

FREE FOR PUBLIC USE

Status of Measurements of Ru-106 and Ru-103 in Europe

at 2017-11-24, 15:00 UTC

Table 1 – Ru-106 Measurement data provided to the IAEA as of 2017-11-24 at 15:00 UTC

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Bulgaria	Site of Kozloduy NPP	5.89E+01	43.74611	23.77056	2017-09-15 00:00	2017-10-02 00:00	2017-09-23 12:00	
Hungary	Budapest	4.70E-01	47.2952	19.0223	2017-09-22 00:00	2017-09-25 00:00	2017-09-23 12:00	NA
Netherlands	Bilthoven	< 4.3E-03	52.1365	5.2104	2017-09-21 00:00	2017-09-28 00:00	2017-09-24 12:00	
Hungary	Budapest	2.74E+00	47.2952	19.0223	2017-09-25 00:00	2017-09-26 00:00	2017-09-25 12:00	NA
Norway	Sola	< 0.001	58.88	5.64	2017-09-22 00:00	2017-09-29 00:00	2017-09-25 12:00	
Ukraine		3.90E+00	47.820885	31.18626	2017-09-22 00:00	2017-09-29 00:00	2017-09-25 12:00	
Hungary	Budapest	1.72E+00	47.2952	19.0223	2017-09-26 00:00	2017-09-27 00:00	2017-09-26 12:00	NA
Kazakhstan	Object 300, former Semipalatinsk Test Site	7.40E-02	50.351800	80.229500	2017-09-13 00:00	2017-10-06 00:00	2017-09-26 12:00	10
Sweden	Visby	< 0.01	57.61	18.32	2017-09-25 06:00	2017-09-28 06:00	2017-09-26 18:00	
Bosnia and Herzegovina	Sarajevo	4.76E+00	43.8638889	18.4175	2017-09-22 00:00	2017-10-02 00:00	2017-09-27 00:00	8
Sweden	Ljungbyhed	< 0.004	56.08	13.22	2017-09-25 06:35	2017-09-29 06:10	2017-09-27 06:22	
Estonia	Harku	<MDA	59.3863	24.5788	2017-09-24 00:00	2017-10-01 00:00	2017-09-27 12:00	
Hungary	Budapest	1.99E+00	47.2952	19.0223	2017-09-27 00:00	2017-09-28 00:00	2017-09-27 12:00	NA
Norway	Viksjøfjell	< 0.002	69.62	30.81	2017-09-24 00:00	2017-10-01 00:00	2017-09-27 12:00	
Sweden	Gävle	< 0.01	60.67	17.19	2017-09-26 10:10	2017-09-29 11:45	2017-09-27 22:57	
Austria	Alt-Prerau	1.10E+01	48.79644	16.47525	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 00:00	8

¹ The field is blank if no relevant information was provided by the Member State.

² For the measured values which are less than the Minimum Detectable Activity (MDA), either the numerical value of the minimum detectable activity is stated (if it was provided by the Member State) or <MDA is stated.

³ The number of significant digits is as was provided by the Member State. In cases where the coordinates were not provided by the Member State, the IEC has provided approximate coordinates based on the name of the location which was taken from open internet sources.

⁴ When no time zone was indicated by the Member States, it was assumed that the reported timing was in UTC. When no time in the format HH:MM was provided by the Member State, the time 00:00 was assumed.

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Romania	Baia Mare	< MDA	47.6567	23.5850	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Arad	< MDA	46.1866	21.3123	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Constanța	< MDA	44.1598	28.6348	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Cernavodă	< MDA	44.3276	28.0306	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	București	< MDA	44.3930	26.1471	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Craiova	< MDA	44.3302	23.7949	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Romania	Bechet	< MDA	43.7843	23.9597	2017-09-28 00:00	2017-09-28 00:00	2017-09-28 00:00	
Slovakia	Nový Tekov	3.99E+00	48.25	18.5166	2017-09-20 00:00	2017-10-04 00:00	2017-09-28 00:00	7
Estonia	Toravere	<MDA	58.2644	26.4617	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Arkona	1.42E-02	54.67812	13.43355	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Görlitz	4.91E+00	51.16234	14.95027	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Greifswald	8.96E-03	54.09619	13.40509	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Cottbus	6.78E-01	51.77614	14.31669	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Fürstenzell	1.95E-02	48.54421	13.35245	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Germany	Angermünde	1.60E-01	53.03145	13.99079	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Hungary	Budapest	1.20E+01	47.2952	19.0223	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	5
Hungary	Budapest	1.06E+01	47.2952	19.0223	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	5
Hungary	Budapest	1.47E+01	47.2952	19.0223	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	2
Hungary	Paks	1.35E+01	46.6061	18.8547	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	NA
Hungary	Budapest	1.94E+00	47.2952	19.0223	2017-09-28 00:00	2017-09-29 00:00	2017-09-28 12:00	NA
Italy	MILANO	1.09E+00	45.473056	9.222500	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	28
Norway	Østerås	1.86E-01	59.94	10.6	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	4
Norway	Ørland	7.40E-02	63.69	9.61	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	4
Norway	Skibotn	< 0.003	69.37	20.3	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Poland	WARSZAWA	4.09E+00	52.2297	21.0122	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	1
Poland	BIAŁYSTOK	2.30E-01	53.1325	23.1688	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	4

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Poland	GDYNIA	3.62E+00	54.5189	18.5305	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	2
Poland	KATOWICE	6.00E-01	50.2649	19.0238	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	5
Poland	KRAKÓW	1.67E+00	50.0647	19.9450	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	7
Poland	LUBLIN	7.16E+00	51.2465	22.5684	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	2
Poland	ŁÓDŹ	7.63E+00	51.7592	19.4560	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	3
Poland	SANOK	6.52E+00	49.5550	22.2061	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	6
Poland	SZCZECIN	3.60E-01	53.4285	14.5528	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	3
Poland	WROCŁAW	3.03E+00	51.1079	17.0385	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	2
Poland	ZIELONA GÓRA	3.99E+00	51.9356	15.5062	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	3
Poland	Torun	9.93E+00	53.0174	18.6571	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	3
Ukraine		2.30E+01	47.49978	34.57049	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Ukraine		1.80E+01	47.514744	34.59448	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Ukraine		3.00E+01	47.486322	34.41686	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Ukraine		3.60E+01	47.434942	34.38223	2017-09-25 00:00	2017-10-02 00:00	2017-09-28 12:00	
Ukraine	Rahiv	2.60E+00	48.0552	24.2135	2017-09-27 12:00	2017-09-29 12:00	2017-09-28 12:00	13
Czech Republic	Ostrava	3.80E+00	49.833	18.283	2017-09-25 06:00	2017-10-02 06:00	2017-09-28 18:00	10
Austria	Innsbruck	< 1.4E-02	47.259963	11.35656	2017-09-25 07:15	2017-10-02 06:55	2017-09-28 19:05	53
Czech Republic	Holešov	7.90E+00	49.317	15.67	2017-09-25 07:20	2017-10-02 07:20	2017-09-28 19:20	10
Sweden	Kiruna	< 0.003	67.84	20.42	2017-09-25 10:40	2017-10-02 05:02	2017-09-28 19:51	
Austria	Salzburg	< 9.6E-03	47.790951	13.05264	2017-09-25 08:30	2017-10-02 08:20	2017-09-28 20:25	8
Austria	Klagenfurt	4.80E+00	46.648407	14.31842	2017-09-25 10:02	2017-10-02 08:18	2017-09-28 21:10	
Austria	Wien 22.	1.32E+01	48.256525	16.48297	2017-09-25 09:13	2017-10-02 09:10	2017-09-28 21:11	8
Austria	Straß-Spielfeld	9.40E+00	46.725903	15.62475	2017-09-25 08:15	2017-10-02 10:35	2017-09-28 21:25	
Austria	Linz	7.00E-01	48.267505	14.28004	2017-09-25 09:50	2017-10-02 09:52	2017-09-28 21:51	
Sweden	Umeå	< 0.005	63.85	20.34	2017-09-25 11:01	2017-10-02 08:41	2017-09-28 21:51	

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Monaco ⁵	Monaco	1.40E-03	43.7326	7.4242	2017-09-25 10:00	2017-10-02 10:00	2017-09-28 22:00	28.6
Austria	Graz	9.00E+00	47.075488	15.45054	2017-09-25 11:53	2017-10-02 08:20	2017-09-28 22:06	
Denmark	Roskilde	8.00E-04	55.69	12.1	2017-09-26 00:00	2017-10-02 00:00	2017-09-29 00:00	
Romania	Baia Mare	< MDA	47.6567	23.5850	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Arad	< MDA	46.1866	21.3123	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Constanța	8.81E+01	44.1598	28.6348	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Cernavodă	8.13E+01	44.3276	28.0306	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	București	3.79E+01	44.3930	26.1471	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Craiova	5.98E+01	44.3302	23.7949	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Romania	Bechet	6.66E+01	43.7843	23.9597	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Slovakia	Bratislava	1.50E+01	48.1486	17.1077	2017-09-29 00:00	2017-09-29 00:00	2017-09-29 00:00	
Slovakia	NPP Bohunice 6	2.78E+00	48.4944	17.6819	2017-09-25 00:00	2017-10-02 00:00	2017-09-29 00:00	
Turkey	Istanbul	1.77E-02	41.00527	28.97696	2017-09-13 00:00	2017-10-06 00:00	2017-09-29 00:00	
United Kingdom	Glasgow	<2.12E-02	55.8625	-4.3450	2017-09-28 09:15	2017-10-09 11:40	2017-09-29 00:00	
Austria	Leopoldschlag	< 4.9	48.6182	14.5018	2017-09-28 12:13	2017-09-29 12:31	2017-09-29 00:22	11
Austria	Retz	1.30E+01	48.754863	15.9506	2017-09-25 18:55	2017-10-02 11:43	2017-09-29 03:19	
Austria	Laa a/d Thaya	< 4.6	48.7317	16.3917	2017-09-28 17:45	2017-09-29 18:46	2017-09-29 06:15	8
Bulgaria	Montana	2.60E+00	43.6934	23.2126	2017-09-25 12:00	2017-10-02 00:00	2017-09-29 12:00	10
Denmark	RISØ	< MDA	55.693357	12.09705	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Estonia	Narva-Joesuu	1.07E-02	59.4625	28.0450	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	10.1
Hungary	Győr	1.43E+01	47.6875	17.6504	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	5
Macedonia	Skopje	5.77E+00	41.590000	21.250000	2017-09-25 12:00	2017-10-02 12:00	2017-09-29 12:00	12
Ukraine		2.30E+01	47.804651	31.25957	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Ukraine		2.90E+01	47.907871	31.31512	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	

⁵ Measurements of Ru-106 data at the location Monaco were performed and reported by the IAEA Environment Laboratories, Monaco

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Ukraine		1.40E+01	48.106339	31.28311	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Ukraine		4.00E+01	47.48135	34.57228	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Ukraine		2.70E+01	47.49191	34.63695	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Ukraine		3.60E+01	47.249982	35.71082	2017-09-26 00:00	2017-10-03 00:00	2017-09-29 12:00	
Ukraine	Kiev	2.20E+00	50.4501	30.5234	2017-09-28 12:00	2017-09-30 12:00	2017-09-29 12:00	14
Ukraine	Baryshevka (Kyiv region)	1.49E+01	50.3507	31.3189	2017-09-28 12:00	2017-09-30 12:00	2017-09-29 12:00	11
Ukraine	Odesa	4.50E+01	46.3846	30.7433	2017-09-28 12:00	2017-09-30 12:00	2017-09-29 12:00	16
Belgium	Mol (SCK-CEN)	< 1.7	51.2171	5.0904	2017-09-29 07:00	2017-09-30 07:00	2017-09-29 19:00	
Czech Republic	České Budějovice	1.90E+00	48.967	14.467	2017-09-26 07:00	2017-10-03 07:00	2017-09-29 19:00	20
Czech Republic	Hradec Králové	2.49E+01	50.233	15.87	2017-09-26 08:25	2017-10-03 06:47	2017-09-29 19:36	10
Austria	Bregenz	< 1.7E-02	47.504849	9.726419	2017-09-26 06:40	2017-10-03 09:00	2017-09-29 19:50	8
Czech Republic	Brno	2.11E+01	49.2	16.6	2017-09-26 09:00	2017-10-03 09:00	2017-09-29 21:00	20
Czech Republic	Plzeň	6.20E-01	49.73	13.37	2017-09-26 09:00	2017-10-03 09:00	2017-09-29 21:00	20
Italy	IVREA	8.80E-01	45.474167	7.874167	2017-09-27 00:00	2017-10-03 00:00	2017-09-30 00:00	68
Romania	Baia Mare	< MDA	47.6567	23.5850	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Arad	< MDA	46.1866	21.3123	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Constanța	4.43E+01	44.1598	28.6348	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Cernavodă	5.79E+01	44.3276	28.0306	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	București	1.45E+02	44.3930	26.1471	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Craiova	1.06E+02	44.3302	23.7949	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Romania	Bechet	1.28E+02	43.7843	23.9597	2017-09-30 00:00	2017-09-30 00:00	2017-09-30 00:00	
Austria	Leopoldschlag	< 4.6	48.6182	14.5018	2017-09-29 12:31	2017-09-30 12:49	2017-09-30 00:40	
Sweden	Stockholm (A3)	< 0.034	59.39	17.96	2017-09-29 15:44	2017-09-30 19:44	2017-09-30 05:44	
Sweden	Visby	5.16E+00	57.61	18.32	2017-09-28 06:00	2017-10-02 06:30	2017-09-30 06:15	4
Austria	Laa a/d Thaya	< 4.5	48.7317	16.3917	2017-09-29 18:46	2017-09-30 19:50	2017-09-30 07:18	

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Czech Republic	Ústí nad Labem	4.35E+00	50.667	14.033	2017-09-26 11:00	2017-10-04 09:00	2017-09-30 10:00	7
Denmark	Haderslev	< MDA	55.23	9.5	2017-09-27 00:00	2017-10-04 00:00	2017-09-30 12:00	
Finland	Helsinki	7.70E-02	60.1699	24.9384	2017-09-28 00:00	2017-10-03 00:00	2017-09-30 12:00	29
Hungary	Budapest	3.38E+01	47.2952	19.0223	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	NA
Italy	PERUGIA	9.10E-01	43.081944	12.338056	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	22
Italy	UDINE	1.25E+01	46.063333	13.235833	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	24
Italy	MILANO	2.49E+00	45.473056	9.222500	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	16
Italy	VERONA	5.58E+00	45.426667	10.991944	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	16
Italy	BELLUNO	2.62E+00	46.165278	12.246111	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	23
Italy	VICENZA	8.40E+00	45.545833	11.561667	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	18
Italy	GENOVA	5.00E-01	44.253500	8.545400	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	40
Italy	BERGAMO	3.80E+00	45.686667	9.679444	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	16
Italy	TRINO	1.14E+00	45.311944	8.296111	2017-09-29 00:00	2017-10-02 00:00	2017-09-30 12:00	35
Netherlands	Bilthoven	< 7.6E-03	52.1365	5.2104	2017-09-28 00:00	2017-10-03 00:00	2017-09-30 12:00	
Ukraine		2.40E+01	47.603631	31.20605	2017-09-27 00:00	2017-10-04 00:00	2017-09-30 12:00	
Ukraine		1.70E+01	47.768059	31.31145	2017-09-27 00:00	2017-10-04 00:00	2017-09-30 12:00	
Ukraine		3.00E+01	47.52209	34.65516	2017-09-27 00:00	2017-10-04 00:00	2017-09-30 12:00	
Ukraine		2.70E+01	47.481892	34.50417	2017-09-27 00:00	2017-10-04 00:00	2017-09-30 12:00	
Ukraine	Chernobyl	2.50E+00	51.2763	30.2219	2017-09-29 12:00	2017-10-01 12:00	2017-09-30 12:00	15
Ukraine	Snovsk (Shtors)	1.00E-01	51.8159	31.9582	2017-09-29 12:00	2017-10-01 12:00	2017-09-30 12:00	50
Greece	Athens	3.40E+00	37.999764	23.81586	2017-09-27 15:27	2017-10-03 12:00	2017-09-30 13:43	24
Sweden	Ljungbyhed	8.60E-01	56.08	13.22	2017-09-29 06:10	2017-10-02 06:50	2017-09-30 18:30	4
Belgium	Mol (SCK-CEN)	< 1.4	51.2171	5.0904	2017-09-30 07:00	2017-10-01 07:00	2017-09-30 19:00	
Sweden	Stockholm (SEP63)	3.20E-02	59.39	17.96	2017-09-30 08:42	2017-10-01 08:42	2017-09-30 20:42	25
Czech Republic	Praha	1.50E+01	50.067	14.45	2017-09-29 06:45	2017-10-02 16:35	2017-09-30 23:40	10
Hungary	Paks	4.94E+01	46.6061	18.8547	2017-09-30 00:00	2017-10-02 00:00	2017-10-01 00:00	NA

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Italy	FIRENZE	5.00E-01	43.777222	11.248611	2017-09-30 00:00	2017-10-02 00:00	2017-10-01 00:00	40
Norway	Sola	< 0.002	58.88	5.64	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Romania	Baia Mare	4.75E+01	47.6567	23.5850	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Arad	6.44E+01	46.1866	21.3123	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Constanța	< MDA	44.1598	28.6348	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Cernavodă	< MDA	44.3276	28.0306	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	București	1.81E+01	44.3930	26.1471	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Craiova	2.38E+01	44.3302	23.7949	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Romania	Bechet	1.81E+01	43.7843	23.9597	2017-10-01 00:00	2017-10-01 00:00	2017-10-01 00:00	
Russia	Ural region. Ekaterinburg	< MDA	60.6057	56.8389	2017-09-26 00:00	2017-10-05 00:00	2017-10-01 00:00	
Slovakia	Bratislava	9.80E+00	48.1486	17.1077	2017-09-27 00:00	2017-10-03 00:00	2017-10-01 00:00	3
Slovakia	Červený Hrádok	4.89E+00	48.2999	18.3833	2017-09-22 00:00	2017-10-04 00:00	2017-10-01 00:00	6.9
Ukraine	Kyiv	2.20E+00	50.4501	30.5234	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	Chernobyl	2.50E+00	51.2763	30.2219	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	Baryshevka (Kyiv region)	1.39E+01	50.3507	31.3189	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	Rivno NPP	1.24E+00	51.3294	25.8939	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	Zaporizhzhya NPP	4.00E+01	47.5067	34.5851	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	Khmelnitsky NPP	1.40E+00	50.3025	26.6522	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Ukraine	South-Ukraine NPP	2.90E+01	47.81667	31.21667	2017-09-29 00:00	2017-10-03 00:00	2017-10-01 00:00	
Austria	Leopoldschlag	< 4.5	48.6182	14.5018	2017-09-30 12:49	2017-10-01 13:07	2017-10-01 00:58	
Austria	Laa a/d Thaya	3.80E+01	48.7317	16.3917	2017-09-30 19:50	2017-10-01 20:52	2017-10-01 08:21	
Sweden	Gävle	3.78E+00	60.67	17.19	2017-09-29 11:45	2017-10-03 05:00	2017-10-01 08:22	4
Sweden	Stockholm (A3)	6.56E+00	59.39	17.96	2017-09-30 19:44	2017-10-01 23:44	2017-10-01 09:44	4
Bulgaria	Buhovo	2.91E+01	42.7502	23.5591	2017-09-29 00:00	2017-10-02 00:00	2017-10-01 12:00	20

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Italy	Bergamo	2.50E+00	45.686667	9.679444	2017-09-29 00:00	2017-10-02 00:00	2017-10-01 12:00	9
Italy	MILANO	2.50E+00	45.473056	9.222500	2017-09-29 00:00	2017-10-02 00:00	2017-10-01 12:00	9
Malta	La Valleta	1.50E-01	35.9002695	14.51806	2017-09-27 12:00	2017-10-04 12:00	2017-10-01 12:00	
Ukraine		2.40E+01	47.81968	31.22383	2017-09-28 00:00	2017-10-05 00:00	2017-10-01 12:00	
Ukraine		2.40E+01	47.803507	30.88826	2017-09-28 00:00	2017-10-05 00:00	2017-10-01 12:00	
Ukraine		1.50E+01	47.556679	34.40192	2017-09-28 00:00	2017-10-05 00:00	2017-10-01 12:00	
Ukraine		1.30E+00	47.480731	34.75651	2017-09-28 00:00	2017-10-05 00:00	2017-10-01 12:00	
Belgium	Mol (SCK-CEN)	< 1.2	51.2171	5.0904	2017-10-01 07:00	2017-10-02 07:00	2017-10-01 19:00	
Sweden	Stockholm (SEP63)	1.70E+01	59.39	17.96	2017-10-01 08:42	2017-10-02 08:42	2017-10-01 20:42	2
Cyprus	Nicosia	4.61E-02	35.167	33.367			2017-10-02 00:00	
Hungary	Miskolc	1.46E+01	48.1035	20.7784	2017-09-29 00:00	2017-10-05 00:00	2017-10-02 00:00	5
Italy	MILANO	6.30E+00	45.473056	9.222500	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	25
Italy	VERCELLI	1.25E+00	45.310000	8.407778	2017-09-29 00:00	2017-10-05 00:00	2017-10-02 00:00	32
Romania	Baia Mare	3.81E+01	47.6567	23.5850	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Arad	3.04E+01	46.1866	21.3123	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Constanța	< MDA	44.1598	28.6348	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Cernavodă	< MDA	44.3276	28.0306	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	București	< MDA	44.3930	26.1471	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Craiova	< MDA	44.3302	23.7949	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Romania	Bechet	< MDA	43.7843	23.9597	2017-10-02 00:00	2017-10-02 00:00	2017-10-02 00:00	
Russia	North-West. Murmansk	< MDA	68.9792	33.0925	2017-09-25 00:00	2017-10-06 00:00	2017-10-02 00:00	
Russia	North. Arkhangelsk. Severodvinsk	< MDA	64.5401	40.5433	2017-09-25 00:00	2017-10-06 00:00	2017-10-02 00:00	
Slovakia	Jaslovské Bohunice 3	1.07E+01	48.4761	17.65	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.8

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Slovakia	NPP Bohunice 1	1.05E+01	48.4944	17.6819	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.8
Slovakia	NPP Bohunice 2	8.98E+00	48.4944	17.6819	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	3.6
Slovakia	NPP Bohunice 3	9.80E+00	48.4944	17.6819	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.9
Slovakia	NPP Bohunice 4	8.32E+00	48.4944	17.6819	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	3
Slovakia	NPP Bohunice 5	1.10E+01	48.4944	17.6819	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	3.7
Slovakia	Nižná	9.06E+00	48.5176	17.7206	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.8
Slovakia	Veľké Kostoľany 1	9.54E+00	48.5176	17.7206	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.9
Slovakia	Veľké Kostoľany 2	9.76E+00	48.5176	17.7206	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	3
Slovakia	Pečeňady	1.19E+01	48.4763	17.7181	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.9
Slovakia	Trakovice	8.88E+00	48.4333	17.6999	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.9
Slovakia	Kátlovce	9.83E+00	48.5221	17.6059	2017-09-27 00:00	2017-10-04 00:00	2017-10-02 00:00	2.8
Slovakia	Levice	3.67E+00	48.2164	18.6004	2017-09-20 00:00	2017-10-04 00:00	2017-10-02 00:00	7
Slovakia	Mochovce	5.78E+00	48.2638	18.4569	2017-09-25 00:00	2017-10-05 00:00	2017-10-02 00:00	7
Slovakia	Tajná	4.23E+00	48.2666	18.3666	2017-09-20 00:00	2017-10-04 00:00	2017-10-02 00:00	7
Austria	Leopoldschlag	< 4.2	48.6182	14.5018	2017-10-01 13:07	2017-10-02 16:25	2017-10-02 02:46	
Austria	Laa a/d Thaya	4.00E+01	48.7317	16.3917	2017-10-01 20:52	2017-10-02 10:13	2017-10-02 03:32	13
Serbia	Belgrad	4.00E+01	44.766799	20.6	2017-10-02 10:00	2017-10-02 10:00	2017-10-02 10:00	
Switzerland		5.03E-02	46.15	8.95	2017-10-02 00:00	2017-10-02 23:59	2017-10-02 12:00	
Bulgaria	Yana	1.76E+01	42.7254	23.5503	2017-09-29 00:00	2017-10-04 00:00	2017-10-02 12:00	7
Bulgaria	Burgas	1.18E+01	42.5095	27.4698	2017-09-29 00:00	2017-10-04 00:00	2017-10-02 12:00	5
Hungary	Budapest	2.76E+01	47.2952	19.0223	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	NA
Italy	BERGAMO	1.22E+01	45.686667	9.679444	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	18
Italy	PERUGIA	6.20E+00	43.081944	12.338056	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	21
Italy	UDINE	4.91E+01	46.063333	13.235833	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	24
Italy	MILANO	3.60E+00	45.473056	9.222500	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	33
Italy	VERONA	1.91E+01	45.426667	10.991944	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	22
Italy	BELLUNO	1.86E+01	46.165278	12.246111	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	20

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Italy	VICENZA	2.52E+01	45.545833	11.561667	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	7
Italy	FIRENZE	1.40E+00	43.777222	11.248611	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	29
Norway	Østerås	3.30E-02	59.94	10.6	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	10
Norway	Ørland	2.13E-01	63.69	9.61	2017-10-02 00:00	2017-10-03 00:00	2017-10-02 12:00	4
San Marino	San Marino	13.47E+00	43.9694	12.48000			2017-10-02 12:00	39
Ukraine		1.02E+00	51.4381	25.8161	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.05E+00	51.3106	26.0929	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		9.14E-01	51.3228	25.9179	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.20E+00	51.3755	26.0282	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.14E+00	51.2581	26.0643	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.26E+00	51.3418	25.9675	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		9.53E-01	51.4119	25.8908	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.23E+00	51.3363	25.8548	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.19E+00	51.3251	25.8897	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.13E+00	51.3176	25.8768	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Ukraine		1.39E+00	51.36	25.9199	2017-09-28 00:00	2017-10-07 00:00	2017-10-02 12:00	
Sweden	Stockholm (A3)	1.48E+01	59.39	17.96	2017-10-01 23:44	2017-10-03 03:44	2017-10-02 13:44	4
Czech Republic	Praha	1.60E+00	50.067	14.45	2017-10-02 16:40	2017-10-02 20:25	2017-10-02 18:32	10
Belgium	Mol (SCK-CEN)	< 0.5	51.2171	5.0904	2017-10-02 07:00	2017-10-03 07:00	2017-10-02 19:00	
Sweden	Stockholm (SEP63)	9.80E+00	59.39	17.96	2017-10-02 08:42	2017-10-03 08:42	2017-10-02 20:42	2
Austria	Wien 22.	4.60E+01	48.256525	16.48297	2017-10-02 09:10	2017-10-03 09:22	2017-10-02 21:16	9
Austria	Graz	3.60E+01	47.075488	15.45054	2017-10-02 08:25	2017-10-03 10:16	2017-10-02 21:20	9
Slovenia		1.50E+00	46.6406	15.6958	2017-09-30 10:00	2017-10-05 10:00	2017-10-02 22:00	
Austria	Linz	8.00E+00	48.267505	14.28004	2017-10-02 10:00	2017-10-03 10:25	2017-10-02 22:12	11
Czech Republic	Ostrava	4.00E+01	49.833	18.283	2017-10-02 06:00	2017-10-03 15:00	2017-10-02 22:30	10
Bulgaria	Vratsa	4.10E+00	43.2272	23.5637	2017-10-02 12:00	2017-10-04 12:00	2017-10-03 00:00	20

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Bulgaria	Pleven	2.40E+01	43.4093	24.6177	2017-10-02 12:00	2017-10-04 12:00	2017-10-03 00:00	10
Germany	Görlitz	4.57E+00	51.16234	14.95027	2017-10-02 00:00	2017-10-04 00:00	2017-10-03 00:00	
Italy	BERGAMO	6.90E+00	45.686667	9.679444	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	19
Italy	UDINE	5.43E+01	46.063333	13.235833	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	37
Romania	Baia Mare	2.46E+01	47.6567	23.5850	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Arad	< MDA	46.1866	21.3123	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Constanța	< MDA	44.1598	28.6348	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Cernavodă	< MDA	44.3276	28.0306	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	București	< MDA	44.3930	26.1471	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Craiova	< MDA	44.3302	23.7949	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Romania	Bechet	< MDA	43.7843	23.9597	2017-10-03 00:00	2017-10-03 00:00	2017-10-03 00:00	
Russia	South. Kursk. Kurchatov city	< MDA	51.7373	36.1874	2017-09-29 00:00	2017-10-04 00:00	2017-10-03 00:00	
Austria	Laa a/d Thaya	2.30E+01	48.7317	16.3917	2017-10-02 18:45	2017-10-03 09:32	2017-10-03 02:08	26
Czech Republic	Praha	1.10E+00	50.067	14.45	2017-10-02 20:25	2017-10-03 08:10	2017-10-03 02:17	30
Austria	Innsbruck	< 0.3	47.259963	11.35656	2017-10-02 07:03	2017-10-04 06:29	2017-10-03 06:46	
Serbia	Belgrad	1.80E+01	44.766799	20.6	2017-10-03 10:00	2017-10-03 10:00	2017-10-03 10:00	
Slovenia	Ljubljana	3.70E+01	46.0558	14.5083	2017-10-02 10:00	2017-10-04 10:00	2017-10-03 10:00	
Czech Republic	Hradec Králové	4.19E+00	50.233	15.87	2017-10-03 06:50	2017-10-03 13:50	2017-10-03 10:20	10
Czech Republic	Praha	< 0.04	50.067	14.45	2017-10-03 08:10	2017-10-03 15:00	2017-10-03 11:35	
Switzerland		1.92E+00	46.15	8.95	2017-10-03 00:00	2017-10-03 23:59	2017-10-03 12:00	
Belarus	Braslaw	2.70E+00	55.633333	27.033333	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	
Denmark	Allinge	1.80E+00	55.27	14.8	2017-09-30 00:00	2017-10-07 00:00	2017-10-03 12:00	
Finland	Helsinki	8.49E-01	60.1699	24.9384	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	4
Finland	Ivalo	1.56E-01	68.6576	27.5397	2017-10-02 00:00	2017-10-05 00:00	2017-10-03 12:00	7.7
Finland	Kuopiossa	2.19E-01	62.898	27.6782	2017-10-02 00:00	2017-10-05 00:00	2017-10-03 12:00	17

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Greece	Athens	2.24E+00	37.983800	23.727500	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	8
Hungary	Budapest	9.90E+00	47.2952	19.0223	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	NA
Italy	UDINE	3.00E+01	46.063333	13.235833	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	30
Italy	MILANO	3.50E+00	45.473056	9.222500	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	34
Italy	VERONA	1.74E+01	45.426667	10.991944	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	29
Italy	BELLUNO	9.30E+00	46.165278	12.246111	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	24
Italy	VICENZA	2.30E+01	45.545833	11.561667	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	13
Italy	FIRENZE	< 0.2	43.777500	11.248889	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	-
Italy	PERUGIA	< 0.13	43.082222	12.338333	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	-
Lithuania	Utena SW	1.21E+00	55.505900	25.6089	2017-10-02 00:00	2017-10-05 00:00	2017-10-03 12:00	
Norway	Østerås	< 0.003	59.94	10.6	2017-10-03 00:00	2017-10-04 00:00	2017-10-03 12:00	
Czech Republic	České Budějovice	< 0.1	48.967	14.467	2017-10-03 07:10	2017-10-03 17:30	2017-10-03 12:20	
Sweden	Stockholm (A3)	< 0.025	59.39	17.96	2017-10-03 03:44	2017-10-04 07:44	2017-10-03 17:44	
Czech Republic	Cheb	< 0.05	50.08	12.4	2017-10-03 07:00	2017-10-04 07:00	2017-10-03 19:00	
Sweden	Visby	3.98E+00	57.61	18.32	2017-10-02 06:30	2017-10-05 08:10	2017-10-03 19:20	5
Sweden	Stockholm (SEP63)	< 0.002	59.39	17.96	2017-10-03 08:42	2017-10-04 08:42	2017-10-03 20:42	
Austria	Graz	1.30E+01	47.075488	15.45054	2017-10-03 10:20	2017-10-04 07:50	2017-10-03 21:05	10
Austria	Wien 22.	1.10E+01	48.256525	16.48297	2017-10-03 09:30	2017-10-04 09:05	2017-10-03 21:17	8
Austria	Linz	3.00E-01	48.267505	14.28004	2017-10-03 10:28	2017-10-04 09:32	2017-10-03 22:00	13
Croatia	Zagreb	1.33E+01	45.815399	15.966568	2017-09-29 00:00	2017-10-09 00:00	2017-10-04 00:00	
Greece	Athens	2.85E+00	37.9838	23.7275	2017-10-03 00:00	2017-10-05 00:00	2017-10-04 00:00	6
Ireland	Dublin	< 2.57E-03	53.309	-6.2247	2017-09-28 00:00	2017-10-09 00:00	2017-10-04 00:00	
Italy	UDINE	4.20E+00	46.063333	13.235833	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	36
Netherlands	Bilthoven	< 24.1E-03	52.1365	5.2104	2017-10-03 00:00	2017-10-05 00:00	2017-10-04 00:00	
Romania	Baia Mare	< MDA	47.6567	23.5850	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	Iași	< MDA	47.1585	27.6014	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Romania	Arad	< MDA	46.1866	21.3123	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	Constanța	< MDA	44.1598	28.6348	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	Cernavodă	< MDA	44.3276	28.0306	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	București	< MDA	44.3930	26.1471	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	Craiova	< MDA	44.3302	23.7949	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Romania	Bechet	< MDA	43.7843	23.9597	2017-10-04 00:00	2017-10-04 00:00	2017-10-04 00:00	
Russia	North-West. St.Petersburg	1.15E-01	59.9386	30.3141	2017-10-02 00:00	2017-10-06 00:00	2017-10-04 00:00	
Russia	Moscow region. Dolgoprudny	< MDA	56.0969	37.4926	2017-10-02 00:00	2017-10-06 00:00	2017-10-04 00:00	
Russia	SIA Typhoon. Obninsk	< MDA	55.0968	36.6101	2017-10-02 00:00	2017-10-06 00:00	2017-10-04 00:00	
Slovakia	Bratislava	1.60E+01	48.1486	17.1077	2017-09-29 00:00	2017-10-05 00:00	2017-10-04 00:00	4
Czech Republic	Praha	< 0.1	50.067	14.45	2017-10-03 15:05	2017-10-04 09:00	2017-10-04 00:02	
Czech Republic	Hradec Králové	< 0.3	50.233	15.87	2017-10-03 14:00	2017-10-04 13:40	2017-10-04 01:50	
Czech Republic	Ostrava	1.10E+00	49.833	18.283	2017-10-03 15:00	2017-10-04 15:00	2017-10-04 03:00	10
Czech Republic	Brno	8.40E-01	49.2	16.6	2017-10-03 16:00	2017-10-04 14:30	2017-10-04 03:15	15
Czech Republic	České Budějovice	< 0.1	48.967	14.467	2017-10-03 17:30	2017-10-04 15:30	2017-10-04 04:30	
Spain	Seville	< MDA	37.36	-5.98			2017-10-04 07:00	
Spain	Barcelona	< MDA	41.38	2.11			2017-10-04 07:00	
Spain	Madrid	< MDA	40.45	-3.72			2017-10-04 07:00	
Sweden	Umeå	6.00E-01	63.85	20.34	2017-10-02 08:41	2017-10-06 08:00	2017-10-04 08:20	10
Serbia	Belgrad	5.00E+00	44.766799	20.6	2017-10-04 10:00	2017-10-04 10:00	2017-10-04 10:00	
Switzerland		3.18E-01	46.15	8.95	2017-10-04 00:00	2017-10-04 23:59	2017-10-04 12:00	
Estonia	Harku	1.80E-01	59.3863	24.5788	2017-10-01 00:00	2017-10-08 00:00	2017-10-04 12:00	5.5
Hungary	Budapest	2.08E+00	47.2952	19.0223	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	NA
Italy	MILANO	3.09E+00	45.473056	9.222500	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	32
Italy	VERONA	7.07E+00	45.426667	10.991944	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	42

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Italy	BELLUNO	2.97E+00	46.134444	12.221667	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	34
Italy	VICENZA	6.00E+00	45.545833	11.561667	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	32
Italy	UDINE	5.20E+00	46.063333	13.235833	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	29
Italy	FIRENZE	< 0.3	43.777778	11.249167	2017-10-04 00:00	2017-10-05 00:00	2017-10-04 12:00	-
Norway	Sola	< 0.002	58.88	5.64	2017-10-03 00:00	2017-10-06 00:00	2017-10-04 12:00	
Sweden	Gävle	< 0.12	60.67	17.19	2017-10-03 05:00	2017-10-06 08:00	2017-10-04 18:30	
Austria	Innsbruck	< 1	47.259963	11.35656	2017-10-04 06:30	2017-10-05 07:22	2017-10-04 18:56	
Austria	Graz	1.00E+00	47.075488	15.45054	2017-10-04 08:00	2017-10-05 07:00	2017-10-04 19:30	9
Czech Republic	Praha	< 0.05	50.067	14.45	2017-10-04 07:55	2017-10-05 08:05	2017-10-04 20:00	
Austria	Wien 22.	< 0.1	48.256525	16.48297	2017-10-04 09:10	2017-10-05 08:47	2017-10-04 20:58	8
Austria	Linz	< 0.2	48.267505	14.28004	2017-10-04 09:35	2017-10-05 09:30	2017-10-04 21:32	44
Sweden	Stockholm (A3)	< 0.044	59.39	17.96	2017-10-04 07:44	2017-10-05 11:44	2017-10-04 21:44	
Slovenia	Ljubljana	4.00E+00	46.0558	14.5083	2017-10-04 10:00	2017-10-05 10:00	2017-10-04 22:00	
Czech Republic	Ostrava	< 0.15	49.833	18.283	2017-10-04 15:00	2017-10-05 06:30	2017-10-04 22:45	
Bosnia and Herzegovina	Sarajevo	3.17E+00	43.8638889	18.4175	2017-10-02 00:00	2017-10-09 00:00	2017-10-05 00:00	12
Greece	Athens	7.90E-01	37.983800	23.727500	2017-10-04 00:00	2017-10-06 00:00	2017-10-05 00:00	8
Norway	Østerås	< 0.055	59.94	10.6	2017-10-04 00:00	2017-10-06 00:00	2017-10-05 00:00	
Slovakia	Jaslovské Bohunice 1	1.03E+01	48.4761	17.65	2017-09-29 00:00	2017-10-06 00:00	2017-10-05 00:00	5.7
Slovakia	Jaslovské Bohunice 2	9.46E+00	48.4761	17.65	2017-09-29 00:00	2017-10-06 00:00	2017-10-05 00:00	2.9
Czech Republic	Hradec Králové	< 0.3	50.233	15.87	2017-10-04 13:40	2017-10-05 13:40	2017-10-05 01:40	
Spain	Caceres	< MDA	39.48	-6.34			2017-10-05 07:00	
Serbia	Belgrad		44.766799	20.6	2017-10-05 10:00	2017-10-05 10:00	2017-10-05 10:00	
Czech Republic	Ostrava	< 0.5	49.833	18.283	2017-10-05 06:30	2017-10-05 14:30	2017-10-05 10:30	
Switzerland		4.98E-01	46.15	8.95	2017-10-05 00:00	2017-10-05 23:59	2017-10-05 12:00	
Finland	Helsinki	-	60.1699	24.9384	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	-

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Italy	UDINE	3.30E+00	46.063333	13.235833	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	45
Italy	MILANO	< 1.70	45.473333	9.222778	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	-
Italy	IVREA	1.17E+00	45.474167	7.874167	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	77
Italy	VERONA	< 1.93	45.426944	10.992222	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	-
Italy	BELLUNO	2.17E+00	46.134444	12.221667	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	32
Italy	VICENZA	< 3.10	45.426944	10.992222	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	-
Netherlands	Bilthoven	< 21.5E-03	52.1365	5.2104	2017-10-05 00:00	2017-10-06 00:00	2017-10-05 12:00	
Norway	Skibotn	9.40E-02	69.37	20.3	2017-10-02 00:00	2017-10-09 00:00	2017-10-05 12:00	6
Austria	Graz	1.00E+00	47.075488	15.45054	2017-10-05 07:05	2017-10-06 07:15	2017-10-05 19:10	59
Austria	Innsbruck	< MDA	47.259963	11.35656	2017-10-05 07:27	2017-10-06 07:15	2017-10-05 19:21	
Czech Republic	Praha	< 0.012	50.067	14.45	2017-10-05 08:05	2017-10-06 06:40	2017-10-05 19:22	
Austria	Wien 22.	< 0.2	48.256525	16.48297	2017-10-05 08:51	2017-10-06 08:54	2017-10-05 20:52	
Austria	Wien 22.	8.00E+00	48.256525	16.48297	2017-10-02 09:05	2017-10-09 08:55	2017-10-05 21:00	8
Austria	Linz	< 0.1	48.267505	14.28004	2017-10-05 09:33	2017-10-06 09:36	2017-10-05 21:34	
Monaco ⁶	Monaco	8.20E-02	43.7326	7.4242	2017-10-02 10:00	2017-10-09 10:00	2017-10-05 22:00	8.5
Czech Republic	Ostrava	< 0.26	49.833	18.283	2017-10-05 14:30	2017-10-06 06:00	2017-10-05 22:15	
United Kingdom	Chilton	<3.4E-02	51.5747	-1.3191	2017-10-02 12:00	2017-10-09 10:40	2017-10-05 23:20	
Denmark	Roskilde	< MDA	55.69	12.1	2017-10-02 00:00	2017-10-10 00:00	2017-10-06 00:00	
Norway	Ørland	3.00E-03	63.69	9.61	2017-10-03 00:00	2017-10-09 00:00	2017-10-06 00:00	4
Estonia	Narva-Joesuu	1.10E-01	59.4625	28.0450	2017-10-03 00:00	2017-10-10 00:00	2017-10-06 12:00	5.6
Italy	UDINE	< 1.10	46.063333	13.235833	2017-10-06 00:00	2017-10-07 00:00	2017-10-06 12:00	-
Estonia	Toravere	2.10E-01	58.2644	26.4617	2017-10-02 00:00	2017-10-09 00:00	2017-10-07 00:00	6.6
Turkey	Ankara	1.80E-02	39.92077	32.85411	2017-10-04 00:00	2017-10-10 00:00	2017-10-07 00:00	
Greece	Athens	2.00E-01	37.983800	23.727500	2017-10-05 00:00	2017-10-10 00:00	2017-10-07 12:00	8
Italy	MILANO	< 0.62	45.473333	9.222778	2017-10-06 00:00	2017-10-09 00:00	2017-10-07 12:00	-

⁶ Measurements of Ru-106 data at the location Monaco were performed and reported by the IAEA Environment Laboratories, Monaco

Country name	Location name ¹	Measured Value ² mBq/m ³	Latitude ³	Longitude ³	Start Sampling ^{1,4} [UTC]	End Sampling ^{1,4} [UTC]	Estimated Midpoint of the Sampling Period [UTC]	Uncertainty ¹ %
Kazakhstan	Kurchatov	1.30E-02	50.738900	78.526100	2017-10-04 00:00	2017-10-09 00:00	2017-10-07 12:00	
Norway	Østerås	< 0.005	59.94	10.6	2017-10-06 00:00	2017-10-09 00:00	2017-10-07 12:00	
Italy	UDINE	< 1.50	46.063333	13.235833	2017-10-07 00:00	2017-10-09 00:00	2017-10-08 00:00	-
Turkey	Istanbul	3.30E-01	41.00527	28.97696	2017-10-06 00:00	2017-10-10 00:00	2017-10-08 00:00	
Cyprus	Nicosia	2.50E-01	35.167	33.367	2017-10-03 12:00	2017-10-13 12:00	2017-10-08 12:00	8
Malta	La Valleta	2.60E-01	35.9002695	14.51806	2017-10-05 12:00	2017-10-11 12:00	2017-10-08 12:00	
Croatia	Zagreb	3.41E-02	45.815399	15.966568	2017-10-09 12:00	2017-10-10 12:00	2017-10-09 00:00	
France		7.40E-03	43.1	5.8833			2017-10-09 12:00	
France		6.80E-03	43.7031	7.2661			2017-10-09 12:00	
Kazakhstan	Kurchatov	2.90E-02	50.738900	78.526100			2017-10-10 12:00	
Greece	Thessaloniki	<0.07	40.627067	22.9598	2017-10-09 17:30	2017-10-11 07:30	2017-10-10 12:30	-
Greece	Athens	<0.1	37.9766	23.78512	2017-10-09 15:00	2017-10-11 11:00	2017-10-10 13:00	-
Greece	Ioannina	<0.1	39.616125	20.83798	2017-10-10 12:00	2017-10-12 12:00	2017-10-11 12:00	-
Kazakhstan	Kurchatov	3.10E-02	50.738900	78.526100			2017-10-11 12:00	
Greece	Thessaloniki	<0.14	40.627067	22.9598	2017-10-11 10:30	2017-10-12 10:00	2017-10-11 22:15	-
Kazakhstan	Kurchatov	2.60E-02	50.738900	78.526100			2017-10-12 12:00	
Turkey	Istanbul	< 0.041	41.00527	28.97696	2017-10-10 00:00	2017-10-13 00:00	2017-10-12 12:00	
Turkey	Ankara	< 0.006	39.92077	32.85411	2017-10-10 00:00	2017-10-13 00:00	2017-10-12 12:00	
Greece	Thessaloniki	<0.14	40.627067	22.9598	2017-10-12 10:00	2017-10-13 10:00	2017-10-12 22:00	-
Bosnia and Herzegovina	Sarajevo	< 0.07	43.515	18.2503	2017-10-09 12:00	2017-10-17 12:00	2017-10-13 00:00	
Bosnia and Herzegovina	Sarajevo	< 0.05	43.515	18.2503	2017-10-09 07:00	2017-10-17 07:00	2017-10-13 07:00	
Greece	Athens	<0.10	37.999595	23.81888	2017-10-10 18:10	2017-10-17 19:00	2017-10-14 06:35	-
Norway	Svanhovd	< 0.010	69.45	30.04	2017-10-13 00:00	2017-10-16 00:00	2017-10-14 12:00	6

Table 2 – Ru-103 Measurement data provided to the IAEA as of 2017-11-24 at 15:00 UTC

Country	Location name	Measured Value mBq/m ³	Latitude	Longitude	Start Sampling [UTC]	End Sampling [UTC]	Estimate Midpoint of the sampling period [UTC]	Uncertainty %
Sweden	Stockholm (SEP63)	4.80E-03	59.39	17.96	2017-10-01 08:42	2017-10-02 08:42	2017-10-01 20:42	30
Sweden	Stockholm (A3)	4.00E-03	59.39	17.96	2017-10-01 23:44	2017-10-03 03:44	2017-10-02 13:44	39
Sweden	Visby	1.40E-04	57.61	18.32	2017-09-28 06:00	2017-10-02 06:30	2017-09-30 06:15	20