

SLOVAK ACADEMY OF SCIENCES
Earth Science Institute



**Yearbook
of meteorological measurements
2020**

Bratislava, SLOVAK REPUBLIC

2021

OBSERVATORIES



SKALNATÉ PLESO: $\phi = 49^\circ 11' \text{ N}$, $\lambda = 20^\circ 14' \text{ E}$, H = 1778 m a.s.l.



STARÁ LESNÁ: $\phi = 49^\circ 09' \text{ N}$, $\lambda = 20^\circ 17' \text{ E}$, H = 810 m a.s.l.

EARTH SCIENCE INSTITUTE
OF THE SLOVAK ACADEMY OF SCIENCES

Department of Atmospheric Physics

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INTRODUCTION

The meteorological observatories (MO) of the Earth Science Institute of the Slovak Academy of Sciences are characterized as follows:

- MO Skalnaté Pleso represents a slope station in the south side of the High Tatras
- MO Stará Lesná represents a valley position of the Poprad-hollow.

The panorama of the horizon of these observatories is shown in Fig. 1 and Fig. 2.

The year-book contains the following tables:

A. daily and monthly sums of radiation elements and precipitation

- *global radiation*
- *photosynthetically active radiation* (Skalnaté Pleso observatory only)
- *atmospheric back radiation* (Stará Lesná observatory only)
- *long-wave radiation balance* (Stará Lesná observatory only)
- *radiation balance* (Stará Lesná observatory only)
- *sunshine duration* (Skalnaté Pleso observatory only)
- *amount of precipitation*

B. daily and monthly averages of meteorological elements

- *air temperature*
- *relative air humidity*
- *atmospheric pressure*
- *soil temperature at 5 cm depth*
- *soil temperature at 20 cm depth*
- *near-surface air temperature*
- *wind speed*

C. daily and monthly extreme values of selected elements

- *air temperature minima*
- *air temperature maxima*
- *near-surface air temperature minima*
- *wind speed maxima*

Note: There are three kinds of data in the tables:

- without brackets if all 24 hour values were valid;
- with round brackets if the number of the valid hour values was at least 16 (or 2/3);
- without value if the number of valid hour values was less than 16 (or 2/3).

Skalnaté Pleso – measurement system

Most of data were recorded by the measurement system based on PROlog - ultralow power datalogger (Physicus, SK). The photosynthetically active radiation is measured by the PAR Quantum Sensor PQS1 (Kipp and Zonen), calibrated on 02 December 2016.

The sunshine duration is measured by the Campbell-Stokes heliograph with blue tape. The method utilized in the Slovak Hydrometeorological Institute is used for evaluation of the tapes.

Stará Lesná – measurement system

All the data were recorded by the measurement system based on PROlog - ultralow power datalogger (Physicus, SK). The long-wave radiation fluxes are measured by Pyrgeometer CGR 3 (Kipp and Zonen). The values of downward atmospheric radiation are calculated from the measured long-wave radiation data.

At both stations the following identical sensors are used for the measurements :

- *for the global radiation* - the Pyranometer CMP 6 (Kipp and Zonen)
- *for the radiation balance* - the Net Radiometer NR Lite 2 (Kipp and Zonen)
- *for the air temperature* (at 2 m level above the surface), *near surface air temperature* (at 5 cm level above ground) and *soil temperature* (at the depths 5 cm and 20 cm) - the Temperature probes (Physicus, SK) with platinum resistance thermometers Pt 100
- *for the relative air humidity* (at 2 m level above the surface) - Prove-HumiAir 9 (Physicus, SK)
- *for the air pressure* - the Pressure sensor-PressAir (Physicus, SK)
- *for the wind speed* - the Wind Transmitter Compact (Thies Clima) on the roof of the building
- *for the amount of precipitation* - the Rain Gauge MR3H (Meteoservice, CZ)

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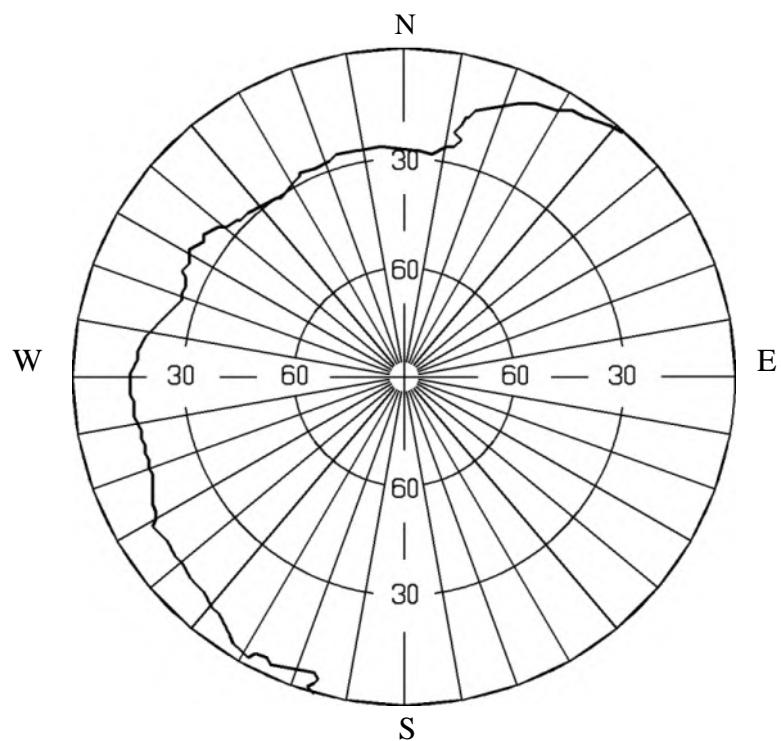


Fig. 1. Panorama of the horizon of Skalnaté Pleso station

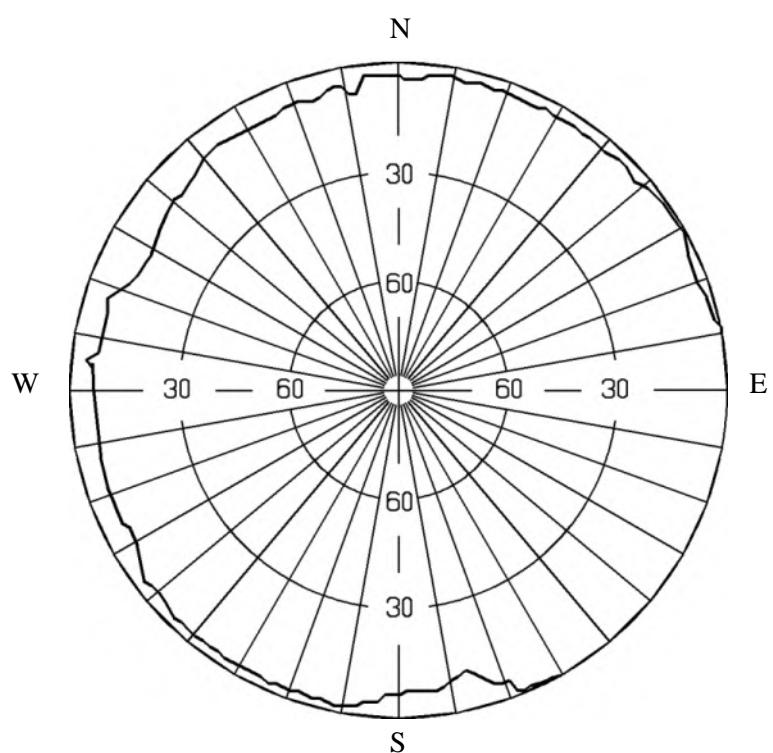


Fig. 2. Panorama of the horizon of Stará Lesná station

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	563	629	424		1138	(1838)	2824	2674	538	336	981	523
2	432	737	904		936	1493	1048	1895	778	1316	429	662
3	615	245	447		1352	1719	916	1578	(449)	698	383	250
4	216	411	260		1401	1965	920	1860	1699	724	328	219
5	405	525	887	2355	984	519	1392	2058	1430	685	776	311
6	445	825	779	2362	1315	1793	1268	2399	361	1346	572	398
7	625	727	667	2413	2912	2405	1499	2154	440	382	864	98
8	636	992	752	2404	2604	1079	1146	2132	1111	660	865	504
9	279	1002	1663	2413	2350	1985	911	2255	2077	1179	872	587
10	515	508	1286	2358	1553	1503	2428	1435	982	624	848	80
11	336	488	830	2425	2131	1457	1000	1332	1116	366	846	563
12	673	598	1686	2460	2449	1455	2516	2505	637	119	856	595
13	585	1046	1336	1666	1261	2823	736	1566	1204	75	844	324
14	682	610	1880	1285	969	982	1252	797	1903	410	689	570
15	655	1024	1910	1980	743	1322	1237	883	1938	619	792	555
16	635	949	1868	2556	2378	915	726	1646	1839	299	550	388
17	672	724	1842	1832	1496	1452	825	858	923	224	202	511
18	550	638	1354	2608	2590	1091	361	511	1896	207	699	555
19	662	725	1877	1291	1640	511	1052	648	1777	190	730	567
20	868	863	674	2696	2903	677	1550	1383	1502	1114	333	565
21	710	585	617	2678	3142	1256	1093	1776	1803	539	746	544
22	724	957	1663	2613	2924	1092	935	1770	1762	1140	586	205
23	820	861	936	2318	2093	3029	1175	356	808	738	314	245
24	784	1344	2150	2488	2454	1595	970	797	1070	524	685	89
25	787	821	2018	742	821	2510	1523	904	314	275	691	197
26	828	493	1778	2034	1596	1331	947	2009	640	1053	687	359
27	741	892	2084	2838	1570	1694	995	1386	1019	486	634	559
28	476	739		1873	1807	1480	2726	2355	87	594	216	168
29	896	1083		1452	763	1280	1470	1101	487	445	46	480
30	674			1007	1543	2062	2495	1835	471	550	92	290
31	313				(816)		1565	1876		818		226
Sum	18802	22041	(34572)	(55147)	(54634)	(46313)	41501	48734	(33061)	18735	18156	12187

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	12.15	12.83	11.37		23.80	(36.4)	56.91	54.26	10.79	7.11	21.06	12.89
2	8.66	15.78	19.44		20.24	29.17	21.02	37.83	15.50	26.32	9.41	14.32
3	13.10	3.41	10.14		27.39	33.59	19.74	31.91	11.40	14.10	7.98	5.11
4	4.36	7.50	3.54	45.69	28.14	38.99	18.27	36.70	35.12	14.50	6.81	4.50
5	8.51	11.14	6.34	46.90	19.36	11.34	27.74	42.10	29.69	13.79	16.38	6.40
6	9.11	17.15	16.77	46.78	26.61	37.44	26.10	48.53	7.43	27.58	11.92	7.78
7	13.84	15.87	15.72	47.22	58.89	48.23	29.98	42.84	9.41	7.91	19.15	2.06
8	14.02	21.32	16.90	47.09	53.26	22.32	23.75	43.30	22.39	13.56	18.99	10.15
9	6.20	21.26	32.01	47.55	47.58	37.79	17.90	45.25	43.06	23.77	18.64	12.74
10	11.61	10.76	26.93	46.44	31.17	31.86	49.48	29.45	20.71	12.80	17.85	1.91
11	7.01	10.84	19.70	48.43	43.47	30.22	19.93	27.29	23.26	7.33	18.44	12.20
12	14.75	9.40	34.58	49.13	47.78	29.62	49.97	50.89	12.46	2.78	18.27	12.70
13	12.32	21.35	26.07	33.61	26.12	56.47	14.87	31.78	23.64	1.84	18.41	7.59
14	14.77	12.42	36.09	24.32	18.74	19.96	25.36	16.41	38.79	7.47	15.28	12.87
15	14.44	21.63	37.20	40.86	17.10	25.90	24.85	17.61	38.85	12.88	17.59	12.64
16	14.04	19.32	36.83	50.16	47.17	18.61	14.76	33.45	37.46	6.35	11.76	8.54
17	14.21	14.92	37.57	36.04	29.11	29.40	17.35	17.48	18.38	2.74	3.94	11.06
18	11.42	13.53	28.49	51.90	52.69	22.47	7.79	10.93	37.77	5.49	15.84	12.87
19	13.23	14.38	38.52	25.67	32.91	11.30	21.31	13.51	35.66	7.22	16.30	12.87
20	13.66	17.52	14.15	52.68	56.64	14.62	31.78	27.72	29.86	26.61	7.08	12.94
21	15.82	12.76	9.95	52.74	60.26	25.99	21.96	36.06	36.51	10.78	15.90	11.38
22	15.68	20.18	33.34	51.78	57.50	24.08	18.50	37.05	35.56	23.88	13.12	4.37
23	16.76	18.33	20.92	46.79	41.89	60.89	24.14	7.93	16.18	15.64	6.45	5.44
24	16.83	28.03	41.54	49.20	48.49	33.69	19.98	16.56	22.29	11.21	15.26	1.95
25	17.26	16.86	39.91	15.28	18.13	50.39	30.36	17.73	6.42	5.90	15.10	2.72
26	17.84	8.58	35.13	39.55	33.15	27.18	19.27	40.09	13.10	21.90	14.98	1.60
27	15.65	17.34	41.76	55.65	32.55	33.85	20.17	27.49	19.64	9.50	14.46	7.36
28	9.73	14.78	26.39	38.42	36.21	30.51	55.87	47.12	2.01	12.54	2.30	3.78
29	17.62	22.21	18.17	29.60	16.45	26.54	29.18	21.81	10.06	8.72	0.67	11.39
30	13.40		33.55	20.99	31.77	41.47	50.81	37.12	10.24	12.10	3.12	5.94
31		7.24			(18.1)		31.70	36.87		16.34		2.14
Sum	395.24	451.40	(769)	(1140)	(1103)	(940)	840.80	985.07	673.64	390.66	392.46	252.21

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-430	-107	-16		294	(910)	1375	1132	201	63	135	-711
2	-437	-11	-52		243	584	341	770	247	547	-63	-624
3	-423	-127	-22		560	760	319	689	68	196	17	-116
4	-13	-170	-168	665	593	884	382	945	724	33	124	40
5	-80	-153	-798	702	287	133	539	926	534	-3	13	29
6	-223	-171	8	608	481	713	531	1104	131	378	-70	-24
7	-530	-200	-36	673	905	1180	570	898	98	71	-18	-28
8	-430	-309	-22	717	957	296	453	869	105	59	-59	-200
9	-44	-278	-184	792	931	889	321	986	831	281	-118	-231
10	-303	-23	-95	719	684	568	1052	466	323	214	-145	-138
11	-264	-56	-97	800	911	539	364	449	333	135	-105	-312
12	-457	-30	160	881	1148	626	1278	1060	93	-14	-98	-295
13	-283	-263	82	629	410	1383	234	547	319	-5	-84	-266
14	-408	48	202	-264	238	331	416	213	647	-223	-38	-293
15	-385	-202	-39	554	144	660	448	333	604	182	-160	-238
16	-358	-177	136	971	1019	407	150	703	606	45	18	-113
17	-340	39	221	653	539	667	284	205	316	-91	30	-105
18	-291	-123	132	978	1041	412	127	101	534	-271	-67	-296
19	-307	-91	379	325	671	166	440	106	617	-57	-51	-334
20	-362	-115	94	1000	1330	226	613	412	431	146	-138	-305
21	-273	-95	-300	1029	1460	488	355	725	532	-72	-223	-248
22	-199	-125	194	1011	1324	262	334	712	457	162	-108	-119
23	-283	123	180	850	965	1547	368	-116	147	39	-60	-12
24	-314	82	54	981	1282	697	271	294	211	168	-243	-190
25	-285	-78	260	177	139	1184	660	224	-27	4	-316	-71
26	-180	-136	312	794	696	517	298	826	217	225	-350	-128
27	-100	-186	392	1250	646	740	407	544	250	-33	-68	-395
28	-49	-28	237	649	864	466	1224	919	-132	-119	-29	-1
29	-38	6	192	544	184	368	563	437	60	16	-35	-45
30	-72		375	294	820	870	1103	756	-96	125	-109	-156
31	-100				(336)		518	841		127		-125
Sum	-8261	-2956	(1781)	(18982)	(22102)	(19473)	16338	19076	9381	2328	-2418	-6050

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	6.4	1.5	0.0	8.6	0.8	7.1	13.0	12.7	1.1	0.0	7.6	6.5
2	1.8	2.3	0.6	10.6	3.2	2.6	1.2	7.4	0.1	4.7	1.0	6.6
3	6.6	0.0	0.0	8.7	3.7	6.4	2.2	4.4	0.4	2.2	0.1	0.2
4	0.0	0.0	0.0	9.4	4.8	7.2	1.0	5.5	7.0	4.0	0.5	0.0
5	0.0	0.0	6.5	10.5	1.9	0.0	1.8	5.2	6.9	2.7	3.2	0.1
6	1.1	4.1	0.5	10.6	1.3	7.7	5.5	10.8	0.1	7.2	2.5	2.4
7	6.6	3.6	0.1	10.8	12.5	8.2	3.0	8.8	0.0	1.2	7.2	0.0
8	6.6	7.3	1.9	10.9	11.1	1.2	4.6	9.0	3.6	1.3	7.4	2.8
9	0.0	7.6	6.4	10.9	9.8	4.4	0.1	10.4	10.6	5.8	7.3	6.2
10	4.7	1.4	5.6	10.7	2.3	4.8	11.6	7.2	4.9	2.1	6.2	0.0
11	0.4	0.0	0.4	11.2	8.1	4.6	3.4	4.9	4.2	0.0	7.2	4.9
12	6.9	0.0	7.3	11.2	7.0	2.6	8.4	12.3	0.3	0.0	7.2	5.0
13	4.9	7.5	5.7	6.1	3.1	10.8	0.2	8.2	4.4	0.0	7.1	2.7
14	6.7	0.3	7.5	0.0	0.0	2.5	4.4	3.2	9.8	0.0	5.8	6.3
15	6.9	5.2	9.5	6.5	0.0	0.2	2.4	1.4	9.8	2.8	7.0	6.2
16	5.8	4.0	9.3	11.6	7.9	0.5	0.0	5.8	9.0	0.0	4.3	2.2
17	5.7	1.8	9.6	7.8	4.2	3.6	0.0	0.7	1.9	0.0	0.0	3.4
18	3.3	2.2	7.0	11.6	11.9	0.7	0.0	0.0	9.1	2.1	5.9	6.4
19	4.7	0.8	9.4	2.7	7.3	0.0	1.9	0.3	8.7	2.4	7.0	6.5
20	4.8	1.5	0.4	11.7	10.8	0.0	6.2	7.5	6.0	7.1	1.5	6.4
21	7.2	0.0	0.0	11.7	12.4	2.2	3.6	8.2	9.3	0.0	6.8	4.9
22	5.7	5.8	6.5	11.9	10.3	0.0	1.4	8.1	9.5	8.1	5.1	0.5
23	6.8	3.4	0.0	10.8	5.6	10.8	4.8	0.0	3.1	3.4	0.6	0.0
24	7.2	3.1	9.8	10.7	5.6	6.2	3.5	3.3	4.2	2.4	5.8	0.0
25	7.2	0.0	8.2	1.3	0.0	10.7	1.1	2.0	0.4	0.0	6.7	0.0
26	6.7	0.0	6.6	8.0	1.1	5.5	1.7	8.7	1.5	6.9	6.8	1.1
27	4.9	0.0	9.5	11.0	1.4	4.7	2.5	5.0	2.0	2.0	6.2	5.6
28	0.8	0.0	4.6	9.7	4.8	5.0	11.7	11.5	0.0	3.3	0.0	0.0
29	6.2	3.3	1.2	5.8	0.0	5.4	5.3	4.2	0.0	1.3	0.0	4.5
30	3.6		5.5	0.3	1.4	9.7	12.4	8.2	0.0	1.1	0.0	1.1
31	0.0		4.7		0.0		5.2	5.9		2.7		0.0
Sum	140.2	66.7	144.3	263.3	154.3	135.3	124.1	190.8	127.9	76.8	134.0	92.5

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-2.7	5.2	-0.6		4.0	(4.1)	15.2	11.1	7.0	4.4	5.2	-4.6
2	5.0	-0.1	-0.3		2.8	2.0	13.7	11.4	5.6	6.1	7.6	-3.2
3	5.8	-2.4	1.0	-(1.4)	-0.2	3.8	11.5	12.0	6.4	9.8	7.8	0.6
4	-4.8	-4.2	-4.1	-2.1	1.6	7.3	10.3	13.0	9.4	8.1	6.4	0.0
5	-11.0	-9.4	-5.2	-0.4	-0.8	7.1	12.7	12.7	12.5	7.6	1.9	0.9
6	-5.9	-7.0	-2.5	2.8	-2.7	10.1	13.5	14.8	10.4	6.2	5.1	1.0
7	-0.4	-5.8	-4.0	5.2	1.0	12.2	4.6	15.6	7.0	4.6	9.8	0.3
8	2.2	0.8	-5.4	5.8	5.3	10.0	6.8	16.1	6.5	3.9	6.9	-1.3
9	3.6	3.7	-4.0	6.5	8.1	10.1	9.1	15.5	11.5	7.0	6.6	-0.6
10	4.2	0.4	-1.7	3.2	9.3	10.4	15.2	14.6	10.6	7.3	5.7	-2.9
11	-3.0	-6.4	2.5	1.5	9.2	10.6	11.5	13.6	10.3	3.3	4.1	-0.7
12	3.7	-8.7	4.3	5.2	-1.4	12.4	5.4	14.4	10.7	3.2	3.6	-1.5
13	-0.4	-6.0	-1.5	4.4	1.7	15.2	4.5	14.6	12.2	2.3	2.1	-1.4
14	2.1	-3.8	-6.8	-7.6	3.0	11.7	7.0	13.5	15.6	-1.6	2.5	0.4
15	7.0	-1.7	-3.5	-2.3	-0.4	9.3	8.9	12.5	16.0	0.7	4.7	5.2
16	1.8	8.8	1.3	7.5	3.1	10.4	7.6	12.8	15.0	1.5	2.4	5.3
17	4.6	7.9	3.0	5.8	3.9	10.9	6.4	12.4	10.0	-0.9	-0.9	4.3
18	-1.1	-2.3	3.4	4.4	8.4	10.6	8.6	10.8	8.6	-2.8	3.8	1.7
19	-5.7	-5.5	4.9	0.8	9.8	9.6	9.8	10.0	9.3	-2.2	6.9	1.6
20	-5.0	-6.6	2.6	-0.2	5.9	9.3	12.2	11.6	9.6	4.2	-5.4	1.9
21	0.7	-6.0	-4.5	-1.2	0.7	10.7	11.4	14.7	10.5	12.0	-5.4	-0.5
22	-0.4	-0.3	-12.9	0.1	2.7	10.6	9.4	16.7	12.3	11.8	1.8	1.4
23	-3.9	0.9	-13.0	3.6	6.1	10.3	9.6	11.7	10.2	9.6	-1.5	2.3
24	4.0	-5.2	-9.8	6.3	2.1	9.4	10.5	10.2	10.0	6.6	0.0	1.3
25	2.2	0.5	-7.4	0.2	1.1	12.3	11.9	8.9	8.6	4.8	7.1	-5.7
26	1.6	-3.4	-1.3	-1.4	1.4	11.3	11.6	12.4	6.1	6.1	7.1	-9.9
27	-1.3	-7.8	1.9	3.6	3.2	13.8	12.0	9.0	2.8	4.8	0.4	-3.9
28	-1.9	-8.6	0.4	6.3	3.8	14.4	16.1	11.3	4.2	5.9	-6.9	-3.8
29	-6.9	-2.5	-0.6	7.0	2.0	12.7	14.8	14.7	4.2	2.5	-9.0	-3.0
30	-5.1		-8.8	4.8	1.3	10.9	14.1	16.5	4.6	-0.4	-11.3	-2.3
31	0.9		-(9.5)		(2.7)		12.3	11.7		1.4		-4.4
Average	-0.3	-2.6	-(2.6)	(2.4)	(3.2)	(10.1)	10.6	12.9	9.3	4.4	2.3	-0.7

Skalnaté Pleso

Daily and monthly minima of air temperature [°C]

Year 2020

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-7.3	1.5	-2.6		1.5	(1.2)	9.6	6.5	5.5	2.7	1.2	-13.2
2	-0.3	-2.7	-3.0		-0.1	-0.5	10.8	6.2	4.2	3.1	3.7	-5.8
3	1.9	-3.8	-1.2	-(5.2)	-1.8	1.0	8.7	10.4	3.8	6.9	5.1	-1.8
4	-10.1	-8.0	-8.7	-6.0	-1.8	1.8	8.1	10.0	4.8	5.8	1.6	-1.2
5	-12.7	-12.3	-8.8	-6.2	-5.5	5.9	8.6	10.0	8.9	3.9	0.5	-0.2
6	-12.0	-9.6	-4.9	-1.8	-5.9	5.9	7.2	11.8	8.5	3.6	0.3	0.0
7	-3.8	-9.2	-6.1	0.5	-3.5	7.4	2.2	12.1	3.7	2.7	6.3	-1.0
8	-2.5	-5.6	-7.5	1.3	-1.7	6.6	2.0	11.8	2.7	1.8	3.0	-3.2
9	2.2	0.9	-7.7	1.8	3.7	6.5	6.2	12.0	7.1	4.3	3.5	-2.5
10	-2.4	-7.1	-5.3	-0.5	6.6	8.1	10.9	11.1	7.7	4.9	1.8	-5.3
11	-4.8	-9.1	-1.7	-1.7	5.4	7.9	5.0	11.0	7.0	2.0	1.9	-2.9
12	-1.7	-9.9	1.2	-1.6	-6.2	9.0	3.2	11.3	8.2	1.7	-3.2	-3.4
13	-4.4	-9.4	-5.2	-4.2	-5.8	9.1	3.0	11.6	8.5	-1.9	-1.5	-3.6
14	-2.0	-5.6	-11.1	-9.7	-1.2	7.4	3.2	11.5	11.9	-2.9	-1.0	-2.2
15	3.7	-7.2	-10.3	-9.8	-2.2	6.8	5.6	9.4	13.2	-1.5	2.0	-1.1
16	-3.4	3.0	-2.0	1.8	-2.3	9.2	5.4	9.8	11.7	-0.2	0.0	1.0
17	0.3	2.5	-0.3	1.9	0.7	8.4	5.1	11.2	2.8	-2.9	-2.0	1.4
18	-6.6	-6.5	0.1	0.0	1.4	7.9	7.6	9.7	3.1	-4.2	-2.2	-2.7
19	-7.6	-8.2	1.1	-4.7	5.1	8.5	7.3	8.7	4.6	-4.3	-1.5	-0.6
20	-9.2	-8.4	0.5	-5.4	0.2	8.1	8.4	8.2	6.4	-3.9	-8.7	-1.2
21	-4.0	-8.6	-11.2	-5.4	-3.3	8.8	8.9	9.7	7.4	9.9	-8.5	-4.7
22	-9.4	-8.9	-14.6	-4.5	-4.4	9.1	6.4	13.2	8.5	8.8	-2.4	-0.4
23	-10.8	-2.0	-14.3	-2.7	-0.2	6.2	6.2	8.9	8.8	7.2	-6.3	0.6
24	1.2	-8.7	-13.7	1.2	-0.1	5.0	7.7	8.4	7.7	4.3	-7.0	-3.4
25	-1.0	-2.5	-12.6	-4.8	-0.4	8.0	9.4	6.8	7.8	3.8	2.6	-7.9
26	-1.4	-8.4	-8.2	-5.4	0.1	8.5	9.6	7.2	2.5	2.6	2.4	-12.8
27	-3.7	-9.9	-2.7	-2.2	1.5	10.4	10.0	5.2	1.0	2.6	-3.5	-11.7
28	-6.3	-10.1	-1.6	1.6	1.9	11.8	10.4	3.9	1.0	3.4	-9.4	-5.4
29	-9.6	-10.7	-5.0	3.4	0.3	8.0	10.3	11.8	2.5	-1.4	-11.3	-5.0
30	-8.7		-12.5	2.3	-0.8	7.2	9.3	14.7	3.3	-3.8	-13.1	-4.0
31	-1.1		-(13.4)		-(1.1)		7.6	6.5		-1.7		-5.7
Extreme	-12.7	-12.3	-(14.6)	-(9.8)	-(6.2)	-(0.5)	2.0	3.9	1.0	-4.3	-13.1	-13.2

Skalnaté Pleso

Daily and monthly maxima of air temperature [°C]

Year 2020

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	2.0	10.5	2.6		6.6	(7.7)	19.6	16.5	9.1	7.0	9.8	2.9
2	7.8	2.6	4.0		7.5	4.2	16.6	15.2	6.8	10.4	10.8	-0.3
3	10.0	0.2	4.5	(4.2)	3.6	7.9	16.0	15.3	9.9	12.5	9.8	2.0
4	3.7	2.6	-1.2	3.0	5.1	11.0	14.2	17.3	12.6	12.0	12.8	1.5
5	-9.5	-6.7	-1.6	5.7	2.7	8.4	16.6	18.3	16.1	10.7	5.3	3.7
6	-2.4	-2.8	0.2	7.1	0.6	13.8	19.4	19.2	12.8	9.4	10.0	2.3
7	4.8	-3.0	-0.8	11.3	6.7	16.8	7.2	20.6	9.1	8.0	15.1	1.4
8	8.4	5.6	0.5	11.0	12.0	13.4	9.5	21.0	11.0	7.7	12.0	2.0
9	4.8	8.3	0.6	12.8	12.8	15.5	11.9	20.6	14.8	11.4	11.5	2.4
10	9.0	6.9	3.1	7.6	13.0	15.8	18.2	19.1	15.3	12.2	10.0	0.1
11	-1.1	-2.8	5.2	5.9	14.8	14.0	17.0	18.5	14.9	5.1	7.3	2.6
12	9.0	-6.7	9.1	11.2	5.6	17.9	9.4	18.9	13.0	4.6	8.3	1.6
13	3.7	-2.0	2.6	10.4	8.0	19.7	6.5	19.3	16.0	4.7	7.6	2.5
14	7.5	-1.1	-2.7	-4.1	8.1	15.8	9.9	16.4	19.4	0.1	6.0	6.4
15	10.6	6.5	1.7	3.0	1.7	12.6	13.0	16.8	19.5	4.9	8.2	10.3
16	7.9	13.7	6.4	13.1	8.2	14.7	10.4	17.1	18.6	3.9	6.9	9.0
17	7.0	12.8	7.4	9.8	9.9	15.7	8.4	15.8	15.3	0.7	0.3	8.9
18	6.5	2.5	7.9	9.6	14.3	13.5	10.8	12.1	12.4	0.4	8.2	5.2
19	-1.4	-2.6	10.9	4.2	14.5	11.8	13.9	12.0	14.1	1.2	13.2	6.4
20	0.9	-2.7	5.0	5.6	12.8	11.6	16.1	15.6	14.2	12.2	-1.5	5.9
21	5.8	-2.9	0.7	5.5	4.8	15.1	16.4	19.6	14.5	14.1	-1.4	2.5
22	5.8	5.6	-9.4	6.3	9.6	12.2	12.7	21.0	15.2	16.6	6.5	3.8
23	2.1	4.5	-11.5	10.7	10.8	15.2	13.4	14.2	13.6	13.8	2.5	5.6
24	10.2	0.2	-5.0	12.0	6.1	13.2	13.2	14.2	14.7	11.1	4.6	5.8
25	6.9	3.5	-2.4	4.6	3.5	16.0	14.8	11.6	10.2	7.2	12.1	-3.1
26	6.2	0.6	3.6	2.8	5.8	15.0	16.7	17.5	8.7	11.8	12.7	-7.5
27	3.2	-3.3	7.1	10.2	7.3	17.5	15.2	14.1	7.1	6.5	5.7	-0.6
28	1.6	-6.7	4.4	10.0	9.0	19.5	21.2	16.4	5.8	10.2	-3.4	-2.3
29	-2.8	3.1	4.7	10.3	5.0	17.4	18.5	17.1	6.1	7.1	-8.0	-0.9
30	1.1		-4.8	7.8	4.6	15.6	19.7	19.3	6.4	3.0	-8.0	0.6
31	3.7		-(5.2)		(5.7)		17.2	17.3		5.2		-2.7
Extreme	10.6	13.7	(10.9)	(13.1)	(14.8)	(19.7)	21.2	21.0	19.5	16.6	15.1	10.3

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	48	62	92		90	(83)	79	77	100	98	58	50
2	17	85	81		90	88	90	85	100	96	93	35
3	26	97	92	(68)	91	81	94	86	99	92	96	87
4	91	94	96	71	86	88	96	95	92	81	97	99
5	92	81	67	61	87	98	90	94	92	82	66	97
6	42	72	82	51	94	86	89	83	100	77	52	92
7	39	70	92	37	69	82	88	78	100	92	66	96
8	44	52	90	40	67	89	87	78	88	92	76	80
9	95	41	81	43	64	92	98	84	72	75	51	69
10	72	66	78	63	66	88	73	84	90	95	43	92
11	84	85	90	59	75	91	91	84	93	100	53	63
12	19	87	74	55	84	87	81	74	95	100	50	73
13	62	70	73	72	87	78	87	72	88	100	65	76
14	32	92	67	84	96	93	86	89	72	93	81	55
15	19	71	23	75	92	97	88	93	56	96	69	35
16	54	23	23	46	84	100	96	91	75	100	85	51
17	21	49	57	61	81	94	97	96	92	100	99	74
18	51	79	71	61	61	97	100	98	31	98	75	66
19	81	80	66	64	74	100	95	96	41	96	53	51
20	68	81	87	57	66	100	89	91	50	66	83	65
21	28	77	92	71	68	96	93	83	64	32	35	75
22	49	49	83	69	57	97	96	82	58	48	38	82
23	52	86	89	66	65	82	91	96	84	59	84	97
24	20	81	52	54	88	90	89	96	90	88	52	94
25	34	86	51	85	95	85	86	96	94	99	18	96
26	47	89	71	72	95	93	92	68	90	81	22	92
27	64	82	64	63	93	85	94	86	92	87	63	68
28	72	92	75	66	86	89	79	75	93	85	96	98
29	76	72	75	76	93	91	81	86	99	94	94	95
30	82		70	94	88	85	77	78	95	99	92	91
31	82		(61)		(98)		65	88		85		95
Average	54	74	(73)	(64)	(82)	(90)	88	86	83	87	67	77

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	824.3	811.4	806.7		810.1	(818.5)	821.2	821.9	814.8	809.2	821.4	815.9
2	827.0	808.5	801.0		810.4	814.0	820.2	821.8	820.1	811.6	821.0	816.1
3	821.6	807.7	803.7	(814.5)	813.7	810.1	820.9	818.6	825.2	813.5	824.7	811.3
4	813.8	798.6	807.6	821.6	817.5	807.8	823.7	817.6	827.9	813.1	827.0	807.8
5	817.4	808.6	806.9	827.8	813.4	807.7	823.3	823.3	825.5	815.2	830.4	812.7
6	822.7	816.6	801.7	830.1	812.3	815.6	819.3	828.1	823.2	815.9	831.0	814.0
7	821.0	819.0	809.2	831.9	817.2	816.6	819.4	830.1	824.6	815.4	831.3	810.6
8	824.0	823.6	815.2	829.5	820.9	817.0	821.5	828.9	829.3	820.7	827.2	811.3
9	822.0	820.4	812.5	823.4	819.7	818.0	823.3	827.0	828.1	823.6	827.4	811.8
10	819.0	803.8	812.3	822.3	816.9	816.8	823.9	825.8	824.4	821.6	828.1	806.3
11	822.7	800.2	812.5	823.5	809.2	816.9	823.9	826.4	824.6	818.3	826.3	806.4
12	823.6	807.8	814.6	821.3	811.7	818.1	824.8	826.4	827.5	814.1	822.0	805.0
13	820.4	812.6	812.6	813.2	814.4	819.6	825.0	824.8	831.9	805.8	821.8	810.0
14	819.2	812.5	816.2	812.2	814.1	816.9	822.5	822.8	835.0	803.8	823.2	816.5
15	823.7	822.6	822.5	819.0	815.4	818.0	820.4	821.8	832.6	813.0	821.8	819.2
16	826.4	823.2	823.1	819.7	822.0	818.7	819.1	822.4	827.4	812.8	818.4	820.4
17	824.2	820.1	826.3	817.8	822.2	816.2	819.9	820.9	825.4	812.2	825.0	822.5
18	819.9	818.9	828.2	817.6	825.0	815.7	822.3	817.3	827.4	816.9	827.9	824.0
19	822.8	815.2	825.7	817.0	822.9	817.2	822.6	816.2	826.6	822.3	821.7	823.7
20	833.8	816.0	822.1	820.2	819.5	817.5	823.1	821.3	824.4	823.3	820.8	823.3
21	833.0	815.0	816.2	821.5	820.6	818.0	825.6	825.7	824.9	821.2	826.4	822.2
22	822.8	821.2	817.6	822.8	823.1	819.8	825.0	825.0	823.1	823.4	824.2	818.0
23	825.1	812.3	821.7	822.1	823.7	822.6	822.1	822.3	818.2	820.1	822.2	816.6
24	820.7	811.1	823.8	814.4	821.8	825.2	820.4	821.6	816.7	819.4	824.6	809.7
25	818.5	805.2	823.1	807.4	823.6	828.1	820.6	820.2	809.6	817.4	822.9	809.0
26	817.7	798.2	824.1	812.1	826.7	825.9	822.5	818.5	802.3	813.3	821.4	813.8
27	814.0	800.8	821.8	815.0	828.0	823.5	824.4	818.6	810.3	816.8	818.7	808.9
28	804.1	805.0	815.9	813.6	823.9	823.6	823.7	818.1	816.0	819.4	814.9	797.1
29	802.7	808.8	812.6	810.5	821.4	819.4	825.1	818.0	815.3	817.8	814.0	799.2
30	809.0		813.2	812.5	816.9	819.4	826.3	818.7	811.8	818.6	817.6	805.0
31	807.2		(816.9)		(813.7)		823.4	819.0		820.6		806.7
Average	820.1	811.9	(815.7)	(819.1)	(818.4)	(818.1)	822.6	822.2	822.5	816.5	823.5	812.7

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0.2	-0.3	-0.4		5.4	(4.5)	13.6	13.1	11.6	6.4	3.3	1.8
2	0.1	-0.1	-0.3		4.8	4.1	13.1	13.2	10.7	6.9	4.4	1.8
3	0.1	-0.1	-0.2	-(0.4)	4.2	4.6	12.5	13.3	10.4	7.6	5.6	1.4
4	0.1	-0.1	-0.1	-0.4	3.8	5.6	12.6	13.2	10.6	8.0	6.2	1.2
5	0.1	-0.3	-0.1	-0.4	3.2	6.4	12.8	13.8	11.6	7.3	5.4	0.9
6	0.1	-1.1	-0.1	-0.2	2.4	7.8	13.2	14.2	11.8	6.9	4.1	0.8
7	0.0	-1.0	-0.2	-0.1	2.3	9.2	11.8	14.6	11.0	6.6	4.7	0.7
8	0.0	-1.1	-0.4	-0.1	3.4	9.6	10.6	15.0	10.1	6.4	5.0	0.7
9	0.0	-0.7	-0.6	-0.1	5.1	10.1	10.9	15.1	10.4	6.1	4.6	0.5
10	0.1	-0.4	-0.6	-0.1	5.9	10.8	12.3	15.0	11.0	6.7	4.3	0.4
11	0.1	-0.2	-0.3	0.0	7.0	10.7	12.7	14.6	11.3	6.8	3.7	0.3
12	0.1	-0.4	-0.2	0.0	6.5	10.8	11.7	14.6	11.2	6.1	3.5	0.2
13	0.1	-0.6	-0.1	0.0	5.2	11.9	10.2	14.5	11.4	5.0	3.2	0.2
14	0.1	-0.7	-0.6	0.0	5.9	11.8	9.8	14.3	12.1	4.1	3.1	0.2
15	0.1	-0.6	-1.6	0.0	4.5	11.6	10.2	14.3	12.5	3.7	3.5	0.2
16	0.1	-0.5	-1.5	0.0	4.7	11.5	10.1	14.1	13.0	3.9	3.6	0.2
17	0.1	-0.2	-0.7	0.0	5.0	11.5	9.6	14.0	12.7	3.5	3.7	0.2
18	0.0	-0.1	-0.3	1.7	6.1	11.5	9.3	13.5	11.5	3.2	3.4	0.2
19	-0.1	-0.4	-0.2	3.2	7.2	11.3	9.9	12.8	10.8	2.8	3.5	0.3
20	-0.7	-1.0	-0.1	3.0	8.0	11.2	10.8	12.7	10.8	2.8	3.3	0.3
21	-1.0	-1.4	-0.1	2.7	6.6	11.2	11.4	13.1	10.6	3.8	2.5	0.3
22	-0.8	-1.6	-0.2	2.6	6.4	11.3	11.3	14.3	11.0	5.2	2.0	0.3
23	-1.1	-0.5	-0.4	3.4	7.2	11.6	11.1	14.0	10.9	5.7	1.9	0.2
24	-1.0	-0.2	-0.7	4.5	6.4	11.3	11.0	13.1	11.1	6.2	1.8	0.3
25	-0.8	-0.1	-1.0	4.2	5.2	12.3	11.2	12.7	10.3	6.3	1.7	0.4
26	-0.8	-0.1	-0.8	3.2	4.7	12.5	11.5	12.3	9.3	5.9	1.7	0.4
27	-0.7	-0.2	-0.4	3.5	4.8	12.3	11.8	12.3	8.4	5.6	1.8	0.4
28	-1.0	-0.5	-0.2	4.5	5.1	13.2	13.0	12.1	7.3	5.2	1.7	0.4
29	-1.0	-0.8	-0.2	5.2	4.6	13.5	13.5	12.6	7.1	4.9	1.6	0.2
30	-1.1		-0.6	5.8	4.1	12.8	13.7	13.6	6.5	4.1	1.7	0.2
31	-0.7		-(2.2)		(3.4)		13.4	13.6		3.5		0.1
Average	-0.3	-0.5	-(0.5)	(1.6)	(5.1)	(10.3)	11.6	13.7	10.6	5.4	3.4	0.5

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0.5	-0.2	-0.1		5.3	(4.2)	12.9	13.0	12.4	6.8	3.9	2.7
2	0.4	-0.1	-0.1		4.9	4.3	13.1	13.0	11.3	7.0	4.4	2.6
3	0.4	-0.1	-0.1	-(0.3)	4.5	4.3	12.6	13.2	10.8	7.5	5.4	2.2
4	0.3	-0.1	-0.1	-0.2	4.0	5.0	12.6	13.0	10.7	8.0	6.0	1.7
5	0.4	-0.1	-0.1	-0.2	3.6	5.9	12.5	13.4	11.3	7.5	5.8	1.3
6	0.4	-0.1	-0.1	-0.2	3.0	6.8	12.9	13.7	11.7	7.1	4.9	1.0
7	0.4	-0.1	-0.1	-0.1	2.6	8.1	12.3	14.2	11.3	6.9	4.9	0.9
8	0.4	-0.2	-0.1	-0.1	3.0	8.9	11.1	14.5	10.6	6.7	5.3	0.8
9	0.4	-0.2	-0.1	-0.1	4.2	9.3	11.0	14.8	10.4	6.4	5.2	0.7
10	0.4	-0.2	-0.2	-0.1	5.2	10.0	11.6	14.9	10.9	6.7	5.0	0.6
11	0.5	-0.1	-0.1	-0.1	6.2	10.2	12.3	14.6	11.2	7.0	4.6	0.5
12	0.5	-0.1	-0.1	-0.1	6.4	10.3	11.9	14.5	11.2	6.5	4.3	0.4
13	0.5	-0.1	-0.1	-0.1	5.6	10.9	10.8	14.5	11.3	5.5	4.1	0.4
14	0.5	-0.2	-0.1	0.0	5.6	11.4	10.2	14.4	11.7	4.9	4.0	0.4
15	0.5	-0.2	-0.3	0.3	5.0	11.3	10.2	14.3	12.3	4.4	4.1	0.4
16	0.5	-0.2	-0.5	0.5	4.5	11.2	10.2	14.1	12.8	4.3	4.2	0.4
17	0.5	-0.1	-0.4	1.2	4.8	11.2	9.8	14.0	12.8	4.1	4.3	0.4
18	0.4	-0.1	-0.2	2.5	5.4	11.2	9.4	13.6	12.2	3.9	4.1	0.4
19	0.3	-0.1	-0.2	3.4	6.4	11.2	9.7	13.1	11.5	3.7	4.0	0.5
20	0.2	-0.1	-0.1	3.2	7.3	11.0	10.3	12.7	11.3	3.5	4.1	0.6
21	0.0	-0.2	-0.1	3.0	6.9	11.0	11.0	12.9	11.1	3.9	3.6	0.6
22	0.0	-0.4	-0.1	2.9	6.3	11.0	11.1	13.7	11.2	5.0	3.0	0.6
23	-0.1	-0.3	-0.1	3.2	6.7	11.1	11.0	14.1	11.2	5.7	2.8	0.6
24	-0.1	-0.2	-0.1	4.0	6.7	11.0	10.9	13.4	11.2	6.1	2.7	0.6
25	-0.2	-0.1	-0.2	4.4	5.7	11.5	10.9	12.9	10.7	6.3	2.6	0.7
26	-0.2	-0.1	-0.2	3.7	5.1	12.2	11.2	12.4	9.7	6.1	2.5	0.8
27	-0.2	-0.1	-0.2	3.4	4.8	11.9	11.5	12.4	9.0	5.9	2.6	0.9
28	-0.2	-0.1	-0.1	4.1	5.0	12.7	12.2	12.2	8.2	5.6	2.6	0.7
29	-0.3	-0.1	-0.1	4.8	4.9	13.1	13.0	12.5	7.5	5.3	2.6	0.5
30	-0.3	-0.1	-0.1	5.4	4.4	12.7	13.3	13.2	7.0	4.8	2.6	0.4
31	-0.3		-(0.4)		(3.7)		13.3	13.5		3.9		0.3
Average	0.2	-0.1	-(0.2)	(1.7)	(5.1)	(9.8)	11.5	13.6	10.9	5.7	4.0	0.8

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-2.7	4.0	-0.7		4.0	(4.8)	16.7	12.8	7.4	4.7	5.4	-5.0
2	3.4	0.2	-1.5		3.2	2.2	13.8	12.6	7.0	6.8	7.2	-4.9
3	4.8	-1.0	0.2	-(0.4)	0.6	4.8	11.7	12.6	6.6	9.8	7.4	0.0
4	-3.6	-4.0	-1.1	0.0	2.3	8.2	11.2	14.1	10.5	7.9	6.8	0.0
5	-3.3	-9.5	-5.0	2.0	-0.3	6.9	13.4	14.6	12.6	7.2	2.1	0.7
6	-5.3	-6.2	-3.1	4.3	-2.4	10.5	13.8	16.5	10.9	6.3	4.0	0.8
7	-3.2	-5.8	-3.1	7.3	2.6	13.0	5.4	17.1	8.0	5.0	8.7	0.2
8	-0.1	0.1	-4.0	8.1	7.2	10.5	7.6	17.7	6.4	4.1	6.6	-1.4
9	2.5	2.8	-3.7	8.8	9.9	12.2	10.1	16.9	12.0	7.4	5.9	-1.0
10	3.4	0.3	-1.6	6.6	9.8	11.1	15.0	14.9	11.1	7.8	4.0	-3.4
11	-3.0	-3.6	1.8	4.0	9.9	11.2	11.8	14.2	11.0	4.2	2.9	-2.5
12	2.0	-2.6	4.0	7.6	2.2	12.5	6.7	15.3	10.4	3.2	2.8	-2.3
13	-0.7	-4.8	-1.2	5.6	2.5	15.6	5.2	14.8	12.2	2.3	2.1	-2.6
14	0.9	-3.4	-6.2	-6.2	4.2	12.3	7.4	13.5	16.3	-1.5	2.4	-1.8
15	5.4	-1.6	-2.2	-0.3	0.2	11.3	9.0	13.4	16.6	0.9	4.4	2.4
16	1.2	6.5	1.3	9.5	4.4	11.5	8.1	14.4	15.2	1.5	2.6	3.4
17	3.2	6.3	4.3	7.4	5.0	11.4	7.3	12.5	11.0	0.3	0.0	2.8
18	-1.0	-2.1	3.8	8.8	10.5	11.6	8.8	11.4	9.8	-0.6	2.7	0.2
19	-5.1	-5.0	5.6	2.9	10.9	10.2	10.0	10.5	10.2	-1.2	6.3	0.0
20	-5.3	-6.3	2.7	2.7	8.8	10.3	12.4	12.2	10.5	3.4	-4.4	0.8
21	0.5	-6.3	-4.0	1.2	1.5	10.8	11.6	14.9	11.3	10.1	-5.7	-1.4
22	-0.8	-0.5	-11.4	2.5	5.7	10.5	10.1	17.3	12.9	11.5	0.9	0.4
23	-3.3	1.2	-1.9	6.1	8.6	12.1	9.9	11.5	10.4	9.0	-1.5	1.8
24	2.9	-2.5	-5.3	8.1	2.4	11.1	10.2	10.8	10.0	7.4	-0.9	0.9
25	1.8	-0.6	-6.0	0.5	2.0	14.7	11.9	10.0	8.3	5.1	4.6	-4.4
26	1.6	-2.2	-1.3	-0.6	1.8	11.4	11.7	12.6	6.1	5.9	5.2	-7.4
27	-0.8	-6.8	2.4	5.4	3.4	13.9	12.4	10.6	3.8	4.3	0.5	-4.6
28	-2.2	-5.5	0.7	6.8	4.4	14.4	17.0	13.2	4.0	4.9	-4.7	-3.8
29	-5.3	-3.3	-0.3	7.4	2.0	12.4	14.8	14.8	4.6	3.1	-3.6	-3.0
30	-4.4		-5.9	5.8	1.4	11.8	15.2	17.0	4.1	0.6	-6.0	-2.6
31	0.3		-(7.5)		(2.5)		12.5	14.6		1.7		-3.3
Average	-0.5	-2.1	-(1.6)	(4.4)	(4.2)	(10.8)	11.1	13.8	9.7	4.6	2.3	-1.3

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-7.6	0.6	-2.1		0.2	(1.0)	7.5	4.0	5.9	1.6	-0.8	-9.2
2	-2.0	-2.5	-4.2		-0.9	-0.2	8.2	3.0	4.2	2.7	1.9	-9.8
3	0.7	-2.5	-0.9	-(5.8)	-1.7	0.3	8.7	8.6	1.8	6.7	3.9	-3.5
4	-7.4	-8.3	-7.3	-6.5	-1.8	0.5	8.0	10.1	1.8	5.8	2.2	-1.1
5	-6.8	-12.7	-9.0	-6.7	-5.1	5.6	7.0	9.8	6.8	2.8	-2.4	-0.2
6	-8.1	-10.3	-5.9	-2.9	-5.4	3.9	7.1	9.7	7.6	2.3	-2.5	-0.2
7	-6.9	-10.3	-5.2	-1.2	-4.1	6.3	0.2	9.9	1.7	2.8	3.1	-0.9
8	-6.0	-8.0	-6.4	-1.8	-2.4	6.1	0.0	9.5	0.3	0.0	0.1	-3.1
9	1.0	-2.5	-7.6	0.4	2.9	5.2	6.9	9.8	3.7	0.4	-0.3	-3.6
10	-2.9	-5.7	-6.6	-2.5	5.7	7.0	7.7	9.1	5.1	3.4	-2.0	-4.9
11	-6.0	-8.8	-2.9	-3.4	5.2	5.9	5.5	8.5	4.6	2.8	-2.5	-5.1
12	-5.2	-6.4	0.2	-2.9	-5.7	7.9	3.0	6.4	5.7	1.9	-2.5	-4.4
13	-4.9	-7.4	-5.3	-2.8	-5.8	8.8	1.4	5.8	6.2	-1.7	-3.3	-6.2
14	-5.0	-5.5	-11.7	-10.4	-1.5	7.2	0.4	8.1	9.4	-2.5	-3.4	-6.3
15	-0.5	-6.4	-11.4	-10.6	-2.8	7.2	2.6	8.4	9.2	-2.4	-0.7	-4.6
16	-5.2	0.8	-4.0	0.0	-3.6	9.2	4.6	8.0	9.0	-0.2	-1.2	0.2
17	-2.1	1.4	-2.1	0.7	-0.4	7.4	5.0	10.0	1.5	-0.3	-2.4	-0.2
18	-7.3	-7.5	-1.4	-0.9	0.2	6.8	7.1	9.0	1.4	-3.8	-3.2	-4.6
19	-9.4	-8.8	-0.6	-5.2	3.0	7.8	6.3	7.8	2.7	-4.6	-0.6	-4.8
20	-10.6	-9.8	-0.9	-6.1	0.0	7.7	6.3	6.8	3.4	-4.7	-9.1	-4.3
21	-6.4	-10.1	-10.9	-5.3	-3.9	8.0	6.8	6.0	1.8	7.0	-9.7	-4.9
22	-9.6	-10.7	-14.6	-5.0	-4.8	9.0	4.8	9.3	4.8	6.2	-5.3	-3.4
23	-11.3	-1.3	-11.0	-3.6	-1.5	4.7	4.0	6.7	8.4	4.0	-6.7	0.2
24	-2.9	-5.1	-10.3	-0.7	-0.1	3.4	5.6	6.3	6.2	4.6	-8.3	-3.2
25	-3.1	-2.1	-9.8	-5.5	-0.4	7.3	7.4	5.8	6.9	3.8	-1.2	-7.3
26	-3.8	-7.1	-8.9	-6.2	-0.1	7.3	8.5	4.8	2.3	1.2	-0.7	-13.9
27	-5.7	-9.8	-4.0	-3.8	1.0	9.8	8.6	2.6	-1.2	0.4	-3.5	-12.4
28	-6.2	-9.9	-2.5	-0.1	1.8	9.6	7.5	2.5	0.6	0.8	-10.2	-5.4
29	-9.6	-10.0	-4.4	3.2	0.0	6.6	7.3	11.3	1.9	-0.5	-6.3	-5.1
30	-8.4		-12.6	2.0	-0.7	5.2	7.0	13.5	3.2	-3.8	-9.3	-4.3
31	-1.7		-(13.9)		-(0.8)		4.8	7.2		-2.6		-5.7
Extreme	-11.3	-12.7	-(14.6)	-(10.6)	-(5.8)	-(0.2)	0.0	2.5	-1.2	-4.7	-10.2	-13.9

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	6.3	2.3	2.7		3.9	(6.1)	1.8	1.3	4.4	1.2	0.7	0.6
2	3.6	2.7	7.7		1.0	3.1	3.9	0.8	1.6	6.5	2.0	4.6
3	4.0	0.7	11.0		3.9	2.5	1.4	4.6	(0.4)	18.7	1.2	13.9
4	2.6	7.9	0.2	(1.4)	2.8	3.8	0.9	5.6	0.9	13.3	0.4	18.7
5	5.6	11.8	2.4	2.1	2.7	9.4	0.9	2.3	1.4	9.4	1.8	15.1
6	1.4	4.8	7.8	3.8	6.0	3.1	2.1	2.0	1.3	3.4	1.2	15.9
7	0.7	4.2	1.1	1.1	6.8	6.2	4.0	3.2	0.9	1.8	0.5	12.5
8	0.7	1.4	2.0	1.5	1.6	2.6	1.2	2.4	0.9	1.8	0.6	2.8
9	0.8	1.7	1.1	4.0	1.7	1.4	1.0	3.5	1.0	0.8	2.1	5.1
10	1.3	5.8	1.2	2.8	5.0	2.9	5.1	2.8	0.8	0.7	0.7	5.3
11	2.9	4.4	3.6	1.6	11.4	2.0	2.4	2.6	0.6	1.2	0.3	5.1
12	0.8	2.6	3.5	1.3	1.7	3.8	4.2	2.5	0.7	2.8	1.5	5.1
13	0.6	4.5	4.7	2.9	3.8	4.9	2.0	1.0	1.2	3.2	0.5	0.5
14	0.6	3.0	3.8	4.0	1.8	1.7	1.0	0.8	1.5	2.6	0.6	0.5
15	1.6	1.1	5.1	1.1	0.4	1.4	1.0	1.8	2.6	1.2	2.7	0.7
16	0.8	2.8	4.4	1.6	1.7	2.6	1.1	2.1	2.7	3.7	0.9	1.2
17	9.6	1.7	1.9	2.2	2.0	4.4	3.5	1.8	1.1	0.5	0.0	1.2
18	2.3	2.9	1.3	1.7	1.9	0.9	3.0	0.9	3.8	0.5	0.3	0.4
19	2.4	1.8	0.8	2.4	1.9	0.7	2.0	2.4	0.9	0.6	0.8	0.6
20	0.6	4.5	0.6	2.4	3.2	0.9	2.1	1.3	1.4	1.7	4.1	2.6
21	1.3	7.9	0.4	5.9	5.6	4.7	1.2	1.0	1.0	2.1	2.4	0.6
22	6.8	2.0	6.5	5.2	2.0	5.5	0.8	1.0	2.9	2.4	1.2	1.3
23	1.0	3.7	11.6	1.7	1.1	6.0	1.0	1.0	7.2	0.8	2.0	1.4
24	0.9	4.4	8.2	1.7	7.2	2.3	1.3	0.9	2.1	0.8	0.7	2.3
25	0.7	2.7	3.8	5.0	1.3	3.6	3.4	1.6	10.5	2.8	0.7	1.0
26	0.5	1.2	4.4	1.6	6.1	7.4	1.6	2.8	5.6	6.0	0.7	0.6
27	0.7	4.2	2.8	1.7	5.0	4.3	0.8	1.7	2.0	4.4	0.6	10.9
28	4.1	6.1		2.1	4.4	1.2	1.8	2.5	5.7	1.5	0.7	14.8
29	2.6	2.4		3.3	3.9	2.9	1.4	8.4	1.2	1.5	0.2	10.1
30	4.1			1.2	4.9	1.2	1.6	12.7	5.8	0.9	0.2	5.6
31	6.1				(8.1)		2.6	3.0		2.2		0.7
Average	2.5	3.7	(3.9)	(2.5)	(3.7)	(3.5)	2.0	2.7	(2.5)	3.3	1.1	5.2

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	39.0	18.0	27.0		21.0	(40.0)	10.0	9.0	27.0	7.0	4.0	6.0
2	31.0	30.0	38.0		8.0	18.0	23.0	6.0	12.0	33.0	18.0	15.0
3	28.0	13.0	41.0		29.0	12.0	14.0	18.0	(5.0)	37.0	14.0	34.0
4	27.0	42.0	3.0	(8.0)	21.0	26.0	7.0	26.0	8.0	45.0	3.0	33.0
5	29.0	44.0	23.0	9.0	18.0	31.0	6.0	11.0	9.0	38.0	13.0	59.0
6	11.0	34.0	35.0	13.0	33.0	13.0	24.0	9.0	8.0	21.0	12.0	33.0
7	5.0	24.0	11.0	7.0	43.0	20.0	26.0	10.0	8.0	12.0	4.0	28.0
8	5.0	11.0	12.0	12.0	11.0	17.0	6.0	7.0	6.0	15.0	4.0	14.0
9	5.0	22.0	9.0	24.0	9.0	8.0	7.0	13.0	6.0	7.0	8.0	15.0
10	14.0	51.0	10.0	27.0	28.0	14.0	23.0	12.0	4.0	4.0	4.0	18.0
11	24.0	33.0	37.0	12.0	36.0	25.0	17.0	9.0	4.0	6.0	3.0	19.0
12	5.0	26.0	22.0	12.0	11.0	19.0	20.0	11.0	5.0	13.0	10.0	18.0
13	5.0	36.0	41.0	24.0	37.0	18.0	11.0	6.0	10.0	13.0	3.0	4.0
14	4.0	32.0	20.0	24.0	40.0	13.0	6.0	6.0	10.0	23.0	5.0	6.0
15	12.0	7.0	23.0	9.0	9.0	6.0	7.0	9.0	8.0	10.6	15.0	7.0
16	5.0	15.0	31.0	15.0	9.0	12.0	7.0	12.0	12.0	13.0	7.0	7.0
17	36.0	15.0	11.0	15.0	17.0	15.0	16.0	10.0	9.0	5.0	3.0	8.0
18	20.0	25.0	13.0	13.0	16.0	7.0	14.0	8.0	15.0	13.0	4.0	3.0
19	26.0	24.0	5.0	18.0	19.0	6.0	11.0	16.0	5.0	4.0	11.0	3.0
20	6.0	31.0	4.0	14.0	18.0	8.0	11.0	13.0	7.0	14.0	27.0	14.0
21	11.0	40.0	4.0	30.0	44.0	20.0	10.0	7.0	8.0	21.0	22.0	10.0
22	32.0	21.0	30.0	21.0	11.0	29.0	6.0	8.0	15.0	9.0	16.0	14.0
23	11.0	28.0	24.0	11.0	8.0	33.0	10.6	9.0	18.0	5.0	17.0	19.0
24	10.0	26.0	37.0	15.0	36.0	10.0	11.0	6.0	16.0	11.0	4.0	27.0
25	3.0	20.0	18.0	28.0	11.0	12.0	12.0	13.0	29.0	14.0	4.0	10.0
26	4.0	15.0	27.0	11.0	22.0	27.0	6.0	21.0	31.0	32.0	5.0	4.0
27	6.0	27.0	13.0	10.0	19.0	26.0	5.0	16.0	13.0	24.0	5.0	36.0
28	32.0	31.0		11.0	18.0	32.0	16.0	24.0	17.0	10.0	5.0	31.0
29	20.0	22.0		15.0	23.0	23.0	15.0	31.0	14.0	19.0	6.0	28.0
30	35.0			8.0	22.0	10.0	9.0	40.0	31.0	11.0	6.0	29.0
31	37.0				(25.0)		17.0	30.0		23.0		4.0
Extreme	39.0	51.0	(41.0)	(30.0)	(44.0)	(40.0)	26.0	40.0	(31.0)	45.0	27.0	59.0

Skalnaté Pleso

Daily and monthly totals of precipitation [mm]

Year 2020

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0.0	0.0	3.0		12.0	(0.0)	0.0	0.0	38.0	12.0	0.0	0.0
2	0.0	7.0	1.0		1.0	8.0	41.0	0.0	13.0	2.0	4.0	0.0
3	0.0	52.0	2.0	(0.0)	2.0	0.0	13.0	7.0	1.0	0.0	0.0	0.0
4	14.0	5.0	10.0	0.0	0.0	5.0	0.0	9.0	0.0	2.0	12.0	0.0
5	5.0	0.0	0.0	0.0	5.0	11.0	0.0	1.0	0.0	2.0	1.0	0.0
6	1.0	0.0	0.0	0.0	31.0	0.0	3.0	0.0	25.0	0.0	0.0	0.0
7	0.0	1.0	0.0	0.0	1.0	11.0	10.0	0.0	17.0	10.0	0.0	0.0
8	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0	0.0	5.0	0.0	0.0
9	4.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
10	0.0	7.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	3.0	0.0	7.0
11	2.0	5.0	12.0	0.0	1.0	0.0	14.0	0.0	0.0	8.0	0.0	0.0
12	0.0	4.0	0.0	0.0	0.0	5.0	1.0	0.0	0.0	43.0	0.0	0.0
13	0.0	0.0	0.0	6.0	34.0	3.0	0.0	0.0	0.0	57.0	0.0	0.0
14	0.0	3.0	0.0	5.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	3.0	0.0	0.0	11.0	0.0	3.0	0.0	0.0	2.0	0.0	0.0
16	0.0	0.0	0.0	0.0	0.0	4.0	18.0	13.0	0.0	18.0	0.0	0.0
17	0.0	0.0	0.0	0.0	0.0	1.0	30.0	7.0	0.0	11.0	0.0	0.0
18	0.0	2.0	0.0	0.0	0.0	0.0	17.0	13.0	0.0	2.0	0.0	0.0
19	0.0	3.0	0.0	0.0	0.0	36.0	9.0	19.0	0.0	0.0	1.0	0.0
20	0.0	0.0	0.0	0.0	0.0	29.0	2.0	0.0	0.0	0.0	4.0	0.0
21	0.0	13.0	6.0	0.0	0.0	22.0	5.0	0.0	0.0	0.0	0.0	0.0
22	0.0	1.0	0.0	0.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	9.0
23	0.0	17.0	0.0	0.0	5.0	4.0	0.0	20.0	0.0	0.0	1.0	8.0
24	0.0	12.0	0.0	0.0	16.0	1.0	2.0	4.0	3.0	7.0	0.0	7.0
25	0.0	0.0	0.0	6.0	5.0	0.0	0.0	1.0	15.0	1.0	0.0	9.0
26	0.0	3.0	0.0	0.0	16.0	17.0	22.0	0.0	35.0	0.0	0.0	9.0
27	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28	1.0	5.0	1.0	0.0	3.0	24.0	2.0	0.0	27.0	0.0	9.0	2.0
29	2.0	0.0	0.0	6.0	13.0	5.0	0.0	0.0	8.0	4.0	13.0	10.0
30	2.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	44.0	34.0	4.0	2.0
31	5.0	(0.0)		(13.0)			0.0	7.0		26.0		2.0
Sum	36	143	(35)	(23)	(187)	(235)	194	101	226	249	49	65

Stará Lesná

Daily and monthly sums of global radiation [J/cm²]

Year 2020

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	366	522	299	2139	891	(1978)	2914	2437	414	253	841	90
2	378	581	604	2067	1197	1489	1080	2181	569	602	206	89
3	326	340	283	1748	1474	1560	1161	1343	1576	925	384	50
4	167	184	198	1895	1827	1478	2136	1718	1895	782	156	40
5	88	439	1059	2123	627	513	2682	1889	1658	748	417	186
6	190	628	423	2085	894	2303	2337	1936	644	1190	391	123
7	377	565	736	2187	2697	2146	1764	2253	507	596	590	96
8	(439)	1020	833	2184	2527	1471	1682	2386	1455	839	542	321
9	193	968	1410	2208	1931	1574	1270	2461	1822	1028	598	183
10	393	457	1179	1988	1571	1167	2757	2020	1289	1007	589	53
11	336	505	579	2221	1917	1562	1838	1998	1494	278	232	151
12	465	804	1113	2242	2077	1648	2791	2410	1480	119	258	366
13	538	1015	1029	1650	1269	2501	1233	1732	1472	80	158	230
14	246	561	1531	1626	332	2086	2462	1563	1603	336	261	307
15	400	860	1744	1346	586	1311	1987	1297	1644	781	178	97
16	490	880	1659	2355	2789	1345	968	2089	1538	233	427	119
17	466	644	1625	2289	1689	1529	970	1156	702	402	368	179
18	384	645	1295	2289	2365	1890	799	741	1636	611	448	166
19	476	584	1674	864	1820	983	1501	767	1534	764	465	130
20	316	630	1067	2433	2626	674	2405	1728	1331	958	263	94
21	652	167	400	2445	2905	1044	1692	2224	1560	560	536	84
22	542	675	1571	2460	2669	958	1196	2224	1509	905	471	180
23	614	616	1038	2468	2146	2521	1458	229	1071	443	310	108
24	694	1165	1881	2346	1834	2799	1334	1814	1272	514	502	58
25	772	717	1750	937	1143	2594	1469	1060	510	279	530	113
26	857	359	1537	1568	1827	1315	2048	1687	578	339	161	312
27	618	1006	1863	2481	1150	1805	1607	2216	1049	432	321	379
28	147	345	1218	1975	1986	1283	2577	2143	245	744	61	134
29	611	938	729	1986	1080	1770	1721	1601	606	381	56	225
30	645		1209	1271	1297	2273	2707	1897	233	638	52	97
31	354		(1541)		466		1158	1900		695		200
Sum	(13540)	18820	(35077)	59876	51609	(49570)	55704	55100	34896	18462	10772	4960

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	2043	2542	2812	2059	3057	(2648)	3127	2852	3288	3216	2561	2615
2	2100	2861	2807	2127	2804	2906	3386	2957	3177	3211	3039	2489
3	2105	2866	2875	2364	2735	2817	3366	3269	2975	3074	3163	2734
4	2719	2775	2850	2323	2755	3079	3215	3371	2969	3011	3206	2894
5	2651	2261	2355	2275	2829	3296	3077	3247	3052	2817	2745	2972
6	2234	2208	2668	2376	2875	3086	3248	3233	3334	2719	2607	2903
7	2010	2507	2678	2363	2419	3229	2951	3137	3168	3029	2495	2870
8	(2105)	2202	2563	2420	2557	3199	3016	3157	2805	2873	2537	2782
9	2799	2122	2302	2506	2752	3237	3313	3167	2827	2735	2469	2715
10	2499	2633	2339	2513	3084	3292	3100	3127	3153	3010	2415	2814
11	2595	2603	2965	2367	3002	3177	3228	3130	3140	3138	2786	2745
12	2279	2520	2752	2503	2658	3278	2903	2980	3084	3080	2817	2629
13	2298	2331	2561	2897	2845	3245	2961	3105	2982	2973	2853	2561
14	2528	2610	2171	2746	3028	3182	2812	3295	2972	2868	2881	2440
15	2360	2568	1906	2561	2886	3222	3035	3469	2939	2775	2924	2683
16	2310	2394	2160	2513	2631	3320	3235	3345	3026	3029	2748	2731
17	2321	2642	2392	2753	2766	3312	3254	3343	3178	3020	2877	2778
18	2225	2656	2529	2446	2689	3253	3374	3430	2526	2760	2410	2785
19	2291	2392	2496	2624	3035	3389	3250	3311	2607	2605	2570	2784
20	2465	2578	2817	2423	2713	3398	3223	3043	2716	2407	2412	2764
21	2131	2650	2729	2457	2488	3365	3184	3041	2702	2704	1958	2774
22	2202	2573	2240	2514	2644	3400	3176	3172	2762	2616	2303	2811
23	2020	2822	2339	2641	2927	3077	3011	3362	2993	2950	2520	2902
24	2003	2481	1909	2777	2975	2977	3176	3242	3166	3112	2374	2894
25	2023	2718	2105	2937	2935	3178	3321	3106	3349	3222	2198	2792
26	2134	2783	2424	2683	2999	3273	3372	2980	3149	3119	2609	2331
27	2331	2487	2375	2730	3023	3363	3286	3021	2723	2863	2510	2231
28	2668	2591	2546	2877	2912	3358	3169	2823	3117	2672	2751	2779
29	2556	2501	2686	3119	2983	3389	3226	3264	3201	3002	2713	2763
30	2522		2245	3133	2963	3109	3012	3261	3186	2882	2634	2819
31	2664		(2013)		3127		3046	3089		2627		2768
Sum	(72191)	73877	(76609)	77027	88096	(96054)	98053	98329	90266	90119	79085	84552

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-623	-472	-64	-711	-117	-(458)	-617	-638	-39	-6	-425	8
2	-527	-120	-136	-765	-365	-305	-231	-564	-111	-94	-21	4
3	-385	-68	-130	-604	-377	-432	-145	-289	-399	-374	-86	-12
4	-32	-51	2	-683	-464	-255	-353	-259	-475	-366	-9	-58
5	-29	-484	-468	-777	-181	-66	-579	-270	-499	-477	-247	-134
6	-240	-483	-182	-764	-115	-409	-471	-421	-123	-545	-282	-195
7	-467	-207	-226	-807	-747	-355	-380	-594	-97	-222	-499	-78
8	-(251)	-430	-300	-783	-671	-243	-363	-601	-490	-274	-415	-113
9	78	-643	-582	-807	-587	-195	-179	-583	-561	-426	-492	-137
10	-228	-302	-559	-710	-381	-150	-666	-540	-301	-289	-512	-34
11	-203	-198	-77	-711	-557	-304	-330	-513	-333	2	-3	-6
12	-442	-264	-409	-752	-393	-288	-460	-622	-399	9	-45	-97
13	-359	-481	-445	-367	-214	-470	-341	-491	-521	14	-56	-164
14	-110	-250	-707	-82	-8	-392	-563	-312	-568	-58	-75	-203
15	-291	-268	-848	-358	-98	-197	-443	-109	-611	-279	0	-19
16	-439	-490	-760	-731	-577	-159	-126	-275	-543	20	-275	-14
17	-494	-343	-643	-557	-452	-220	-69	-204	-227	14	-168	-8
18	-547	-263	-561	-712	-660	-295	-75	-76	-660	-173	-497	-16
19	-453	-432	-672	-427	-456	-86	-239	-144	-624	-346	-433	12
20	-301	-196	-331	-620	-641	-48	-346	-493	-544	-620	-437	9
21	-514	-114	-109	-604	-(741)	-155	-337	-576	-622	-411	-653	8
22	-454	-226	-438	-607	-580	-163	-303	-531	-621	-504	-465	-12
23	-620	-209	-314	-569	-376	-507	-446	-82	-432	-168	-218	9
24	-594	-421	-802	-536	-275	-539	-271	-284	-240	-126	-347	-27
25	-550	-318	-632	-198	-216	-435	-201	-320	-38	5	-447	-12
26	-442	-115	-543	-370	-216	-267	-239	-536	-159	-127	5	-320
27	-425	-291	-720	-452	-265	-288	-303	-505	-415	-361	-117	-402
28	-40	-165	-450	-403	-413	-207	-564	-674	-24	-453	11	-68
29	-226	-305	-324	-278	-245	-198	-448	-422	-30	-99	6	-120
30	-294		-518	-133	-230	-441	-632	-541	-15	-126	5	-31
31	-235		-(583)		-46		-462	-486		-375		-48
Sum	-(10737)	-8609	-(13531)	-16878	-(11664)	-(8527)	-11182	-12955	-10721	-7235	-7197	-2278

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-304	-77	7	778	303	(1011)	1676	1278	161	92	403	-169
2	-292	172	0	785	493	680	517	1161	200	279	78	-182
3	-228	0	66	676	602	680	581	699	846	400	199	-279
4	-79	-376	-22	723	896	719	1256	1011	1051	258	68	7
5	-208	-388	105	832	75	160	1542	1149	890	124	105	54
6	-214	-150	116	847	179	1265	1378	1148	326	445	19	-51
7	-181	-154	338	880	1337	1173	838	1246	193	227	152	-39
8	-(135)	-85	376	888	1274	756	879	1353	685	303	143	154
9	75	-159	585	888	925	948	755	1411	965	361	95	1
10	-174	-118	391	784	862	633	1554	1114	696	522	112	-94
11	-97	-246	163	912	934	833	1061	1109	855	79	34	-7
12	-175	-147	496	938	1092	894	1599	1302	790	-12	102	-29
13	-112	-70	391	730	640	1446	585	901	690	-36	41	-196
14	-161	-65	532	449	63	1187	1326	848	796	9	99	-92
15	-263	-93	566	416	99	747	1055	673	822	337	63	-21
16	-201	-77	625	1061	1516	833	491	1292	761	64	64	27
17	-188	17	738	1139	836	839	495	624	286	107	113	76
18	-247	-27	530	996	1183	1139	390	363	680	128	-46	72
19	-205	-132	741	140	1001	472	837	217	648	187	5	47
20	-115	-154	525	991	1338	332	1436	859	558	300	-231	21
21	-214	-188	-106	1035	1383	537	920	1264	693	85	-203	-10
22	-217	-232	580	1056	1437	362	610	1309	640	336	-16	8
23	-223	97	216	1116	1247	1438	672	-72	490	129	-49	49
24	-223	-88	675	1046	990	1534	580	1112	613	245	-178	-25
25	-208	-6	727	172	446	1486	761	470	172	77	-94	-97
26	-111	-62	686	606	940	617	1274	845	257	80	25	-268
27	-58	64	817	1173	465	1022	877	1299	413	33	-155	-210
28	-120	-319	475	879	1006	553	1492	1111	36	192	-75	-98
29	-94	42	234	1006	362	957	933	921	258	143	-74	-291
30	-60		348	545	549	1211	1545	1084	37	176	-109	-178
31	-115		(554)		52		462	1016		239		-60
Sum	-(5147)	-3021	(12475)	24487	24525	(26464)	30377	30117	16508	5909	690	-1880

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-3.7	4.4	0.8	-2.3	8.2	(12.1)	19.6	14.3	11.7	9.3	3.4	-5.6
2	-4.8	3.6	2.6	0.8	7.6	8.7	18.3	15.1	10.8	10.9	5.4	-8.7
3	-8.6	2.6	4.3	2.8	6.2	9.3	15.6	16.2	11.9	14.2	9.8	-2.2
4	-2.1	-0.2	0.4	3.6	8.7	11.2	16.4	17.9	13.2	13.0	9.1	2.9
5	-4.0	-2.4	-0.6	5.0	4.3	12.5	17.8	15.6	16.0	11.0	3.9	6.4
6	-9.2	-3.7	0.2	7.1	3.5	15.0	19.0	18.3	14.4	10.0	1.5	6.4
7	-8.8	-2.9	1.6	7.5	7.3	16.8	11.2	19.6	10.3	10.0	3.9	2.7
8	-(6.5)	-5.2	0.6	8.3	8.6	13.9	11.8	20.1	10.1	7.3	2.9	1.3
9	-3.0	-2.1	0.8	10.7	11.4	13.5	15.0	20.2	12.3	7.5	3.2	0.4
10	-2.5	2.4	1.4	8.7	14.2	14.0	20.6	18.5	13.9	10.6	2.4	0.4
11	-0.7	-0.8	4.9	5.5	16.3	14.6	16.1	18.1	14.4	7.4	-1.1	-2.1
12	-2.5	-1.6	7.7	9.3	4.8	16.8	11.7	17.0	14.5	5.8	0.6	-2.5
13	-4.4	-1.1	4.2	9.9	5.0	19.6	10.5	16.6	14.9	3.1	1.8	-2.5
14	-4.9	0.4	0.8	-0.2	5.0	16.6	11.6	17.3	15.8	2.2	2.8	-4.6
15	-4.2	-0.1	-2.2	1.6	3.8	13.4	14.0	17.2	15.8	4.9	2.0	-3.5
16	-1.9	0.9	1.8	8.8	7.9	14.7	12.3	17.2	16.6	4.3	4.6	-2.3
17	-0.4	3.5	4.3	10.7	8.6	16.0	11.5	16.4	13.2	4.2	5.1	-1.3
18	-1.2	2.0	5.9	7.2	11.4	16.0	14.4	15.9	8.0	2.4	2.0	-1.0
19	-2.4	-0.4	7.5	5.1	14.5	14.9	14.7	14.8	8.8	2.5	4.3	-1.7
20	-1.6	-1.5	7.4	4.7	11.7	14.6	16.1	15.3	9.6	4.2	0.7	-2.2
21	-4.5	-1.5	0.0	5.2	9.3	15.7	15.4	17.1	10.8	6.8	-5.2	-1.8
22	-4.5	-1.3	-4.5	6.5	8.3	16.6	14.7	19.0	12.7	6.5	-1.8	-0.2
23	-4.5	4.4	-4.9	8.3	10.3	16.6	13.8	14.7	13.9	6.7	-2.2	1.4
24	-5.8	1.2	-3.4	10.5	9.6	14.8	13.8	15.2	13.2	9.6	-2.5	2.1
25	-6.4	4.6	-2.6	7.1	7.4	17.1	15.5	13.7	13.1	9.2	-4.5	-0.5
26	-6.6	1.8	2.7	4.9	8.7	16.4	17.1	15.6	11.2	9.7	-6.0	-4.3
27	-2.0	-1.3	6.0	7.5	10.4	18.4	16.9	14.9	7.0	9.4	-5.0	-5.2
28	-3.2	-2.1	3.7	10.0	11.0	16.7	19.7	14.6	7.4	6.9	-2.3	0.3
29	-1.5	-1.2	4.1	12.6	9.2	16.8	18.9	19.3	9.4	6.4	-3.3	1.3
30	-0.6		-2.0	10.2	8.1	15.8	17.5	21.4	8.9	4.1	-5.3	0.6
31	1.6		-(3.3)		8.0		15.2	16.7		4.1		-0.2
Average	-(3.7)	0.1	(1.6)	6.6	8.7	(15.0)	15.4	16.9	12.1	7.2	1.0	-0.8

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-9.1	-0.2	-0.6	-10.6	1.8	(7.4)	9.3	5.6	9.7	8.2	-3.0	-10.3
2	-9.6	1.4	0.3	-8.6	-0.1	5.4	12.1	5.9	8.6	8.9	1.5	-13.4
3	-12.0	-0.6	2.4	-6.3	1.4	3.2	11.1	10.3	5.8	9.9	5.1	-12.2
4	-8.7	-1.3	-2.0	-3.7	2.5	2.8	11.6	13.3	4.7	8.5	4.7	1.8
5	-11.1	-6.0	-6.5	-2.2	0.1	10.6	10.0	13.2	9.2	5.0	-0.5	4.7
6	-13.6	-11.1	-1.6	-2.5	-0.2	7.0	11.4	13.5	10.7	3.7	-3.0	4.3
7	-13.5	-10.8	-1.6	-2.7	-0.8	11.5	3.2	12.2	4.7	7.6	-0.7	0.7
8	-(11.9)	-11.9	-3.1	-0.6	-1.8	8.5	2.4	12.5	2.8	1.4	-1.1	0.1
9	-4.8	-10.3	-3.6	-0.4	2.3	8.8	11.2	13.6	4.2	0.7	-1.2	-1.2
10	-6.1	-1.7	-5.3	-2.0	6.2	10.4	11.3	11.2	5.9	4.6	-1.7	-1.1
11	-4.1	-3.4	-1.4	-3.3	12.0	8.6	8.5	11.4	9.5	5.7	-4.2	-5.0
12	-6.7	-3.9	1.1	-2.2	-0.5	11.3	6.7	9.3	8.0	2.4	-1.4	-5.8
13	-8.1	-7.7	-1.5	0.5	-2.6	12.7	4.1	7.0	8.1	2.2	0.9	-5.6
14	-9.0	-1.9	-6.1	-5.1	0.7	12.3	2.4	10.4	9.0	1.2	1.0	-7.3
15	-9.0	-5.8	-10.6	-6.9	-0.6	11.4	5.3	11.8	7.9	0.0	0.8	-7.5
16	-6.5	-5.9	-6.3	-2.8	-1.2	12.0	6.9	11.4	9.0	3.3	1.5	-2.9
17	-5.3	0.4	-4.2	1.8	1.8	11.6	10.1	12.9	7.4	2.3	0.1	-2.7
18	-6.7	-3.4	-1.3	-0.8	0.3	12.2	11.7	13.6	1.6	-1.1	-2.0	-3.0
19	-8.6	-6.1	-1.0	-0.7	3.8	12.0	9.6	10.7	1.7	-2.4	-0.5	-3.3
20	-5.0	-6.8	1.1	-0.8	6.5	13.4	8.3	9.2	3.5	-2.3	-4.1	-2.9
21	-9.4	-6.8	-3.8	-1.2	4.0	12.5	10.2	8.7	2.4	1.2	-9.6	-2.5
22	-10.5	-9.9	-7.2	-1.1	-1.8	14.0	8.7	10.2	3.6	1.2	-8.2	-3.4
23	-9.3	-0.1	-7.1	0.4	0.6	10.6	6.6	9.6	7.7	0.8	-5.0	0.4
24	-11.2	-2.9	-7.2	-0.2	5.5	5.8	7.4	8.8	8.0	5.7	-6.8	0.4
25	-11.1	-0.9	-9.7	3.1	3.1	9.0	9.2	8.1	10.2	8.2	-9.7	-2.1
26	-11.8	-3.3	-4.1	-1.5	5.1	13.8	11.8	7.0	7.0	7.1	-7.9	-10.2
27	-8.1	-4.5	-1.5	-2.3	7.8	13.0	12.1	6.6	0.1	3.0	-10.7	-12.0
28	-7.0	-7.3	-1.6	0.3	6.1	11.2	10.1	4.5	0.1	1.6	-4.0	-1.3
29	-5.6	-9.5	-2.3	4.2	7.2	11.0	10.8	12.2	6.5	2.4	-4.2	-0.1
30	-3.6		-6.0	4.5	4.9	9.8	8.9	15.3	7.0	-1.0	-8.2	-1.0
31	-4.4		-(10.0)		4.3		7.4	10.1		-2.2		-2.0
Extreme	-(13.6)	-11.9	-(10.6)	-10.6	-2.6	(2.8)	2.4	4.5	0.1	-2.4	-10.7	-13.4

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	2.0	10.0	2.6	6.1	12.1	(16.7)	29.4	23.2	14.8	11.0	10.2	-1.9
2	3.1	7.3	7.1	9.5	14.6	13.9	22.6	22.5	13.5	14.4	6.8	-1.5
3	-4.1	6.2	6.7	13.4	11.7	15.8	22.0	20.9	18.7	22.7	14.1	2.7
4	1.3	1.4	3.2	12.2	15.7	17.8	21.5	23.9	22.5	19.8	13.2	4.8
5	-1.9	0.4	4.9	13.8	8.9	16.0	25.6	19.6	23.7	20.0	8.7	8.1
6	-2.6	1.0	3.9	15.8	7.1	22.4	26.5	25.7	18.7	16.8	8.9	7.8
7	0.0	4.1	6.0	18.3	14.4	23.6	17.6	27.3	13.2	14.1	12.6	5.1
8	(0.0)	3.2	5.2	18.6	20.8	21.8	21.8	28.5	20.9	14.4	10.1	4.7
9	0.0	5.0	8.2	21.1	19.9	19.7	22.5	26.9	21.3	16.1	11.8	1.9
10	2.4	6.8	8.2	15.2	20.4	19.0	26.1	26.3	21.4	17.0	11.3	3.0
11	3.4	2.4	11.5	14.6	22.3	24.7	26.2	29.0	21.0	10.3	0.1	-0.7
12	2.1	3.3	13.4	18.1	13.1	26.6	17.4	25.5	23.1	7.8	2.7	3.3
13	0.2	3.8	14.7	19.3	10.7	31.0	15.1	26.8	23.3	4.7	2.7	1.8
14	0.4	3.5	7.4	5.4	7.7	22.2	19.7	24.4	24.8	3.0	6.7	-1.6
15	1.2	5.9	6.4	9.1	6.8	15.9	20.6	23.3	25.3	11.6	3.0	-1.3
16	5.4	6.6	9.6	20.2	16.7	18.8	17.6	23.8	25.1	5.7	8.4	-1.3
17	5.8	8.6	14.3	21.3	17.6	21.8	18.0	20.5	21.4	7.2	9.3	0.1
18	3.5	7.3	15.1	17.1	21.5	25.1	19.1	18.8	16.5	6.9	9.5	0.7
19	2.8	4.5	17.7	10.4	21.8	18.7	21.8	17.7	18.2	8.5	10.6	-0.6
20	2.2	4.1	13.6	11.2	17.1	16.5	28.5	23.2	18.8	11.2	4.2	-1.3
21	2.8	0.4	3.8	11.9	14.8	21.5	24.6	25.8	21.2	11.7	1.3	-0.9
22	0.1	5.3	-0.4	14.0	15.5	21.9	20.2	27.4	21.4	16.9	6.2	2.2
23	1.6	8.5	-1.3	16.4	17.5	22.1	22.3	17.1	21.7	10.3	1.2	2.7
24	3.0	6.2	2.3	19.1	15.7	21.3	20.5	21.9	20.5	13.9	5.1	3.4
25	1.1	9.1	3.7	12.6	11.1	23.4	21.6	18.7	20.8	10.8	2.0	0.8
26	-0.6	5.3	10.5	12.0	14.5	23.9	23.7	22.8	15.9	11.9	-4.1	-0.4
27	5.9	4.3	14.4	17.1	15.8	27.0	23.1	21.7	17.9	14.5	-0.4	-0.1
28	-0.4	2.0	11.8	18.4	16.3	29.4	27.1	22.2	10.6	16.0	-0.6	2.5
29	4.4	2.8	11.5	19.9	14.4	25.0	26.3	26.2	14.4	10.4	-1.4	3.4
30	4.4		2.4	14.6	13.4	22.8	26.3	29.1	12.0	8.8	-2.2	3.5
31		7.8	(3.4)		11.0		21.3	23.3		9.4		1.2
Extreme	(7.8)	10.0	(17.7)	21.3	22.3	(31.0)	29.4	29.1	25.3	22.7	14.1	8.1

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	81	87	88	59	91	(60)	70	75	95	96	89	87
2	77	89	85	50	82	74	88	80	94	93	95	85
3	88	91	90	55	76	74	93	82	86	87	95	85
4	91	91	94	58	65	86	85	86	82	81	96	89
5	80	67	82	51	84	91	79	90	85	87	92	84
6	85	76	88	48	85	78	77	81	92	81	89	83
7	(81)	87	85	45	57	81	75	75	94	88	90	91
8	(84)	81	83	41	68	89	77	74	85	90	92	91
9	89	78	75	39	65	90	87	75	84	89	89	92
10	90	79	76	55	64	91	65	78	87	90	90	93
11	92	83	87	58	57	90	81	78	86	95	95	95
12	89	80	76	53	65	87	73	75	88	96	93	94
13	90	74	66	65	79	80	79	80	85	96	91	94
14	93	88	57	77	94	89	77	87	83	94	94	93
15	90	85	49	66	92	89	78	90	82	90	97	95
16	88	75	46	54	73	90	92	85	82	96	92	95
17	84	78	62	57	76	88	92	92	88	95	88	96
18	77	83	70	59	68	89	94	94	75	91	90	96
19	86	78	66	55	67	94	89	94	75	87	83	96
20	87	86	77	52	61	94	84	86	82	81	76	96
21	87	84	87	53	49	90	88	84	80	79	79	96
22	85	76	68	52	54	87	87	84	79	86	63	95
23	80	83	74	56	64	67	83	96	83	93	83	97
24	82	73	58	51	75	78	89	87	90	93	87	97
25	85	77	56	67	84	80	88	90	94	96	89	96
26	86	88	55	57	81	91	85	77	92	89	93	88
27	83	78	58	57	75	85	87	74	84	86	91	87
28	93	84	71	66	71	92	77	75	94	89	94	94
29	81	75	69	71	77	89	79	78	94	94	92	92
30	80		59	86	75	76	74	71	94	89	91	95
31	88		(57)		91		81	74		91		95
Average	(86)	81	(71)	57	73	(85)	82	82	86	90	89	92

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	934.2	915.9	913.2	924.7	913.9	(923.5)	922.2	924.6	918.2	912.9	927.6	926.3
2	933.9	914.1	906.4	918.8	914.5	919.2	921.4	924.2	924.7	915.5	926.0	925.2
3	928.2	913.8	908.7	918.9	919.9	913.9	923.0	920.4	929.7	916.4	929.1	918.7
4	922.2	905.4	914.8	929.4	923.2	910.5	926.4	918.9	931.9	916.6	932.6	914.7
5	929.0	918.7	914.6	935.7	919.6	910.2	924.8	926.0	927.8	918.7	938.7	919.3
6	933.3	926.9	908.5	937.1	919.8	917.6	920.4	930.1	926.1	920.1	938.1	920.3
7	(929.6)	929.0	916.2	938.2	923.9	918.0	924.0	931.7	929.3	920.0	937.0	917.1
8	(932.5)	932.3	923.6	934.8	925.8	919.4	925.5	930.3	934.4	926.3	933.1	918.8
9	(928.4)	928.1	919.8	928.0	923.1	921.1	926.5	928.3	931.8	928.5	933.4	918.7
10	925.7	910.3	918.9	928.2	919.4	919.5	925.4	927.3	927.6	925.8	934.6	913.2
11	931.5	907.3	917.7	930.2	911.3	919.1	926.5	928.2	928.0	924.0	934.0	913.3
12	931.5	916.6	919.3	926.4	918.4	919.2	930.2	928.5	930.2	919.4	930.6	911.4
13	928.8	921.6	919.3	917.6	920.7	920.0	930.2	926.5	935.0	910.8	930.2	916.4
14	927.5	920.4	925.2	921.3	919.4	918.6	926.5	924.2	938.0	910.2	930.1	923.7
15	930.6	931.3	932.1	926.6	921.8	921.0	923.2	923.5	934.9	919.0	928.5	926.2
16	934.4	929.7	931.3	923.9	927.7	921.2	922.3	924.2	929.4	918.8	924.8	927.8
17	931.8	925.9	933.1	921.8	927.4	917.9	924.0	922.7	928.8	918.7	932.6	929.6
18	928.2	926.5	934.3	922.9	929.1	917.5	925.2	919.2	933.2	924.4	935.3	932.5
19	932.7	923.4	931.1	923.3	926.0	919.5	925.2	918.5	931.3	929.9	928.0	932.0
20	945.0	925.4	927.7	928.0	924.3	920.2	925.2	923.4	928.3	930.3	930.2	931.8
21	942.4	924.5	925.1	929.2	927.2	920.2	928.3	927.3	928.4	926.0	937.1	931.4
22	931.8	929.4	929.8	929.7	929.4	922.4	928.2	925.9	925.9	927.7	932.3	925.4
23	934.9	918.1	933.8	927.6	928.8	926.2	924.9	924.6	920.7	924.3	930.9	922.8
24	928.3	919.3	935.2	918.0	928.2	928.9	922.7	924.2	919.1	923.7	933.1	915.3
25	925.8	910.3	933.7	912.4	930.2	931.1	922.6	923.2	911.9	922.0	929.6	917.0
26	924.8	903.5	931.7	918.0	933.4	928.7	924.4	920.4	904.6	918.2	927.8	924.0
27	920.9	908.5	927.9	919.5	934.2	925.3	926.7	921.4	915.0	921.2	926.2	917.7
28	911.0	913.8	921.6	917.0	929.4	924.8	924.7	920.8	920.6	923.6	924.3	903.8
29	910.3	916.8	918.4	913.2	927.3	920.8	926.4	919.0	919.8	923.4	924.1	905.3
30	917.1		923.3	916.2	922.8	921.6	928.2	919.1	916.1	925.4	928.7	911.3
31	913.0		(927.8)		919.3		925.7	921.3		927.4		913.8
Average	(928.4)	919.5	(923.4)	924.6	923.9	(920.6)	925.2	924.1	926.0	921.6	931.0	920.2

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0.5	-0.5	-0.3	2.4	10.4	(12.7)	19.8	18.9	16.4	12.4	6.8	1.7
2	0.2	-0.5	-0.3	3.0	10.2	12.5	19.4	18.9	16.3	12.9	7.4	1.5
3	0.1	-0.5	-0.3	3.6	9.9	12.4	18.7	18.8	16.5	13.4	8.6	1.3
4	0.0	-0.4	-0.2	4.6	10.4	12.6	19.5	19.5	16.8	13.6	9.3	1.7
5	0.1	-0.4	0.1	5.0	8.9	12.8	20.4	19.6	17.4	12.8	8.4	2.9
6	0.2	-0.4	-0.1	5.7	8.1	14.4	20.8	19.9	17.0	12.4	7.1	3.7
7	0.2	-0.4	0.8	6.3	9.7	15.7	19.1	20.4	15.2	12.3	6.3	3.6
8	(0.1)	-0.4	1.2	7.0	10.7	15.7	17.6	20.7	15.0	12.3	6.0	3.5
9	(0.2)	-0.5	1.5	7.5	11.4	15.6	18.1	21.0	15.4	11.5	5.4	3.3
10	0.2	-0.5	1.4	8.0	12.1	15.7	19.6	20.4	15.8	12.0	5.0	2.7
11	0.2	-0.5	2.3	7.5	13.1	15.8	19.3	20.3	16.8	12.1	4.7	2.7
12	0.3	-0.4	3.6	8.0	12.0	16.5	18.4	20.0	17.0	11.1	5.1	2.0
13	0.1	-0.4	3.8	8.8	10.3	18.0	17.1	19.3	16.9	9.0	5.3	1.2
14	0.1	-0.4	2.7	7.5	9.6	18.2	17.3	19.5	17.0	8.4	5.6	0.8
15	0.0	-0.4	1.6	6.2	8.4	17.2	17.6	19.8	17.0	8.5	5.8	0.6
16	-0.1	-0.4	1.5	7.8	10.5	16.5	17.0	19.9	17.1	8.8	5.7	1.0
17	-0.1	-0.4	2.7	9.7	11.3	16.9	16.4	19.4	16.6	8.9	6.3	1.4
18	-0.1	-0.4	3.9	9.6	12.0	17.2	16.5	18.8	15.0	8.6	5.2	1.8
19	-0.2	-0.4	4.8	7.8	12.9	16.7	17.4	18.6	14.1	7.8	4.6	1.8
20	-0.2	-0.4	5.7	7.4	13.7	16.3	18.7	18.6	14.2	7.4	4.5	1.8
21	-0.2	-0.4	3.9	7.6	13.2	16.5	18.9	19.2	14.1	7.7	2.2	1.7
22	-0.3	-0.4	2.7	8.1	12.9	16.8	18.3	20.0	14.2	7.8	1.4	1.6
23	-0.4	-0.4	2.0	9.1	13.4	17.4	17.7	18.6	14.4	8.0	1.7	2.3
24	-0.4	-0.4	1.2	9.9	13.7	17.6	17.4	18.4	14.8	9.1	1.4	2.6
25	-0.5	-0.4	1.2	9.2	12.6	18.3	17.8	18.3	14.6	9.7	0.8	2.2
26	-0.6	-0.4	2.7	8.4	12.9	17.9	19.3	17.6	14.5	9.8	0.8	1.4
27	-0.6	-0.3	4.0	9.2	12.7	18.4	19.4	18.4	13.7	9.8	0.6	0.3
28	-0.6	-0.3	4.3	9.9	13.4	18.0	20.2	17.8	12.2	8.6	0.8	0.4
29	-0.5	-0.3	4.0	10.9	12.8	18.8	20.5	18.5	12.9	8.7	1.2	0.7
30	-0.5		3.4	11.5	12.3	19.0	20.5	19.4	12.4	8.2	1.5	1.0
31	-0.5		(2.2)		11.5		19.2	19.0		8.0		1.2
Average	-(0.1)	-0.4	(2.2)	7.6	11.5	(16.3)	18.6	19.3	15.4	10.1	4.5	1.8

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	1.8	0.3	0.4	3.1	10.4	(12.2)	18.7	18.8	17.6	13.2	8.2	2.7
2	1.5	0.3	0.4	3.5	10.1	12.4	19.0	18.8	17.1	13.3	8.2	2.7
3	1.4	0.2	0.4	3.9	10.0	12.4	18.7	18.8	16.9	13.6	8.8	2.5
4	1.2	0.3	0.5	4.6	10.1	12.4	18.8	19.0	17.0	14.0	9.6	2.6
5	1.2	0.4	0.6	5.0	9.6	12.7	19.3	19.3	17.4	13.6	9.3	3.2
6	1.2	0.4	0.6	5.5	8.8	13.4	19.8	19.4	17.4	13.2	8.4	4.0
7	1.3	0.4	0.9	6.1	9.2	14.5	19.4	19.7	16.2	13.0	7.8	4.2
8	(1.1)	0.4	1.4	6.6	10.0	15.0	18.1	20.0	15.8	13.0	7.4	4.2
9	1.1	0.4	1.8	7.1	10.8	15.0	18.0	20.4	15.8	12.5	6.9	4.1
10	1.2	0.4	2.0	7.6	11.3	15.2	18.7	20.2	16.1	12.5	6.5	3.8
11	1.2	0.4	2.3	7.5	12.1	15.3	19.1	20.0	16.7	12.8	6.1	3.6
12	1.2	0.4	3.2	7.7	12.0	15.6	18.4	19.8	17.0	12.2	6.2	3.2
13	1.1	0.4	3.8	8.3	10.8	16.6	17.8	19.4	17.0	10.8	6.3	2.7
14	1.0	0.4	3.4	8.0	10.3	17.3	17.3	19.4	17.1	9.8	6.4	2.3
15	1.0	0.4	2.8	7.0	9.3	16.9	17.5	19.6	17.1	9.6	6.6	2.0
16	0.9	0.4	2.4	7.4	9.8	16.3	17.4	19.7	17.2	9.8	6.5	2.1
17	0.8	0.4	2.9	8.7	10.8	16.4	17.0	19.5	17.0	9.8	6.9	2.3
18	0.8	0.4	3.8	9.3	11.3	16.7	16.6	19.1	16.1	9.7	6.6	2.5
19	0.8	0.4	4.5	8.5	12.0	16.7	17.1	18.9	15.2	9.1	5.9	2.7
20	0.8	0.4	5.2	7.8	12.8	16.4	17.9	18.7	15.0	8.8	5.8	2.7
21	0.7	0.4	4.8	7.9	12.8	16.3	18.5	18.9	14.8	8.7	4.5	2.6
22	0.7	0.4	3.7	8.1	12.5	16.5	18.2	19.4	14.8	8.8	3.5	2.6
23	0.6	0.4	3.1	8.7	12.8	16.8	17.9	19.3	14.9	8.8	3.3	2.9
24	0.5	0.3	2.5	9.4	13.2	17.0	17.6	18.5	15.2	9.4	3.1	3.2
25	0.5	0.4	2.3	9.4	12.7	17.5	17.6	18.7	15.1	10.0	2.6	3.1
26	0.4	0.4	2.9	8.8	12.6	17.7	18.4	18.0	15.0	10.2	2.4	2.7
27	0.3	0.4	3.8	8.8	12.6	17.7	18.9	18.3	14.6	10.3	2.2	1.9
28	0.3	0.4	4.5	9.5	12.8	17.9	19.3	18.1	13.5	9.7	2.2	1.6
29	0.3	0.4	4.3	10.1	12.8	18.1	19.8	18.3	13.5	9.4	2.3	1.7
30	0.3		4.2	10.8	12.4	18.4	19.8	18.9	13.4	9.2	2.6	1.8
31	0.3		(3.3)		12.0		19.5	19.1		9.0		2.0
Average	(0.9)	0.4	(2.7)	7.5	11.3	(15.8)	18.4	19.2	15.9	10.9	5.8	2.8

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-2.4	2.7	0.8	-1.0	8.6	(13.1)	20.1	15.6	12.5	10.3	3.7	-4.4
2	-2.7	2.4	2.1	1.6	8.3	10.0	18.3	16.4	12.0	11.5	5.7	-9.6
3	-4.0	1.7	3.1	3.7	7.2	10.7	17.3	16.9	13.4	13.8	9.8	-2.5
4	-1.0	-0.2	0.2	4.6	9.7	13.0	17.8	18.5	14.6	12.2	9.2	2.4
5	-0.7	-2.2	-1.0	5.3	4.6	12.7	19.2	16.5	16.3	10.6	4.1	6.2
6	-1.6	-3.2	0.3	7.0	4.5	16.3	20.1	18.7	15.1	10.0	1.4	6.0
7	-6.1	-3.3	1.4	7.8	8.3	18.6	12.7	19.9	11.1	10.3	3.4	2.8
8	-(7.6)	-6.0	0.7	8.5	10.0	15.4	13.9	20.8	11.2	8.7	2.6	1.9
9	-2.1	-3.7	0.8	11.0	11.9	16.2	16.1	20.7	13.1	8.4	2.5	0.5
10	-3.0	0.9	1.2	9.3	14.3	16.0	20.1	19.2	14.8	11.3	1.8	0.3
11	-1.3	-0.8	4.8	6.4	16.7	16.4	17.0	18.8	15.4	7.7	-0.5	-1.6
12	-3.4	-0.9	7.1	10.0	6.3	17.8	13.8	18.0	15.4	6.2	1.2	-2.2
13	-4.6	-1.6	3.6	10.4	6.3	21.0	12.0	17.9	15.4	3.5	2.2	-2.8
14	-4.9	-0.3	0.9	0.8	5.6	18.9	13.9	18.7	16.1	2.7	3.3	-4.2
15	-5.1	-1.6	-2.3	2.7	4.3	15.9	15.8	18.0	16.0	5.6	2.6	-2.9
16	-3.6	-1.4	1.6	10.0	9.9	16.0	13.6	18.6	16.6	4.7	4.8	-1.7
17	-1.6	1.4	4.3	11.4	9.3	16.7	12.6	17.1	13.6	4.9	5.1	-0.7
18	-2.8	0.8	5.6	8.2	12.4	17.8	15.1	16.7	9.0	3.0	1.5	-0.4
19	-3.0	-1.2	7.3	5.1	15.4	16.3	15.7	15.7	9.6	3.3	3.8	-1.1
20	-2.0	-2.3	7.2	5.6	12.8	15.6	18.0	16.3	10.3	4.6	0.3	-1.6
21	-5.7	-2.0	0.0	5.8	10.8	16.4	16.9	17.9	11.5	6.4	-5.5	-1.2
22	-4.9	-3.0	-3.8	7.0	10.6	16.9	15.6	19.7	12.3	6.4	-1.9	0.0
23	-6.3	2.5	-4.5	9.2	12.1	17.4	15.0	15.0	13.3	7.0	-2.4	1.7
24	-7.3	-0.7	-2.9	11.5	11.4	17.1	15.0	16.7	13.8	9.8	-3.0	2.1
25	-7.5	3.3	-2.3	7.3	8.7	19.2	16.4	14.7	13.4	9.4	-4.5	-0.5
26	-6.9	0.9	2.9	5.5	10.2	17.7	18.5	15.3	12.0	9.7	-5.1	-4.3
27	-2.9	-2.0	5.4	8.6	10.9	19.2	17.9	16.0	8.4	8.7	-4.7	-4.9
28	-3.0	-2.5	3.4	10.6	12.3	17.6	20.2	15.2	8.6	6.4	-2.1	0.3
29	-2.7	-1.6	4.0	13.7	9.6	18.2	18.9	18.6	10.7	6.7	-1.8	1.0
30	-1.3		-1.6	11.2	9.7	16.9	18.6	20.7	9.7	4.8	-3.3	0.3
31	0.5		-(2.4)		9.2		15.4	17.0		4.0		-0.4
Average	-(3.6)	-0.8	(1.5)	7.3	9.7	(16.4)	16.5	17.6	12.8	7.5	1.1	-0.7

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	-3.8	-1.1	-1.4	-11.2	0.8	(6.0)	10.1	5.8	9.6	8.8	-3.9	-10.7
2	-5.3	0.2	-1.2	-9.8	-0.6	4.0	12.4	6.0	9.0	9.6	0.8	-13.6
3	-5.5	-1.7	1.3	-8.1	0.6	2.4	12.0	10.3	5.2	9.1	4.4	-12.8
4	-3.6	-3.0	-4.3	-5.7	0.7	2.0	11.9	13.2	5.3	7.0	4.9	0.6
5	-2.3	-5.2	-7.7	-5.0	-0.7	8.3	10.4	11.8	9.3	5.2	-1.0	4.0
6	-2.6	-6.9	-2.3	-4.6	0.2	5.9	11.6	13.1	12.0	4.6	-2.8	3.0
7	-13.1	-9.9	-2.7	-5.1	-1.6	8.8	3.8	11.7	4.8	7.6	-2.3	0.0
8	-(13.4)	-12.2	-4.5	-3.6	-2.0	7.5	3.8	11.7	3.2	2.7	-1.8	-1.2
9	-4.2	-9.9	-4.7	-3.4	1.3	7.6	12.0	13.0	4.9	1.9	-2.4	-2.6
10	-7.8	-1.8	-6.2	-3.5	4.9	7.4	11.1	11.0	5.9	5.2	-2.9	-2.6
11	-6.3	-3.3	-2.3	-5.2	9.9	7.3	9.0	11.2	9.6	4.8	-4.6	-5.7
12	-8.0	-2.5	0.0	-3.9	0.1	10.1	6.7	7.6	6.9	2.8	-0.8	-10.9
13	-9.4	-5.2	-4.0	0.4	-3.0	12.8	4.9	7.1	7.8	2.5	1.2	-6.6
14	-10.0	-1.4	-8.3	-6.6	0.6	11.1	2.4	10.2	8.9	0.1	1.3	-7.6
15	-9.7	-7.3	-11.4	-7.6	-0.4	10.5	6.1	11.6	8.1	-0.3	1.2	-7.2
16	-8.2	-7.9	-9.3	-4.2	-1.7	12.9	5.3	11.6	9.2	2.9	1.0	-2.5
17	-8.0	-2.0	-5.6	-0.2	1.0	11.4	10.5	13.2	6.7	2.7	-1.1	-2.3
18	-8.4	-4.6	-4.3	-3.2	0.0	11.6	12.0	14.1	1.1	-1.1	-3.7	-2.5
19	-10.0	-7.4	-2.8	-2.3	2.7	12.3	9.8	9.3	2.2	-2.8	-2.5	-2.8
20	-5.1	-8.8	-0.9	-3.2	5.6	14.1	8.8	9.3	3.5	-2.5	-7.3	-2.4
21	-10.6	-8.2	-3.8	-3.6	2.0	12.7	10.6	8.9	2.6	0.7	-10.2	-2.0
22	-11.1	-10.3	-7.4	-3.9	-2.4	12.8	8.9	10.2	3.8	0.5	-8.9	-4.3
23	-11.9	-2.9	-7.2	-2.4	-0.2	8.5	7.2	9.8	6.4	0.3	-6.5	0.7
24	-12.6	-5.5	-9.0	-2.0	5.9	6.5	7.5	9.2	7.3	4.8	-7.8	-1.4
25	-12.2	-2.6	-11.6	0.9	3.7	9.7	7.9	8.2	8.5	8.0	-10.4	-3.2
26	-12.6	-4.6	-5.7	-3.2	5.5	12.5	11.7	6.0	7.5	5.9	-8.5	-11.0
27	-9.6	-6.1	-3.4	-3.9	5.8	12.7	11.9	6.7	1.4	1.9	-10.4	-12.9
28	-8.4	-9.7	-3.6	-1.2	4.8	11.6	10.0	5.1	1.3	0.9	-6.3	-1.1
29	-9.2	-11.3	-4.0	2.2	3.6	11.3	9.1	11.2	7.3	1.5	-4.4	-0.1
30	-5.6		-8.8	3.2	4.4	10.3	8.9	12.4	7.3	-1.6	-7.6	-2.1
31	-6.4		-(11.1)		5.6		7.3	10.2		-2.8		-3.2
Extreme	-(13.4)	-12.2	-(11.6)	-11.2	-3.0	(2.0)	2.4	5.1	1.1	-2.8	-10.4	-13.6

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	1.2	1.9	1.6	1.6	1.5	(3.7)	2.3	1.6	1.6	0.7	0.7	0.8
2	0.9	1.8	2.6	1.8	1.3	1.6	1.6	1.3	0.9	2.0	0.6	1.0
3	0.8	1.9	2.2	1.5	2.3	1.3	1.0	1.4	1.1	2.9	0.6	2.3
4	1.5	4.4	0.8	2.2	1.9	1.8	1.6	1.9	1.2	3.2	1.0	3.7
5	4.5	7.0	1.9	2.1	1.4	2.5	1.4	2.8	1.5	2.2	0.9	4.7
6	1.1	1.4	2.7	2.1	3.0	1.8	1.4	1.6	1.1		0.9	3.3
7	0.9	1.1	1.2	1.6	2.6	1.9	2.2	1.7	1.5		1.0	1.9
8	(0.9)	1.1	1.1	1.5	1.7	1.4	1.6	1.6	1.2		0.8	1.3
9	0.6	2.8	1.4	2.2	1.4	1.7	1.0	2.3	1.5		1.2	1.3
10	0.8	4.6	1.3	1.8	2.1	1.1	3.3	1.9	1.0		0.7	1.2
11	1.0	3.5	1.6	2.1	4.3	1.3	2.1	1.4	1.0		0.6	0.7
12	1.1	3.1	3.1	2.6	2.1	1.8	3.3	2.1	1.1		0.8	0.8
13	0.9	2.8	2.0	2.6	1.8	2.2	1.4	1.2	1.3		0.8	0.6
14	0.7	1.3	2.6	2.2	1.5	2.6	1.2	1.0	1.5		0.8	0.5
15	1.1	1.2	1.4	1.2	1.8	2.2	1.1	1.2	1.1		1.1	0.9
16	1.1	2.7	3.6	2.3	2.0	1.6	1.0	1.4	1.8		1.6	0.5
17	2.5	1.3	1.3	2.0	1.6	2.1	1.6	1.4	2.0		0.6	0.6
18	1.4	1.4	1.4	1.8	1.5	1.2	1.4	0.7	1.7		1.0	0.6
19	2.2	2.2	1.8	2.6	1.8	1.0	1.2	0.7	1.5		2.5	0.7
20	1.2	1.0	1.4	3.7	4.2	0.6	1.3	1.1	1.4		1.9	0.8
21	0.8	2.2	4.3	3.2	4.0	1.8	1.3	1.5	1.1		0.9	0.7
22	1.8	1.7	4.9	2.7	1.8	3.0	1.4	1.3	1.7		1.2	1.4
23	1.3	3.2	5.4	1.8	1.9	3.5	1.2	1.0	1.5	(0.6)	0.8	0.8
24	1.1	4.3	4.6	2.5	1.9	1.4	1.2	1.2	1.3	0.7	1.2	0.8
25	0.9	2.9	1.9	2.4	1.0	1.3	1.2	0.9	2.0	0.8	0.7	0.7
26	0.7	1.2	1.3	1.8	3.2	1.5	1.3	2.6	1.7	3.1	0.6	1.0
27	0.8	1.7	1.7	1.8	2.5	2.0	1.0	1.9	1.6	1.9	0.6	2.2
28	1.1	2.0	1.6	2.2	2.6	1.4	2.4	2.3	1.0	1.3	0.6	3.6
29	1.3	4.5	1.6	2.2	2.8	1.5	1.7	2.5	0.7	0.9	0.4	2.7
30	1.1		2.6	1.1	2.0	1.8	1.4	2.5	1.4	0.9	0.4	1.3
31	1.9		(1.7)		2.3		1.3	2.3		1.9		0.8
Average	(1.3)	2.5	(2.2)	2.1	2.2	(1.8)	1.6	1.6	1.4	(1.6)	0.9	1.4

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	8.6	17.6	12.3	9.5	8.5	(17.1)	12.4	8.0	16.2	3.0	3.9	4.3
2	5.7	13.0	15.8	8.9	6.5	13.5	9.2	5.4	4.4	11.4	3.2	3.7
3	3.1	13.6	13.2	9.4	13.0	10.2	6.0	7.6	5.0	12.1	2.8	12.5
4	18.7	25.4	4.3	11.8	9.2	10.2	9.9	8.4	5.2	17.7	9.3	14.5
5	23.2	27.2	12.5	7.3	8.8	11.7	7.5	12.4	9.5	14.1	4.9	19.8
6	3.4	17.0	11.4	11.0	20.3	10.0	11.4	7.0	4.7		4.2	11.3
7	3.6	9.9	5.5	6.9	15.2	12.7	12.5	7.5	10.9		3.6	7.1
8	(3.6)	4.5	6.1	6.7	7.1	9.2	11.0	6.0	5.0		3.5	8.3
9	5.8	19.4	8.4	13.9	5.8	9.8	6.9	8.4	6.9		3.3	4.9
10	3.8	19.6	6.5	8.8	10.1	5.8	13.6	9.9	5.2		2.7	6.1
11	4.7	22.0	15.2	10.6	18.3	10.1	12.7	6.7	4.3		3.0	3.6
12	4.3	14.7	19.9	13.5	15.4	11.4	15.4	10.7	5.4		4.3	5.9
13	4.1	14.9	18.2	16.6	10.2	11.1	8.0	4.4	4.3		4.3	2.4
14	2.8	9.2	12.7	12.5	10.9	12.1	7.1	9.1	5.8		4.5	2.4
15	8.4	6.9	7.0	4.7	9.0	11.8	5.6	6.4	4.5		6.2	3.6
16	4.6	13.2	18.4	14.0	9.7	9.3	7.1	10.8	8.4		9.5	2.0
17	15.1	10.8	5.5	10.7	7.6	11.0	9.3	9.4	12.5		3.9	2.8
18	12.3	9.7	6.6	7.9	11.0	8.8	8.0	4.2	10.8		5.4	2.9
19	11.0	14.6	9.5	12.4	13.7	7.6	8.3	3.5	4.8		16.0	2.9
20	8.8	6.5	5.4	13.2	16.3	4.1	6.6	4.9	5.4		12.5	4.7
21	3.6	11.8	16.2	11.3	16.1	15.7	6.2	7.1	4.0		4.3	4.9
22	18.2	11.9	15.6	11.1	8.8	20.3	6.8	5.9	8.9		11.0	12.8
23	6.1	31.5	16.6	9.5	7.7	18.1	4.3	5.2	8.0	(2.2)	3.5	4.1
24	4.1	27.2	14.2	12.8	17.7	7.8	14.2	5.8	9.5	4.7	4.8	7.3
25	3.4	16.7	8.5	17.3	6.8	6.1	8.0	5.0	10.2	4.0	3.2	3.7
26	3.4	8.3	6.9	9.6	16.8	12.4	7.8	15.7	11.3	13.3	2.4	3.6
27	3.1	8.5	6.6	10.6	14.0	10.6	4.3	11.3	12.7	10.1	2.8	10.8
28	8.5	15.4	12.2	11.1	13.5	11.4	15.0	13.1	5.0	8.5	3.5	15.8
29	13.7	18.0	13.0	11.8	15.2	9.8	13.6	12.6	4.1	6.0	2.0	15.3
30	6.6		15.8	5.9	12.8	12.1	6.2	12.0	12.9	6.7	2.8	9.1
31	21.8		(8.6)		16.6		8.3	16.7		12.9		5.4
Extreme	(23.2)	31.5	(19.9)	17.3	20.3	(20.3)	15.4	16.7	16.2	(17.7)	16.0	19.8

Stará Lesná

Daily and monthly totals of precipitation [mm]

Year 2020

	I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	0	0	3	0	11	(0)	0	0	28	8	0	0
2	0	3	1	0	0	0	0	0	2	0	0	0
3	0	11	2	0	0	0	0	1	0	0	0	0
4	2	16	5	0	0	8	0	6	0	2	0	0
5	7	2	0	0	3	5	0	1	0	0	0	0
6	0	0	0	0	3	0	0	0	38	0	0	0
7	0	0	0	0	1	6	0	0	23	6	0	0
8	(0)	0	0	0	0	1	0	0	0	2	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0
10	0	5	0	0	0	8	0	0	0	0	0	0
11	0	5	1	0	0	0	0	0	0	3	0	0
12	0	0	0	0	0	9	0	0	0	31	0	0
13	0	0	0	7	2	5	0	0	0	54	0	0
14	0	1	0	2	0	0	0	4	0	6	0	0
15	0	0	0	0	0	0	11	11	0	1	0	2
16	0	0	0	0	0	2	10	22	0	13	0	0
17	0	0	0	0	0	2	19	1	2	5	0	1
18	0	1	0	0	0	0	8	20	0	1	0	0
19	0	0	0	0	0	0	5	5	0	0	0	0
20	0	0	0	0	0	49	2	0	0	0	0	0
21	0	5	3	0	0	7	0	0	0	0	0	0
22	0	0	1	0	1	2	0	0	0	0	0	1
23	0	12	0	0	3	0	0	22	0	0	0	3
24	0	9	0	0	2	0	11	3	22	10	0	4
25	0	0	0	2	1	0	1	2	7	0	0	0
26	0	2	0	0	0	1	2	0	16	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0
28	2	5	0	0	0	14	1	0	17	0	0	2
29	0	0	0	1	0	0	0	0	6	2	0	14
30	0	0	0	4	0	0	0	0	10	4	0	1
31	1	(0)		0		0	0	9		4		4
Sum	(12)	77	(16)	16	27	(119)	70	107	171	152	0	32

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