

Table B_0: Details on the division of the dense network (by purpose, method of measurement, territory and monitored item)

Division of the dense network by purpose	Network depending on the method of measurement and sampling	Network by territorial division	Monitored item	Table ¹⁾
For external exposure	Early Warning Network (SVZ)	Territorial	Atmosphere	B_1.a
	Network of integral measurement (TLD)	Territorial	Atmosphere	B_2.a
		Local	Atmosphere	B_2.b
	Network of instantaneous measurement	Territorial	Atmosphere	B_3.a
		Local	Atmosphere	B_3.b
	Network of spectrometry measurement	Territorial	Atmosphere	B_4.a
	Network of monitoring routes	Territorial	Atmosphere	B_5
Local		Atmosphere	B_5	
	Network of closure ²⁾	Border	-----	-----
For external and internal exposure	Network of environmental sampling including discharges	Territorial	Atmosphere	C_3.1, C_3.1a
		Local	Atmosphere	C_3.1, C_3.1b
		Territorial	Pedosphere	C_3.2, C_3.2a
		Local	Pedosphere	C_3.2, C_3.2b
		Territorial	Hydrosphere	C_3.3, C_3.3a
		Local	Hydrosphere	C_3.3, C_3.3b
		Territorial	Flora ²⁾	-----
		Local	Flora ²⁾	-----
For internal exposure	Network of food chain sampling	Territorial	Food chain	C_3.4, C_3.4.a
		Local	Food chain	C_3.4, C_3.4.b
	Network of human body sample measurement	Territorial	Human body	-----
		Local ³⁾	Human body	-----

¹⁾ B- and C-series tables in Annex 1 to the NMP showing the permanent measuring sites and sampling sites, and giving other details.

²⁾ Monitoring is conducted only in an emergency exposure situation, measuring/sampling sites are not determined.

³⁾ Monitoring in the local network in a planned exposure situation is conducted by licence holder for its employees on the basis of the approved MP; on the basis of the NMP, it is conducted only in an emergency exposure situation.

Table B_1.a: Details on the division of the dense network – Early Warning Network, territorial network, monitored item – atmosphere/air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1514	Bechyně				PPDE	0.20	Armed Forces of the Czech Republic
1519	Bílý Kříž	18.538333	49.538333	890	PPDE	0.20	CHMI
1526	Brno	16.615278	49.214167	245	PPDE	0.19	RC Brno
1530	Brno - Tuřany	16.691667	49.155000	241	PPDE	0.20	CHMI
1545	Č. Budějovice - SÚJB	14.465356	48.962286	390	PPDE	0.22	RC Č. Budějovice
1538	Čáslav				PPDE	0.20	Armed Forces of the Czech Republic
1539	Červená u Libavé	17.550000	49.766667	748	PPDE	0.22	CHMI
1548	České Budějovice	14.470000	48.951667	395	PPDE	0.24	CHMI
1132	Doksany	14.170000	50.458333	158	PPDE	0.24	CHMI
1463	Dukovany	16.133333	49.100000	400	PPDE	0.16	CHMI
1493	Frenštát pod Radhoštěm	18.235000	49.541667	450	PPDE	0.18	Fire Rescue Service of the Czech Republic
1151	Hodonín	17.120782	48.852879	195	PPDE	0.18	Fire Rescue Service of the Czech Republic
1154	Hojná Voda	14.725000	48.725000	818	PPDE	0.23	CHMI
1156	Holešov	17.571667	49.318333	222	PPDE	0.24	CHMI
1159	Hostivice - Břve				PPDE	0.20	Armed Forces of the Czech Republic
1494	Hradec Králové	15.838333	50.178333	278	PPDE	0.17	CHMI
1160	Hradec Králové - SÚJB	15.866667	50.238333	245	PPDE	0.25	RC Hradec Králové
1172	Cheb	12.400000	50.085000	483	PPDE	0.20	CHMI

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [$\mu\text{Sv/h}$]	Measuring site operator
1175	Churáňov	13.615000	49.068333	1118	PPDE	0.24	CHMI
1181	Jeseník	17.190000	50.241667	625	PPDE	0.20	CHMI
2490	Jihlava	15.600551	49.397047	520	PPDE	0.22	Fire Rescue Service of the Czech Republic
1187	Jince				PPDE	0.20	Armed Forces of the Czech Republic
1189	Jindřichův Hradec				PPDE	0.25	Armed Forces of the Czech Republic
1191	Kamenice	14.583333	49.905000	423	PPDE	0.20	Fire Rescue Service of the Czech Republic
1192	Kamenná	13.991667	49.623333	550	PPDE	0.23	RC Kamenná
1194	Karlovy Vary	12.916667	50.200000	603	PPDE	0.27	CHMI
1197	Klatovy				PPDE	0.21	Armed Forces of the Czech Republic
1201	Kocelovice	13.833333	49.466667	519	PPDE	0.25	CHMI
1210	Kostelní Myslová	15.433333	49.166667	569	PPDE	0.24	CHMI
1213	Kramolín - Košetice	15.081667	49.573333	532	PPDE	0.23	CHMI
1217	Kuchařovice	16.083333	48.883333	334	PPDE	0.19	CHMI
1225	Liberec				PPDE	0.24	Armed Forces of the Czech Republic
1226	Liberec - Airport	15.025000	50.770000	398	PPDE	0.20	CHMI
1234	Luká	16.950000	49.650000	510	PPDE	0.20	CHMI
1481	Lysá Hora	18.448333	49.546667	1322	PPDE	0.22	CHMI
1264	Náměšť nad Oslavou				PPDE	0.20	Armed Forces of the Czech Republic
1278	Olomouc				PPDE	0.20	Armed Forces of

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [$\mu\text{Sv/h}$]	Measuring site operator
							the Czech Republic
1277	Olomouc - SÚJB	17.298333	49.598333	219	PPDE	0.20	Fire Rescue Service of the Czech Republic
1281	Opava	17.910000	49.945000	255	PPDE	0.20	CHMI
1282	Opava - Armed Forces of the Czech Republic				PPDE	0.21	Armed Forces of the Czech Republic
1286	Ostrava	18.285000	49.835000	250	PPDE	0.17	RC Ostrava
1288	Ostrava - Mošnov	18.120000	49.698333	250	PPDE	0.23	CHMI
1306	Pardubice				PPDE	0.20	Armed Forces of the Czech Republic
1308	Pec pod Sněžkou	15.728333	50.691667	816	PPDE	0.22	CHMI
1313	Plzeň	13.363538	49.725790	395	PPDE	0.17	RC Plzeň
2748	Polom	16.322222	50.350278	747	PPDE	0.25	CHMI
1317	Prague - Libuš	14.446667	50.008333	302	PPDE	0.20	CHMI
1318	Prague - Ruzyně	14.253333	50.100000	364	PPDE	0.23	CHMI
1319	Prague - SÚJB	14.431667	50.086667	215	PPDE	0.16	RC Prague
1320	Prague - SÚRO	14.451667	50.061667	219	PPDE	0.21	SÚRO
1325	Přebuz	12.615000	50.373333	904	PPDE	0.20	CHMI
1330	Přibyslav	15.766667	49.583333	533	PPDE	0.27	CHMI
1332	Přimda	12.678333	49.670000	742	PPDE	0.20	CHMI
1504	Rýchory	15.850000	50.660000	1001	PPDE	0.20	CHMI
1373	Stará Boleslav				PPDE	0.20	Armed Forces of the Czech Republic
1506	Strakonice				PPDE	0.20	Armed Forces of the Czech Republic
1383	Svratouch	16.033333	49.733333	734	PPDE	0.20	CHMI

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [$\mu\text{Sv/h}$]	Measuring site operator
1387	Štítná Vláří	18.006667	49.051667	600	PPDE	0.20	CHMI
1390	Tábor				PPDE	0.21	Armed Forces of the Czech Republic
1393	Temelín	14.341667	49.198333	500	PPDE	0.22	CHMI
1400	Tišnov	16.443333	49.336667	265	PPDE	0.22	Fire Rescue Service of the Czech Republic
1407	Tušimice	13.328333	50.376667	322	PPDE	0.18	CHMI
3140	Týn nad Vltavou	14.421536	49.223794	362	PPDE	0.20	SÚJB
1418	Ústí nad Labem	14.040000	50.683333	375	PPDE	0.25	CHMI
1508	Ústí nad Labem - SÚJB	14.031667	50.670000	270	PPDE	0.30	RC Ústí nad Labem
1424	Ústí nad Orlicí	16.421667	49.980000	402	PPDE	0.21	CHMI
1425	Valdek	14.513333	50.975000	438	PPDE	0.20	CHMI
1427	Valtice - Sedlec	16.725000	48.791667	245	PPDE	0.20	CHMI
1440	Vyškov na Moravě				PPDE	0.20	Armed Forces of the Czech Republic
1446	Zlín	17.700000	49.221667	300	PPDE	0.23	Fire Rescue Service of the Czech Republic
1456	Žatec				PPDE	0.20	Armed Forces of the Czech Republic

Notes:

For all measuring sites, the recording level is 0.05 $\mu\text{Sv/h}$ according to the requirements for the minimum detectable value in Table 2 in Annex 3 to Decree No. 360/2016 Coll.; the intervention level is 0.50 $\mu\text{Sv/h}$.

Measuring devices used: SÚJB, Czech Hydrometeorological Institute, Fire Rescue Service of the Czech Republic, National Radiation Protection Institute - NUEM; Armed Forces of the Czech Republic - BITT Technology RS 04H.

Procedure used: CM2014_1 "Operation of the Early Warning Network as part of the Radiation Monitoring Network".

Table B_2.a: Details on the division of the dense network – Network of Integral Measurement (TLD), territorial network, monitored item – air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1515	Benešov	14.693056	49.777500	363	PPDE	0.16	RC Kamenná
1516	Benešov b	14.693056	49.777500	363	PPDE	0.14	RC Kamenná
1517	Beroun	14.096098	49.963969	225	PPDE	0.13	SÚRO
1518	Beroun b	14.095817	49.964407	225	PPDE	0.18	SÚRO
1522	Blansko	16.643166	49.368750	294	PPDE	0.15	RC Brno
1523	Blatná	13.883028	49.432667	441	PPDE	0.18	RC Č. Budějovice
1525	Brandýs nad Labem	14.660428	50.189694	185	PPDE	0.10	SÚRO
1528	Brno	16.615472	49.214333	245	PPDE	0.16	RC Brno
1531	Brno b	16.610944	49.200944	245	PPDE	0.15	RC Brno
1532	Broumov	16.334444	50.580556	390	PPDE	0.15	RC Hradec Králové
1533	Bruntál	17.464194	49.988333	540	PPDE	0.14	RC Ostrava
1540	Červená Voda	16.736083	50.044111	530	PPDE	0.15	RC Hradec Králové
1541	Červená Voda b	16.736444	50.044361	530	PPDE	0.23	RC Hradec Králové
1543	Česká Lípa	14.548834	50.685854	273	PPDE	0.14	RC Ústí nad Labem
3074	Česká Lípa B	14.536901	50.677894	248	PPDE	0.15	RC Ústí nad Labem
1547	České Budějovice	14.465389	48.962278	389	PPDE	0.16	RC České Budějovice
1550	České Budějovice b	14.465250	48.961917	389	PPDE	0.21	RC České Budějovice
1551	Český Krumlov	14.324722	48.812778	520	PPDE	0.18	RC České Budějovice
1552	Český Krumlov b	14.324444	48.811389	520	PPDE	0.21	RC České Budějovice
1129	Děčín	14.183608	50.791530	269	PPDE	0.10	RC Ústí nad Labem
1131	Dobrá Voda	14.721417	48.740250	753	PPDE	0.16	RC České Budějovice
1492	Doksy	14.667393	50.568159	271	PPDE	0.12	RC Ústí nad Labem
1135	Domažlice	12.920193	49.440413	427	PPDE	0.13	RC Plzeň
1136	Domažlice b	12.920193	49.440413	427	PPDE	0.21	RC Plzeň
1468	Frýdlant nad Ostravicí	18.372167	49.577583	390	PPDE	0.11	RC Ostrava

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [$\mu\text{Sv/h}$]	Measuring site operator
1145	Havlíčkův Brod	15.565444	49.614361	439	PPDE	0.16	RC Hradec Králové
1146	Havlíčkův Brod b	15.570611	49.610528	441	PPDE	0.17	RC Hradec Králové
1152	Hodonín	17.107361	48.864444	190	PPDE	0.12	RC Brno
1153	Hodonín b	17.107361	48.864444	190	PPDE	0.18	RC Brno
1155	Hojsova Stráž	13.199844	49.209486	896	PPDE	0.17	RC Plzeň
1162	Hradec Králové	15.867333	50.238028	240	PPDE	0.12	RC Hradec Králové
1163	Hradec Králové b	15.867333	50.238028	240	PPDE	0.13	RC Hradec Králové
1164	Hradec Králové SVZ	15.867333	50.238028	240	PPDE	0.14	RC Hradec Králové
1165	Hranice	17.722028	49.551722	255	PPDE	0.13	RC Ostrava
1168	Humpolec	15.356944	49.550861	546	PPDE	0.18	RC České Budějovice
1170	Husinec	14.357226	50.171115	200	PPDE	0.15	SÚRO
1171	Cheb	12.391465	50.068090	481	PPDE	0.11	RC Plzeň
1173	Chrudim	15.806944	49.951050	275	PPDE	0.14	RC Hradec Králové
1174	Churáňov	13.615278	49.066833	1079	PPDE	0.15	RC České Budějovice
1180	Jeseník	17.188250	50.221972	450	PPDE	0.10	RC Ostrava
1182	Jeseník b	17.193250	50.225920	450	PPDE	0.17	RC Ostrava
1184	Jičín	15.355861	50.438444	285	PPDE	0.16	RC Hradec Králové
1469	Jihlava	15.540833	49.388583	529	PPDE	0.16	RC Brno
1186	Jihlava b	15.541389	49.388750	529	PPDE	0.21	RC Brno
1188	Jindřichův Hradec	15.003222	49.139000	481	PPDE	0.16	RC České Budějovice
1190	Jindřichův Hradec b	15.005722	49.139472	481	PPDE	0.21	RC České Budějovice
1193	Karlovy Vary	12.911604	50.201347	602	PPDE	0.16	RC Plzeň
1480	Karlovy Vary b	12.911604	50.201347	602	PPDE	0.10	RC Plzeň
1195	Kladno	14.097700	50.141963	320	PPDE	0.16	SÚRO
1196	Klatovy	13.302096	49.390858	425	PPDE	0.16	RC Plzeň
1198	Klatovy b	13.300242	49.390737	425	PPDE	0.18	RC Plzeň
1205	Kolín	15.191862	50.019745	235	PPDE	0.13	SÚRO

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1209	Koryčany	17.179861	49.116556	283	PPDE	0.15	RC Brno
1211	Košetice	15.080583	49.573472	520	PPDE	0.14	RC České Budějovice
1212	Košetice b	15.081028	49.573389	520	PPDE	0.12	RC České Budějovice
1464	Kralovice	13.491059	49.987880	467	PPDE	0.12	RC Plzeň
1496	Kraslice	12.520931	50.343889	585	PPDE	0.16	RC Plzeň
1214	Kroměříž	17.379723	49.305889	192	PPDE	0.13	RC Brno
1218	Kutná Hora	15.268007	49.947989	300	PPDE	0.11	SÚRO
1220	Kutná Hora b	15.255059	49.946013	300	PPDE	0.17	SÚRO
1224	Liberec	15.077246	50.772214	397	PPDE	0.23	RC Ústí nad Labem
1227	Liberec b	15.076793	50.772410	397	PPDE	0.23	RC Ústí nad Labem
1229	Litoměřice	14.107744	50.544324	238	PPDE	0.12	RC Ústí nad Labem
1497	Litoměřice b	14.132826	50.534556	238	PPDE	0.16	RC Ústí nad Labem
1233	Louny	13.796299	50.353209	200	PPDE	0.14	RC Ústí nad Labem
2798	Mariánské Lázně	12.691385	49.959444	568	PPDE	0.14	RC Plzeň
2800	Mariánské Lázně b	12.691385	49.959444	568	PPDE	0.18	RC Plzeň
1239	Měděnec - Kotlina	13.132489	50.429469	848	PPDE	0.11	RC Ústí nad Labem
2810	Mělník	14.467897	50.357036	160	PPDE	0.12	SÚRO
2804	Mělník b	14.467562	50.357407	160	PPDE	0.11	SÚRO
1241	Mikulov	16.625778	48.806972	263	PPDE	0.13	RC Brno
1482	Milevsko	14.387222	49.439444	465	PPDE	0.22	RC České Budějovice
1243	Milevsko b	14.386139	49.439917	465	PPDE	0.19	RC České Budějovice
1244	Mladá Boleslav	14.911379	50.429403	240	PPDE	0.11	SÚRO
1245	Mladá Boleslav b	14.911539	50.429382	240	PPDE	0.14	SÚRO
1246	Mníšek pod Brdy	14.272778	49.871944	377	PPDE	0.15	RC Kamenná
1256	Most	13.628807	50.506547	313	PPDE	0.13	RC Ústí nad Labem
1257	Most b	13.628807	50.506547	313	PPDE	0.14	RC Ústí nad Labem
2816	Náchod	16.168194	50.410139	370	PPDE	0.13	RC Hradec Králové

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
3078	Náchod b	16.166111	50.410000	360	PPDE	0.13	RC Hradec Králové
1265	Nepomuk	13.580987	49.487294	438	PPDE	0.22	RC Plzeň
1266	Nová Bystřice	15.101750	49.024972	591	PPDE	0.19	RC České Budějovice
1267	Nová Říše	15.543166	49.146333	542	PPDE	0.17	RC Brno
1270	Nová Ves v Horách	13.485630	50.592526	666	PPDE	0.14	RC Ústí nad Labem
3124	Nové Město pod Smrkem	15.230206	50.926147	468	PPDE	0.14	RC Ústí nad Labem
1272	Nový Jičín	18.025720	49.604030	300	PPDE	0.12	RC Ostrava
1273	Nymburk	15.044644	50.188947	190	PPDE	0.12	SÚRO
1274	Nymburk b	15.044462	50.189036	190	PPDE	0.15	SÚRO
1275	Odry b	17.828111	49.665556	300	PPDE	0.14	RC Ostrava
1483	Olomouc	17.256972	49.614722	215	PPDE	0.13	RC Ostrava
1279	Olomouc b	17.251700	49.594500	210	PPDE	0.14	RC Ostrava
1280	Opava	17.886750	49.951611	250	PPDE	0.10	RC Ostrava
1283	Opava b	17.881944	49.935972	270	PPDE	0.14	RC Ostrava
1284	Opočno	16.111944	50.269444	295	PPDE	0.12	RC Hradec Králové
1501	Osoblaha	17.712972	50.272611	235	PPDE	0.14	RC Ostrava
1289	Ostrava - Hospital Poruba	18.162083	49.829361	260	PPDE	0.12	RC Ostrava
1290	Ostrava - Syllabova	18.250217	49.809619	230	PPDE	0.13	RC Ostrava
1291	Ostrava - Syllabova b	18.250083	49.809622	230	PPDE	0.15	RC Ostrava
1305	Pardubice	15.763194	50.027167	210	PPDE	0.12	RC Hradec Králové
1307	Pec pod Sněžkou	15.728667	50.691972	820	PPDE	0.15	RC Hradec Králové
1309	Pec pod Sněžkou b	15.728611	50.691972	820	PPDE	0.20	RC Hradec Králové
1375	Pelhřimov	15.229778	49.433722	503	PPDE	0.22	RC České Budějovice
1472	Pelhřimov b	15.229056	49.433472	503	PPDE	0.18	RC České Budějovice
1310	Sand	14.155556	49.302778	392	PPDE	0.17	RC České Budějovice
1311	Písek b	14.155694	49.301583	392	PPDE	0.20	RC České Budějovice
1314	Plzeň	13.363686	49.725799	350	PPDE	0.14	RC Plzeň

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1315	Plzeň b	13.363686	49.725799	346	PPDE	0.15	RC Plzeň
1316	Plzeň-SVZ	13.363686	49.725799	350	PPDE	0.13	RC Plzeň
1292	Prague 1 - SÚJB	14.432139	50.086181	195	PPDE	0.13	RC Prague
1293	Prague 1 - SÚJB b	14.432139	50.086181	195	PPDE	0.15	RC Prague
1294	Prague 10 - Hostivař	14.531056	50.063667	265	PPDE	0.16	RC Prague
1296	Prague 10 - SZÚ	14.470083	50.07525	240	PPDE	0.13	RC Prague
1297	Prague 4 - Libuš-West	14.451111	50.007639	300	PPDE	0.13	RC Prague
1298	Prague 4 - Libuš-West b	14.451111	50.007639	300	PPDE	0.15	RC Prague
1299	Prague 4 - National Radiation Protection Institute	14.452517	50.061714	205	PPDE	0.14	SÚRO
1484	Prague 4 - National Radiation Protection Institute b	14.452256	50.061731	210	PPDE	0.17	SÚRO
1300	Prague 5 - Na Černém vrchu	14.389000	50.067472	285	PPDE	0.15	RC Prague
1502	Prague 5 - Na Černém vrchu b	14.389000	50.067472	285	PPDE	0.18	RC Prague
1301	Prague 6 - Ruzyně-Airport	14.284056	50.096222	365	PPDE	0.13	RC Prague
1302	Prague 7 - ZOO	14.411778	50.116500	185	PPDE	0.11	RC Prague
1303	Prague 8 - Za střelnicí	14.768278	50.222222	290	PPDE	0.16	RC Prague
1304	Prague 8 - Za střelnicí b	14.768278	50.222222	290	PPDE	0.15	RC Prague
1321	Prachatice	14.008000	49.007361	607	PPDE	0.17	RC České Budějovice
1322	Prachatice b	14.012222	49.00775	607	PPDE	0.13	RC České Budějovice
1323	Prostějov	17.153833	49.465167	215	PPDE	0.14	RC Brno
1327	Přerov	17.457778	49.480278	220	PPDE	0.14	RC Ostrava
2806	Příbram	14.003611	49.675833	556	PPDE	0.14	RC Kamenná
2808	Příbram b	13.989722	49.681667	556	PPDE	0.16	RC Kamenná
1331	Přimda	12.678151	49.669457	743	PPDE	0.15	RC Plzeň
1333	Přimda b	12.678151	49.669457	743	PPDE	0.20	RC Plzeň
1335	Rakovník	13.715008	50.107858	320	PPDE	0.27	SÚRO
2820	Rakovník b	13.724487	50.094066	320	PPDE	0.16	SÚRO

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1344	Rychnov nad Kněžnou	16.271389	50.169083	318	PPDE	0.12	RC Hradec Králové
2822	Řež	14.370121	50.182289	183	PPDE	0.14	SÚRO
1346	Sedlčany	14.426389	49.658889	359	PPDE	0.27	RC Kamenná
3112	Semily	15.336500	50.602000	327	PPDE	0.13	RC Hradec Králové
1357	Soběslav	14.723222	49.251778	407	PPDE	0.13	RC České Budějovice
1358	Souš	15.319415	50.789735	761	PPDE	0.16	RC Ústí nad Labem
1371	Staňkov	13.067347	49.552532	362	PPDE	0.14	RC Plzeň
2814	Staňkovice	15.017778	49.875278	431	PPDE	0.16	RC Kamenná
1377	Strakonice	13.906028	49.266778	408	PPDE	0.18	RC České Budějovice
1378	Strakonice b	13.906389	49.266667	408	PPDE	0.16	RC České Budějovice
1379	Strání	17.712222	48.882000	328	PPDE	0.12	RC Brno
1380	Stříbro	12.997383	49.754549	413	PPDE	0.13	RC Plzeň
1381	Stříbro b	12.997611	49.754119	413	PPDE	0.17	RC Plzeň
1382	Svitavy	16.466666	49.753611	460	PPDE	0.14	RC Hradec Králové
1386	Šluknov	14.441361	51.005429	343	PPDE	0.12	RC Ústí nad Labem
1388	Šumperk	16.961972	49.947806	305	PPDE	0.12	RC Ostrava
1389	Tábor	14.653333	49.417861	443	PPDE	0.21	RC České Budějovice
1391	Tábor b	14.653111	49.418278	443	PPDE	0.24	RC České Budějovice
3106	Teplice	13.851256	50.645274	258	PPDE	0.14	RC Ústí nad Labem
1402	Trutnov	15.909361	50.557167	464	PPDE	0.16	RC Hradec Králové
1403	Třebíč	15.913000	49.214667	397	PPDE	0.22	RC Brno
1406	Třinec	18.648361	49.621306	465	PPDE	0.10	RC Ostrava
1411	Uherské Hradiště	17.518306	49.090861	196	PPDE	0.15	RC Brno
1412	Uničov	17.127000	49.770720	235	PPDE	0.13	RC Ostrava
1419	Ústí nad Labem - Habrovice	14.001335	50.705236	278	PPDE	0.10	RC Ústí nad Labem
1420	Ústí nad Labem - Habrovice b	14.001335	50.705236	278	PPDE	0.18	RC Ústí nad Labem
1421	Ústí nad Labem - Kočkov	14.041124	50.683363	374	PPDE	0.12	RC Ústí nad Labem

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [$\mu\text{Sv/h}$]	Measuring site operator
1422	Ústí n. Lab. - Střekov nad hradem	14.057180	50.635339	206	PPDE	0.12	RC Ústí nad Labem
1423	Ústí nad Orlicí	16.404528	49.970167	350	PPDE	0.13	RC Hradec Králové
1429	Vír	16.307250	49.562306	430	PPDE	0.19	RC Brno
1431	Vítkov	17.734583	49.803500	485	PPDE	0.14	RC Ostrava
1432	Vlašim	14.897500	49.706944	373	PPDE	0.15	RC Kamenná
1434	Volary	13.891000	48.908667	762	PPDE	0.15	RC České Budějovice
1434	Volary	13.891000	48.908667	762	PPDE	0.15	RC České Budějovice
1437	Vsetín	17.957472	49.304833	390	PPDE	0.11	RC Ostrava
1439	Vyškov	16.960972	49.307639	308	PPDE	0.16	RC Brno
2744	Vyšší Brod	14.307778	48.613056	625	PPDE	0.19	RC České Budějovice
1444	Zbiroh	13.751385	49.856328	486	PPDE	0.14	RC Plzeň
1445	Zbiroh b	13.751385	49.856328	486	PPDE	0.15	RC Plzeň
1447	Zlín	17.693027	49.228639	232	PPDE	0.13	RC Brno
1448	Zlín b	17.702194	49.227445	242	PPDE	0.15	RC Brno
1450	Znojmo	16.051167	48.871278	320	PPDE	0.16	RC Brno
1452	Znojmo b	16.051167	48.871278	324	PPDE	0.19	RC Brno
3128	Žatec	13.545265	50.324170	249	PPDE	0.14	RC Ústí nad Labem
3126	Žatec B	13.545265	50.324170	249	PPDE	0.19	RC Ústí nad Labem
1458	Žďár nad Sázavou	15.946583	49.566444	583	PPDE	0.16	RC Brno
1459	Žlutice	13.127613	50.085815	503	PPDE	0.13	RC Plzeň
1460	Žlutice b	13.127193	50.085543	503	PPDE	0.20	RC Plzeň

Notes:

The "b" letter in the name of the measuring site means that the thermoluminescent dosimeter is located inside a building.

For all measuring sites, the recording level is $0.05 \mu\text{Sv/h}$, which corresponds to $30 \mu\text{Sv/quarter}$, according to the requirements for the minimum detectable value in Table 2 in Annex 3 to Decree No. 360/2016 Coll.; the intervention level is $0.50 \mu\text{Sv/h}$.

Measuring device used: Harshaw 6600 or Harshaw 4500.

Procedure used: CM2013_2 "Determination of $H^*(10)$ by means of integral dosimeters within the Radiation Monitoring Network".

Table B_2.b: Details on the division of the dense network – Network of Integral Measurement (TLD), local network, monitored item – air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
1520	Biskupice	16.008694	49.041000	414	PPDE	0.15	RC Brno
3224	Brod	14.012047	49.660971	521	PFDE	0.70	DIAMO
3262	Břevniště – čp. 57	14.864400	50.710600	326	PFDE	0.70	DIAMO
3230	Bytíz	14.073699	49.681935	514	PFDE	0.70	DIAMO
3246	Česká Lhota	14.281348	49.099218	388	PFDE	0.70	DIAMO
1130	Dívčice	14.309444	49.103528	398	PPDE	0.16	RC České Budějovice
3214	Dolní Rožínka	16.209017	49.480700	523	PFDE	0.70	DIAMO
3228	Dubenec	14.081166	49.696667	457	PFDE	0.70	DIAMO
3256	Dubnice – no. 12	14.805710	50.717600	308	PFDE	0.70	DIAMO
1139	Dukovany	16.189194	49.075417	372	PPDE	0.16	RC Brno
3216	Dvořiště	16.232883	49.485867	482	PFDE	0.70	DIAMO
3234	Háje	14.047115	49.672902	576	PFDE	0.70	DIAMO
3258	Hamr n. J. – ZBZS	14.840810	50.702360	318	PFDE	0.70	DIAMO
1143	Hartvíkovice	16.094805	49.172361	465	PPDE	0.18	RC Brno
1147	Hluboká nad Vltavou	14.453111	49.051528	410	PPDE	0.16	RC České Budějovice
3132	Ivančice	16.367722	49.089417	232	PPDE	0.17	RC Brno
3130	Jaroměřice nad Rokytnou	15.902583	49.094278	433	PPDE	0.19	RC Brno
3238	Kamenná	13.993562	49.623587	520	PFDE	0.70	DIAMO
3226	Lešetice	14.018380	49.647020	525	PFDE	0.70	DIAMO
1470	Litoradlice	14.418667	49.174111	434	PPDE	0.14	RC České Budějovice
1247	Mohelno	16.196222	49.120250	357	PPDE	0.16	RC Brno
1251	Moravský Krumlov	16.300972	49.044694	290	PPDE	0.15	RC Brno
1258	Mydlovary	14.351861	49.093389	410	PPDE	0.16	RC České Budějovice
3240	Mydlovary	14.354210	49.092663	407	PFDE	0.70	DIAMO
1262	Náměšť nad Oslavou	16.156556	49.203417	370	PPDE	0.15	RC Brno

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μSv/h]	Measuring site operator
3236	Narysov - Na Výfuku	13.974446	49.649737	570	PFDE	0.70	DIAMO
3254	Noviny p. R. – no. 75	14.752610	50.692000	289	PFDE	0.70	DIAMO
3252	Waste pond – centre	14.772980	50.710140	328	PFDE	0.70	DIAMO
3134	Olešník	14.364528	49.107583	420	PPDE	0.16	RC České Budějovice
3244	Olešník	14.367044	49.107467	417	PFDE	0.70	DIAMO
3248	Osečná – no. 136	14.920270	50.696660	369	PFDE	0.70	DIAMO
1324	Protivín	14.211389	49.201944	395	PPDE	0.18	RC České Budějovice
3232	Příbram - Sázky	14.016982	49.678285	506	PFDE	0.70	DIAMO
1334	Radonice	14.548139	49.144972	529	PPDE	0.15	RC České Budějovice
1337	Rešice	16.162917	49.048444	320	PPDE	0.17	RC Brno
1339	Rouchovany	16.101750	49.068972	332	PPDE	0.15	RC Brno
3212	Rozsochy	16.204350	49.517717	508	PFDE	0.70	DIAMO
3218	Rožná	16.245883	49.473667	454	PFDE	0.70	DIAMO
1351	Skryje	16.134472	49.095527	407	PPDE	0.10	RC Brno
1486	Slavětice	16.114583	49.104333	413	PPDE	0.16	RC Brno
3250	Stráž p. R. – police	14.800470	50.703770	308	PFDE	0.70	DIAMO
1385	Ševětín	14.577417	49.099889	477	PPDE	0.19	RC České Budějovice
3136	Temelín	14.342056	49.197750	501	PPDE	0.15	RC České Budějovice
1408	Týn nad Vltavou	14.408194	49.227361	369	PPDE	0.16	RC České Budějovice
3260	Útěchovice – no. 5	14.839390	50.710100	324	PFDE	0.70	DIAMO
1430	Višňové	16.159306	48.985389	332	PPDE	0.15	RC Brno
1462	Vladislav	15.987194	49.213472	425	PPDE	0.22	RC Brno
1433	Vodňany	14.185000	49.145000	393	PPDE	0.18	RC České Budějovice
3138	Zakřany	16.319750	49.169167	400	PPDE	0.17	RC Brno
3242	Zbudov	14.311015	49.093106	389	PFDE	0.70	DIAMO

Notes:

Local network of the area surrounding the nuclear power installation (Operator of the measuring sites RC Brno, RC České Budějovice).

For those measuring sites, the recording level is 0.05 $\mu\text{Sv/h}$, which corresponds to 30 $\mu\text{Sv/quarter}$, according to the requirements for the minimum detectable value in Table 2 in Annex 3 to Decree No. 360/2016 Coll.; the intervention level is 0.50 $\mu\text{Sv/h}$.

Measuring device used: Harshaw 6600 or Harshaw 4500.

Procedure used: CM2013_2 "Determination of $H^*(10)$ by means of integral dosimeters within the Radiation Monitoring Network".

Local network of the heap, waste pond or any other residues from the practices associated with the extraction of radioactive mineral or from any other mining practices associated with the occurrence of radioactive mineral (Operator of the measuring site DIAMO).

For those measuring sites, the recording level is 0.05 $\mu\text{Sv/h}$, which corresponds to 30 $\mu\text{Sv/quarter}$, according to the requirements for the minimum detectable value in Table 2 in Annex 3 to Decree No. 360/2016 Coll.; the intervention level is 1.00 $\mu\text{Sv/h}$.

Measuring device used: Harshaw 6600 or Harshaw 4500.

In addition to the PFDE, the radon equivalent equilibrium concentration (radon EEC) is measured in all measuring sites within the network – length of the monitoring period: 1 month, frequency of measurement: 12 times a year.

Device used: stationary dosimeter type ALGADE.

Procedure used: Determination of the PFDE by means of the thermoluminescent dosimeter.

Table B_3.a: Details on the division of the dense network – Network of Instantaneous Measurement, territorial network, monitored item – air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μGy/h]	Measuring site operator
1527	Brno	16.601667	49.195000	245	DP	0.25	RC Brno
1546	České Budějovice	14.465000	48.961667	390	DP	0.25	RC České Budějovice
1161	Hradec Králové	15.866667	50.238333	245	DP	0.25	RC Hradec Králové
1495	Kamenná	13.991667	49.623333	550	DP	0.25	RC Kamenná
1287	Ostrava	18.285000	49.835000	250	DP	0.25	RC Ostrava
1485	Plzeň	13.363333	49.726667	395	DP	0.25	RC Plzeň
2161	Prague - SÚJB	14.431667	50.086667	215	DP	0.25	RC Prague
1417	Ústí nad Labem	14.031667	50.670000	270	DP	0.25	RC Ústí nad Labem

Table B_3.b: Details on the division of the dense network – Network of Instantaneous Measurement, local network, monitored item – air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Investigation level [μGy/h]	Measuring site operator
3220	Jelenní vrch	16.898900	50.409883	585	DP	2.00	DIAMO
3222	Kamenec	16.413000	50.261117	602	DP	2.00	DIAMO

Notes:

For all measuring sites, the recording level is 0.05 μGy/h according to the requirements for the minimum detectable value in Table 2 in Annex 3 to Decree No. 360/2016 Coll.; the intervention level is 0.50 μGy/h (it is not determined for the measuring sites within the local network).

Measuring device used: e.g. DC – 3E.

Procedure used: CM2015_1 “Methodology for the detection of radioactive substances in the affected area – Operation of mobile groups in radiation accident monitoring”.

Table B_4.a: Details on the division of the dense network – Network of Spectrometry Measurement, territorial network, monitored item – air

Identifier	Measuring site	Longitude [°]	Latitude [°]	Altitude [m]	Measured physical quantity	Unit	Measuring site operator
1526	Brno	16.601667	49.195000	245	Spectra	Imp/s	RC Brno
1545	Č. Budějovice - SÚJB	14.465000	48.961667	390	Spectra	Imp/s	RC České Budějovice
1160	Hradec Králové - SÚJB	15.866667	50.238333	245	Spectra	Imp/s	RC Hradec Králové
1192	Kamenná	13.991667	49.623333	550	Spectra	Imp/s	RC Kamenná
1286	Ostrava	18.285000	49.835000	250	Spectra	Imp/s	RC Ostrava
1313	Plzeň	13.363333	49.726667	395	Spectra	Imp/s	RC Plzeň
1319	Prague - SÚJB	14.431667	50.086667	215	Spectra	Imp/s	Prague - SÚJB
1320	Prague - SÚRO	14.451667	50.061667	219	Spectra	Imp/s	National Radiation Protection Institute Prague
1508	Ústí nad Labem - SÚJB	14.031667	50.670000	270	Spectra	Imp/s	RC Ústí nad Labem

Notes:

Measuring device used: Exploranium GR 135.

Procedure used: CM2015_1 “Methodology for the detection of radioactive substances in the affected area – Operation of mobile groups in radiation accident monitoring”.

Table B_5: Details on the division of the dense network – Network of Monitoring Routes, monitored item – air

Identifier	Measuring site name	Measured physical quantity	Unit	Device	Entity
290	1 MS AČR	PPDE	μSv/h	Mob-DOSE MK	Armed Forces of the Czech Republic
300	2 MS AČR	PPDE	μSv/h	Mob-DOSE MK	Armed Forces of the Czech Republic
520	1 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Brno
530	2 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration České Budějovice
540	3 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Hradec Králové
550	4 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Olomouc
560	5 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Ostrava
570	6 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Plzeň
580	7 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Prague
590	8 MS CS	PPDE	μSv/h	Mob-DOSE MK	Customs Administration Ústí nad Labem
510	5 MS HZS	PPDE	μSv/h	Mob-DOSE MK	Chemical Laboratory of the Fire Rescue Service of the Moravian-Silesian Region, Frenštát
480	2 MS HZS	PPDE	μSv/h	Mob-DOSE MK	Chemical Laboratory of the Fire Rescue Service of the Central Bohemian Region, Kamenice
470	1 MS HZS	PPDE	μSv/h	Mob-DOSE MK	Chemical Laboratory of the Population Protection Institute, Lázně Bohdaneč
500	4 MS HZS	PPDE	μSv/h	Mob-DOSE MK	Chemical Laboratory of the Fire Rescue Service of the South Moravian Region, Tišnov
490	3 MS HZS	PPDE	μSv/h	Mob-DOSE MK	Chemical Laboratory of the Fire Rescue Service of the Plzeň Region, Třemošná
620	1 MS PČR	PPDE	μSv/h	Mob-DOSE MK	Police of the Czech Republic
630	2 MS PČR	PPDE	μSv/h	Mob-DOSE MK	Police of the Czech Republic
330	1 MS BM	PPDE	μSv/h	Mob-DOSE MK	RC Brno
350	1 MS CB	PPDE	μSv/h	Mob-DOSE MK	RC České Budějovice
370	1 MS HK	PPDE	μSv/h	Mob-DOSE MK	RC Hradec Králové
450	1 MS KA	PPDE	μSv/h	Mob-DOSE MK	RC Kamenná
390	1 MS OV	PPDE	μSv/h	Mob-DOSE MK	RC Ostrava

Identifier	Measuring site name	Measured physical quantity	Unit	Device	Entity
410	1 MS PM	PPDE	μSv/h	Mob-DOSE MK	RC Plzeň
310	1 MS AB	PPDE	μSv/h	Mob-DOSE MK	RC Prague
430	1 MS UL	PPDE	μSv/h	Mob-DOSE MK	RC Ústí nad Labem
600	1 MS SÚRO	PPDE	μSv/h	Mob-DOSE MK	SÚRO
610	2 MS SÚRO	PPDE	μSv/h	Mob-DOSE MK	SÚRO
698	LeS SÚRO/AČR	DP	μGy/h	IRIS	The National Radiation Protection Institute in cooperation with the Armed Forces of the Czech Republic
670	LeS SÚRO/PČR	DP	μGy/h	IRIS	The National Radiation Protection Institute in cooperation with the Police of the Czech Republic

Notes:

Mobile groups are obliged to conduct at least one measurement per month.

Air groups are obliged to conduct at least one measurement per year.

Procedure used for mobile groups: CM2015_1 "Methodology for the detection of radioactive substances in the affected area – Operation of mobile groups in radiation accident monitoring".

Procedure used for air groups: VDMI 091 "Determination of the photon dose equivalent rate, surface and activity concentration for selected radionuclides".