 2005

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

RÚ RaO

(gamaspektrometria)

Lokalita \ Rádionuklid		Evid.číslo protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Čifare /rybník/	**1.**	**2006/0410**	29,6 ± 1,4	573 ± 27	29,1 ± 1,9	37,2 ± 3,9
	2.	**2006/0666**	24,9 ± 1,2	569 ± 27	32,0 ± 2,1	38,4 ± 4,0
	3.	**2006/1130**	28,3 ± 1,3	548 ± 26	33,2 ± 2,2	36,9 ± 3,9
	4.	**2006/1689**	21,4 ± 1,0	629 ± 30	39,2 ± 2,6	44,9 ± 4,7

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
Čifáre /rybník/	**2006/1130**	**0,4 ± 0,1**

Table 372 Specific activity of sediments - RR RAW, 2006

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

RÚ RaO

(gamaspektrometria)

Rádionuklid / Lokalita		Evid.číslo protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Čifare /rybník/	**1.**	**2007/0341**	21,5 ± 1,2	562 ± 32	33,3 ± 2,7	39,7 ± 4,8
	2.	**2007/0719**	20,0 ± 1,0	619 ± 29	37,6 ± 2,5	44,5 ± 4,6
	3.	**2007/1086**	21,0 ± 1,0	617 ± 29	34,8 ± 2,3	40,9 ± 4,3
	4.	**2007/1929**	25,8 ± 1,2	607 ± 29	40,6 ± 2,7	43,9 ± 4,6

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
Cifáre (rybník)	**2007/1086**	**1,1 ± 0,1**

Table 373 Specific activity of sediments - RR RAW, 2007

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

RÚ RaO

(gamaspektrometria)

Lokalita \ Rádionuklid		Evid.číslo protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
Čifare /rybník/	**1.**	**2008/0364**	24,9 ± 1,9	562 ± 44	36,2 ± 3,9	40,8 ± 6,8
	2.	**2008/0797**	25,9 ± 2,1	600 ± 47	35,1 ± 3,9	41,1 ± 7,4
	3.	**2008/1200**	26,6 ± 2,0	601 ± 47	33,1 ± 3,7	41,2 ± 7,6
	4.	**2008/1867**	26,7 ± 2,1	615 ± 48	35,7 ± 4,0	41,9 ± 9,3

HMOTNOSTNÁ AKTIVITA SEDIMENTOV

rádiochémia

Lokalita	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
Cifáre (rybník)	**2008/1200**	**1,8 ± 0,3**

Table 374 Specific activity of sediments - RR RAW, 2008

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monit. bod. č.	Š. r.	Ra-nuklid / Evid.č.prot.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1.	1.	2005/0360	<0,670	0,958 ± 0,169	467 ± 22	23,0 ± 1,6	29,0 ± 3,2
	2.	2005/0690	<0,698	5,93 ± 0,31	473 ± 22	25,9 ± 1,7	32,0 ± 3,3
	3.	2005/1395	<0,694	6,46 ± 0,37	471 ± 22	25,9 ± 1,8	32,1 ± 3,6
	4.	2005/1971	<0,734	7,01 ± 0,36	428 ± 20	28,9 ± 1,9	34,0 ± 3,9
2.	1.	2005/0361	<0,656	0,346 ± 0,148	488 ± 23	20,2 ± 1,4	26,7 ± 3,1
	2.	2005/0691	<0,720	0,379 ± 0,074	582 ± 27	22,1 ± 1,5	31,0 ± 3,3
	3.	2005/1396	<0,596	0,267 ± 0,061	513 ± 24	19,0 ± 1,3	28,5 ± 3,2
	4.	2005/1972	<0,693	0,328 ± 0,071	484 ± 23	19,7 ± 1,4	26,7 ± 3,2
3.	1.	2005/0362	<0,662	0,474 ± 0,137	470 ± 22	22,8 ± 1,5	27,7 ± 3,0
	2.	2005/0692	<0,676	0,523 ± 0,121	484 ± 23	23,3 ± 1,6	28,5 ± 3,1
	3.	2005/1397	<0,666	0,635 ± 0,131	490 ± 23	22,6 ± 1,6	30,9 ± 3,4
	4.	2005/1973	<0,562	0,587 ± 0,151	453 ± 21	22,1 ± 1,5	27,9 ± 3,0
4.	1.	2005/0363	<0,714	0,640 ± 0,153	497 ± 23	27,0 ± 1,8	34,3 ± 3,6
	2.	2005/0693	<0,728	0,865 ± 0,097	495 ± 23	29,0 ± 1,9	34,9 ± 3,7
	3.	2005/1398	<0,720	0,710 ± 0,090	510 ± 24	26,9 ± 1,8	36,1 ± 3,9
	4.	2005/1974	<0,719	0,959 ± 0,102	442 ± 21	24,1 ± 1,6	32,0 ± 3,6

Poznámka: *hĺbka odberovej vrstvy - 0-5 cm*

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita:monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid / Evid.č.prot.	90Sr [Bq/kg]
Č.1	2005/1395	1,9 ± 0,2
Č.2	2005/1396	1,4 ± 0,2
Č.3	2005/1397	2 ± 0,2
Č.4	2005/1398	1,7 ± 0,2

Table 375 Soil specific activity - RR RAW, 2005

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid / Evid.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2006/0526	9,07 ± 0,46	479 ± 22	27,9 ± 1,8	34,8 ± 3,6
	2.	2006/1558	2,74 ± 0,17	474 ± 22	24,3 ± 1,6	30,7 ± 3,4
2	1.	2006/0527	0,804 ± 0,096	553 ± 26	22,8 ± 1,6	32,2 ± 3,5
	2.	2006/1559	0,517 ± 0,160	526 ± 25	22,5 ± 1,5	28,8 ± 3,4
3	1.	2006/0528	0,602 ± 0,089	483 ± 23	25,1 ± 1,7	32,3 ± 3,6
	2.	2006/1560	0,482 ± 0,072	496 ± 23	25,3 ± 1,7	32,7 ± 3,5
4	1.	2006/0529	0,609 ± 0,090	500 ± 24	29,9 ± 2,0	37,7 ± 4,1
	2.	2006/1561	0,772 ± 0,094	505 ± 24	29,5 ± 2,0	37,2 ± 3,9

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita:monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Č.1	2006/526	1,8 ± 0,2
Č.2	2006/527	0,6 ± 0,2
Č.3	2006/528	0,9 ± 0,1
Č.4	2006/529	0,9 ± 0,1

Table 376 Soil specific activity - RR RAW, 2006

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid / Evid.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2007/0637	5,36 ± 0,34	469 ± 22	24,9 ± 1,7	31,9 ± 3,6
	2.	2007/1895	6,09 ± 0,31	461 ± 22	25,9 ± 1,7	31,8 ± 3,4
2	1.	2007/0638	0,635 ± 0,159	515 ± 24	20,6 ± 1,4	28,0 ± 3,1
	2.	2007/1896	<0,548	519 ± 24	20,0 ± 1,4	27,2 ± 3,1
3	1.	2007/0639	0,509 ± 0,079	450 ± 21	20,9 ± 1,5	28,1 ± 3,3
	2.	2007/1897	0,565 ± 0,083	451 ± 21	22,9 ± 1,5	29,3 ± 3,3
4	1.	2007/0640	0,825 ± 0,096	492 ± 23	27,5 ± 1,9	35,3 ± 3,8
	2.	2007/1898	0,891 ± 0,099	498 ± 23	30,0 ± 2,0	36,7 ± 3,8

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita:monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Č.1	2007/637	1,1 ± 0,1
Č.2	2007/638	0,9 ± 0,1
Č.3	2007/639	0,7 ± 0,1
Č.4	2007/640	0,6 ± 0,1

Table 377 Soil specific activity - RR RAW, 2007

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitorovací bod	P. r.	Rádionuklid / Evid.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2008/0636	9,38 ± 0,78	473 ± 38	28,1 ± 3,1	34,2 ± 6,5
	2.	2008/1886	4,58 ± 0,44	456 ± 36	25,6 ± 3,0	30,4 ± 6,4
2	1.	2008/0637	0,621 ± 0,166	506 ± 40	22,4 ± 2,6	29,4 ± 5,8
	2.	2008/1887	0,516 ± 0,153	501 ± 40	21,5 ± 2,4	27,7 ± 5,6
3	1.	2008/0638	0,810 ± 0,189	460 ± 37	22,0 ± 2,6	30,2 ± 6,0
	2.	2008/1888	0,751 ± 0,182	475 ± 38	24,4 ± 2,8	30,7 ± 5,8
4	1.	2008/0639	1,50 ± 0,23	492 ± 39	26,9 ± 3,0	35,7 ± 6,8
	2.	2008/1889	1,04 ± 0,21	499 ± 40	30,0 ± 3,3	36,9 ± 7,3

Poznámka: hĺbka odberovej vrstvy - 0-5 cm

HMOTNOSTNÁ AKTIVITA PÔDY

Lokalita:monitorovacie body RÚ RaO -rádiochémia

Monit. bod č.	Ra-nuklid / Evid.č.prot.	^{90}Sr [Bq/kg]
Č.1	2008/636	1,0 ± 0,2
Č.2	2008/637	<0,5
Č.3	2008/638	<0,5
Č.4	2008/639	1,1 ± 0,2

Table 378 Soil specific activity - RR RAW, 2008

HMOTNOSTNÁ AKTIVITA TRÁVY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monit. bod č.	P. r.	Rádionuklid / Evid.č.pr.	^{134}Cs [Bq/kg]	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	^{7}Be [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1.	1.	2005/0686	<0,665	1,14 ± 0,19	707 ± 50	80,5 ± 7,7	2,83 ± 0,55	<2,40
	2.	2005/1806	<0,650	<0,677	248 ± 18	98,2 ± 7,9	1,34 ± 0,44	<2,10
2.	1.	2005/0687	<1,22	<1,25	1010 ± 70	109 ± 12	<2,34	<4,48
	2.	2005/1807	<0,873	<0,891	536 ± 38	124 ± 10	1,93 ± 0,76	<3,11
3.	1.	2005/0688	<0,990	<1,03	1110 ± 80	138 ± 12	<1,92	<3,78
	2.	2005/1808	<0,780	<0,780	185 ± 14	97,8 ± 8,6	2,16 ± 0,61	<2,67
4.	1.	2005/0689	<0,813	<0,845	751 ± 53	130 ± 12	<1,58	<3,06
	2.	2005/1809	<0,764	<0,753	139 ± 11	100 ± 9	1,56 ± 0,68	<2,72

Table 379 Grass specific activity - RR RAW, 2005

HMOTNOSTNÁ AKTIVITA TRÁVY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid / Ev.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	^{7}Be [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2006/0659	0,354 ± 0,185	1010 ± 70	113 ± 10	<1,60	<3,63
	2.	2006/1562	0,285 ± 0,159	873 ± 61	86,9 ± 7,4	1,62 ± 0,60	<3,40
2	1.	2006/0660	<0,945	1130 ± 80	114 ± 10	<1,62	<3,25
	2.	2006/1563	<0,984	1100 ± 80	90,4 ± 8,1	3,18 ± 0,72	<3,70
3	1.	2006/0661	<0,966	1300 ± 90	127 ± 11	<1,39	<3,57
	2.	2006/1564	0,312 ± 0,186	1020 ± 70	126 ± 11	3,04 ± 0,69	<3,51
4	1.	2006/0662	<0,758	723 ± 51	64,4 ± 6,1	<1,29	<2,73
	2.	2006/1565	<0,872	543 ± 39	110 ± 9	1,97 ± 0,67	<3,17

Table 380 Grass specific activity - RR RAW, 2006

HMOTNOSTNÁ AKTIVITA TRÁVY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid / Ev.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	^{7}Be [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2007/0936	<0,961	777 ± 55	102 ± 9	<1,72	<3,49
	2.	2007/1502	<0,891	747 ± 53	119 ± 10	<1,45	<3,31
2	1.	2007/0937	<1,05	935 ± 66	133 ± 11	4,36 ± 0,94	4,55 ± 1,24
	2.	2007/1503	<0,923	764 ± 54	197 ± 15	<1,81	<3,37
3	1.	2007/0641	<1,03	1020 ± 70	119 ± 12	<1,69	<3,80
	2.	2007/1504	<0,963	877 ± 62	218 ± 17	1,32 ± 0,81	<3,44
4	1.	2007/0642	<0,917	682 ± 48	107 ± 10	<1,33	<3,37
	2.	2007/1505	<0,819	474 ± 34	145 ± 12	<1,63	<2,85

Table 381 Grass specific activity - RR RAW, 2007

HMOTNOSTNÁ AKTIVITA TRÁVY

Lokalita: monitorovacie body RÚ RaO
(gamaspektrometria)

Monitor. bod	P. r.	Rádionuklid / Ev.č.protokolu	^{137}Cs [Bq/kg]	^{40}K [Bq/kg]	^{7}Be [Bq/kg]	U - rad [Bq/kg]	Th - rad [Bq/kg]
1	1.	2008/0599	<0,735	674 ± 89	187 ± 28	<1,53	<2,75
	2.	2008/1587	<0,857	610 ± 81	170 ± 25	2,26 ± 1,67	<3,19
2	1.	2008/0600	<0,787	874 ± 115	165 ± 27	<1,68	<2,72
	2.	2008/1588	<0,983	788 ± 104	306 ± 43	6,02 ± 1,94	<3,33
3	1.	2008/0601	<0,831	962 ± 127	213 ± 32	<1,58	<3,08
	2.	2008/1589	<0,875	721 ± 96	302 ± 42	3,81 ± 1,53	<3,12
4	1.	2008/0602	<0,830	977 ± 129	181 ± 29	<1,59	<3,07
	2.	2008/1590	<0,775	388 ± 52	210 ± 30	1,95 ± 1,26	<2,84

Table 382 Grass specific activity - RR RAW, 2008