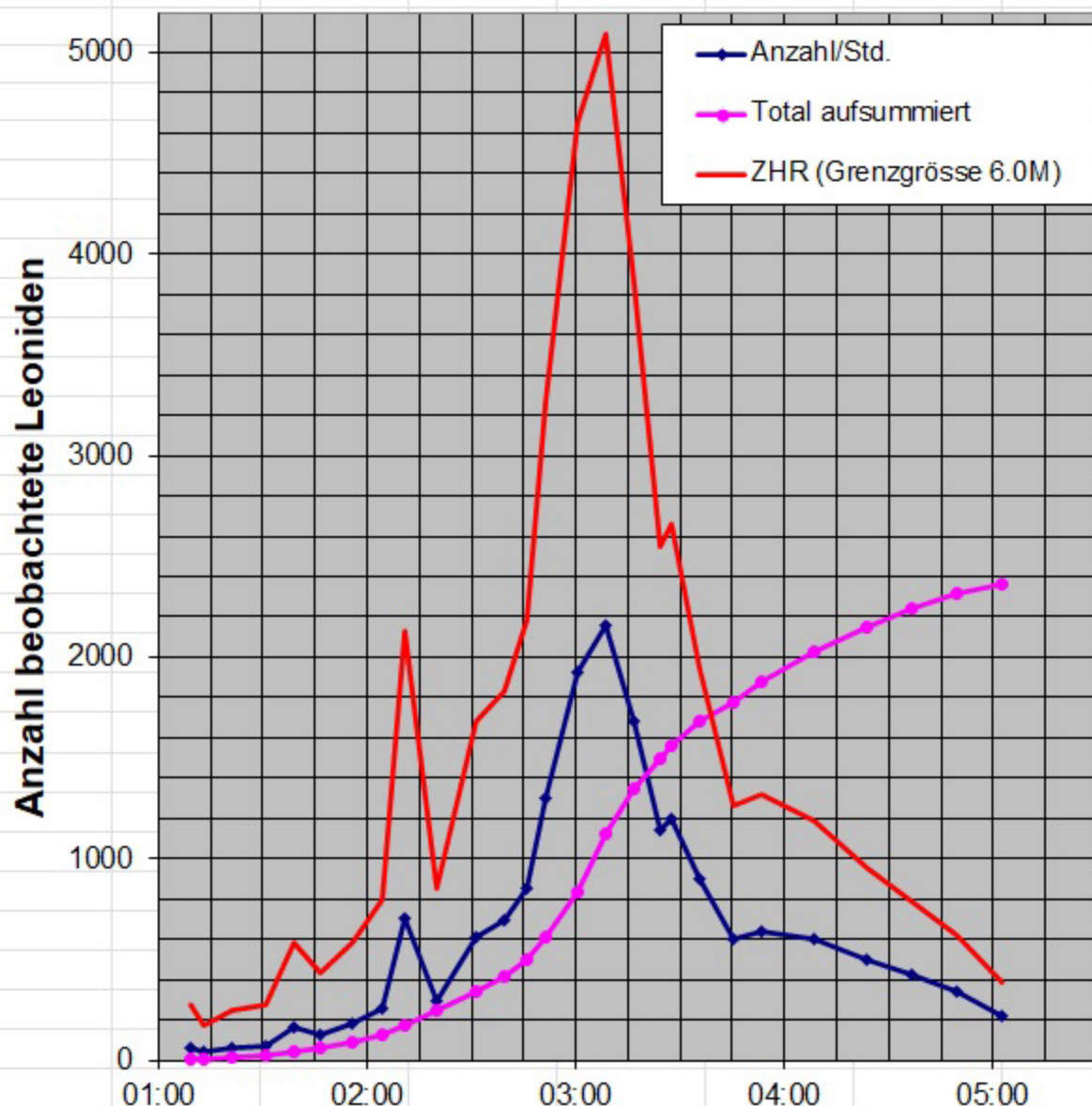


1999 Leoniden Sternschnuppen

Rohdaten der Zählung

Leonidenradiant (RA 10:08, DA +22G) obere Kulm. 06:46 MEZ auf 66 Grad Höhe

ZHR berechnet für Grenzgrösse 6.0M und Populationsindex 2.0



Zeitpunkt (MEZ) am 18. November 1999

Start MEZ	Ende MEZ	beob Min.	total Min.	#	Zeitpunkt MEZ	anzahl/Staufsun	calc. ZHR (G)	(Kulm) 06:46 H (G)	1/sin(H)	
01:08	01:10	2		2	01:09:00	60	2	272	19.5	3.00
01:10	01:16	6		4	01:13:00	40	6	176	20.1	2.91
01:16	01:26	10		10	01:21:00	60	16	248	21.5	2.73
01:26	01:36	10		12	01:31:00	72	28	277	23.2	2.54
01:36	01:42	6		16	01:39:00	160	44	583	24.6	2.40
01:42	01:51	9		19	01:46:30	127	63	433	26.3	2.26
01:51	02:00	9		27	01:55:30	180	90	583	27.9	2.14
02:00	02:09	9		38	02:04:30	253	128	795	28.9	2.07
02:09	02:13	4		47	02:11:00	705	175	2131	30.1	1.99
02:13	02:27	14		69	02:20:00	296	244	853	31.7	1.90
02:27	02:36	9		92	02:31:30	613	336	1680	33.6	1.81
02:36	02:43	7		81	02:39:30	694	417	1835	35.0	1.74
02:43	02:49	6		85	02:46:00	850	502	2181	36.2	1.69
02:49	02:54	5		108	02:51:30	1296	610	3264	37.0	1.66
03:00	03:01	1	7	32	03:00:30	1920	834	4654	38.7	1.60
03:08	03:09	1	8	36	03:08:30	2160	1122	5093	40.0	1.56
03:16	03:17	1	8	28	03:16:30	1680	1346	3858	41.3	1.52
03:24	03:25	1	8	19	03:24:30	1140	1498	2548	42.7	1.47
03:27	03:28	1	3	20	03:27:30	1200	1558	2657	43.2	1.46
03:35	03:36	1	8	15	03:35:30	900	1678	1946	44.5	1.43
03:45	03:46	1	10	10	03:45:30	600	1778	1260	46.2	1.39
03:52	03:55	3	9	32	03:53:30	640	1874	1316	47.5	1.36
04:07	04:10	3	15	30	04:08:30	600	2024	1187	50.0	1.31
04:22	04:25	3	15	25	04:23:30	500	2149	955	52.5	1.26
04:35	04:38	3	13	21	04:36:30	420	2240	784	54.3	1.23
04:48	04:51	3	13	17	04:49:30	340	2314	621	56.1	1.20
05:00	05:05	5	14	18	05:02:30	216	2364	386	58.0	1.18

Beobachtungsort: Monte Bre ob Locarno, 1000 m. ü. M.
Geogr. Koord. 46G10'Nord, 8G45'Ost

Wetter wolkenloser, klarer Himmel bei Föhnlage,
Nordhorizont ca. 30 Grad hoch

Grenzhelligkeit 5.4m (+-0.1m)

Beobachter Peter Kronenberg, Markus Burch, Markus Wittmer
Roland und Marilyn Stalder-Cazaubon