

LAGEOS Class Passes Per Year (2021-2025)

Station	Location	lageos1					lageos2					lares2			
		2021	2022	2023	2024	2025	2021	2022	2023	2024	2025	2022	2023	2024	2025
1824 (532)	Golosiiv	16	78	111	160	63	3	30	148	98	34	16	161	98	59
1868 (532)	Komsomolsk	32					24								
1873 (532)	Simeiz	115	159	51	96	66	97	76	68	65	11	10	15	18	14
1874 (532)	Mendeleevo	53	65	3	58	53	25	31	3	30	19		2	41	23
1879 (532)	Altay	82					61								
1884 (532)	Riga	8	35	40	159	132	7	6	72	113	65	7	70	136	101
1886 (532)	Arkhyz	107	64				102	39							
1887 (532)	Baikonur	96					105								
1888 (532)	Svetloe	103	200	134	169	160	44	67	86	63	40			2	52
1889 (532)	Zelenchukskya	111	293	219	138	118	84	135	140	93	48				42
1890 (532)	Badary	258	151	128	270	276	185	67	74	194	126				135
1891 (532)	Irkutsk	120	107	10	134	119	60	59	12	57	85		13	108	82
1893 (532)	Katzively	93	155	66	106	109	41	82	62	64	37	27	53	22	17
7090 (532)	Yarragadee	1126	1159	991	965	951	975	1055	837	885	877	436	680	726	682
7105 (532)	Greenbelt	372	413	206	248	260	314	284	178	188	162	120	197	189	194
7110 (532)	Monument Peak	195	239	290	259	101	120	166	243	181	80	73	178	168	62
7119 (532)	Haleakala	168	105	181	225	145	149	113	158	214	174	43	105	165	108
7124 (532)	Tahiti	46	15	65	63	55	51	14	57	53	47	7	23	39	46
7237 (532)	Changchun	517	540	378	489	347	397	358	324	411	266	228	374	329	315
7249 (532)	Beijing	169	169	80	133	141	113	85	107	120	97	30	110	60	124
7306 (1064)	Tsukuba			3	2	2			4	8	2		1	3	3
7306 (532)	Tsukuba		11	30	162	104		10	40	119	52	10	35	76	81
7329 (532)	Xian					155					91				77
7394 (532)	Sejong	31	18	2			30	15	2						
7396 (532)	Wuhan	209	319	126	164	186	221	195	112	131	136	63	127	125	120
7403 (532)	Arequipa	28	21	55	144	5	23	7	24	125			14	69	
7501 (532)	Hartebeesthoek	107	71	153	67	39	109	119	103	69	34	60	81	47	29
7503 (532)	Hartebeesthoek	69	138				71	122							
7701 (1064)	Izaña		118	107	150	63		104	90	105	48	39	55	103	38
7701 (532)	Izaña			3	5	7				3	16		1	4	14
7810 (532)	Zimmerwald	617	113	91	20	356	439	86	48	7	230		68	11	293
7811 (532)	Borowiec	99	119	43	147	42	63	51	48	86	25	4	52	39	30
7817 (1064)	Yebes				85	190				83	195			80	111
7817 (532)	Yebes				14	114				12	29			7	44
7819 (532)	Kunming	189	222	258	297	323	191	197	237	268	238	75	255	172	251
7821 (532)	Shanghai	234	252	220	231	196	243	190	208	199	181	79	184	213	234
7824 (532)	San Fernando	32	3			93	11	4	1		54				50
7825 (532)	Mt Stromlo	566	532	492	422	472	521	570	574	361	487	250	464	385	518
7827 (850)	Wettzell		143	328	63	346	1	85	267	42	256	88	268	35	257
7838 (532)	Simosato	175	114	106	153	182	161	89	131	118	139	30	101	93	121
7839 (532)	Graz	352	347	344	377	351	247	259	253	290	260	129	320	319	311
7840 (532)	Herstmonceux	477	529	427	398	388	338	393	326	252	322	153	375	336	377
7841 (532)	Potsdam	275	241	225	310	452	177	156	154	214	276	81	203	275	326
7845 (532)	Grasse	430	372	269	290	255	301	295	245	220	208	99	223	226	208
7941 (532)	Matera	585	594	607	558	521	482	463	533	455	403	236	662	693	541
8834 (1064)	Wettzell	425	497	345	378	422	292	406	380	298	408	157	370	266	392
8834 (532)	Wettzell		102	200	295	309		79	286	229	340	90	236	218	292

Legend
> 400 passes/year
300 to 399 passes/year
200 to 299 passes/year
150 to 199 passes/year
100 to 149 passes/year
50 to 99 passes/year
<50 passes/Year
ITRF2020 Core Station
Infrared Systems

Average Normal Points (NPS)/Pass (2021-2025)

Station	Location	lageos1					lageos2					lares2			
		2021	2022	2023	2024	2025	2021	2022	2023	2024	2025	2022	2023	2024	2025
1824 (532)	Golosiiv	4.5	8.5	7.5	6.6	6.3	4.0	7.5	7.6	6.8	6.2	6.9	7.8	7.0	6.5
1868 (532)	Komsomolsk	5.6					5.7								
1873 (532)	Simeiz	5.1	5.9	6.6	6.7	6.0	5.4	5.1	7.0	6.9	5.1	8.6	5.0	4.8	5.1
1874 (532)	Mendeleevo	14.3	13.8	13.0	12.8	14.5	16.4	13.7	11.0	14.9	11.1		10.0	10.6	12.4
1879 (532)	Altay	5.6					5.6								
1884 (532)	Riga	6.5	11.3	10.1	7.7	7.2	9.4	11.7	8.4	8.3	7.6	12.3	9.1	7.7	7.6
1886 (532)	Arkhyz	4.9	4.9				5.4	6.1							
1887 (532)	Baikonur	4.9					5.0								
1888 (532)	Svetloe	5.4	8.2	6.1	5.3	7.8	5.4	6.8	8.1	7.8	6.5			4.0	5.7
1889 (532)	Zelenchukskya	8.6	9.4	8.1	6.9	6.4	9.4	9.5	9.1	9.7	6.1				6.6
1890 (532)	Badary	4.7	4.5	4.3	4.6	4.0	4.5	4.2	4.8	4.9	4.1				4.0
1891 (532)	Irkutsk	5.2	5.0	2.5	4.7	4.2	5.2	4.1	3.8	3.7	4.2		3.0	4.1	3.8
1893 (532)	Katzively	6.2	7.5	7.3	7.0	7.0	5.7	6.9	7.7	6.0	6.8	6.1	7.2	5.8	5.8
7090 (532)	Yarragadee	8.4	9.2	8.3	9.5	9.8	10.0	10.3	9.1	10.8	10.9	8.2	7.9	8.7	8.6
7105 (532)	Greenbelt	10.1	10.8	9.8	8.5	10.2	12.6	11.7	9.7	12.0	10.2	11.3	10.3	9.7	9.7
7110 (532)	Monument Peak	8.4	8.2	8.5	8.9	11.4	7.0	7.5	9.3	7.7	9.0	8.0	9.2	8.7	9.6
7119 (532)	Haleakala	8.6	9.4	10.1	9.8	10.1	9.0	9.0	10.6	10.2	10.4	10.0	10.2	10.6	11.0
7124 (532)	Tahiti	9.0	7.1	8.1	6.6	7.4	7.1	8.1	7.1	5.8	6.1	12.0	6.5	6.0	5.0
7237 (532)	Changchun	8.3	8.1	7.1	4.0	4.5	8.7	7.9	7.3	4.2	4.5	3.9	3.9	3.7	4.0
7249 (532)	Beijing	5.1	5.5	5.2	4.4	3.9	5.7	5.9	4.7	4.4	3.7	3.9	4.0	3.8	2.9
7306 (1064)	Tsukuba			5.7	4.0	6.5			4.8	5.6	4.0		6.0	8.3	6.7
7306 (532)	Tsukuba		9.0	9.8	5.2	4.7		9.2	8.5	5.3	4.2	8.3	7.5	5.0	5.0
7329 (532)	Xian					6.7					6.1				5.8
7394 (532)	Sejong	10.5	11.3	6.5			11.4	11.3	17.0						
7396 (532)	Wuhan	6.6	8.0	8.3	7.8	8.4	6.2	7.7	7.9	8.5	8.5	7.6	7.3	7.2	7.0
7403 (532)	Arequipa	4.2	4.0	4.6	5.1	3.2	3.4	2.9	3.9	5.3			3.1	4.5	
7501 (532)	Hartebeesthoek	8.2	7.2	9.1	8.6	12.8	8.4	9.1	9.6	8.5	11.9	7.6	8.6	6.1	12.1
7503 (532)	Hartebeesthoek	4.6	6.0				5.5	5.7							
7701 (1064)	Izaña		7.7	7.2	5.8	5.1		8.0	7.8	6.6	5.7	6.7	7.5	5.4	5.7
7701 (532)	Izaña			4.3	7.4	5.9				6.7	6.4		5.0	9.3	5.3
7810 (532)	Zimmerwald	9.6	12.2	7.9	4.9	12.7	9.5	13.3	6.8	3.3	12.4		9.8	5.7	14.3
7811 (532)	Borowiec	10.6	11.1	10.8	10.9	11.5	9.3	9.6	9.5	10.1	11.4	7.5	8.9	9.0	9.4
7817 (1064)	Yebes				9.1	7.0				10.5	7.3			10.0	7.2
7817 (532)	Yebes				8.7	7.7				9.3	6.4			13.3	7.7
7819 (532)	Kunming	4.3	4.0	4.3	4.4	3.6	4.5	4.0	4.1	4.4	3.6	3.7	3.8	4.3	3.4
7821 (532)	Shanghai	9.4	9.7	10.5	9.9	10.4	9.6	10.4	11.1	10.4	10.8	9.3	9.8	10.2	10.1
7824 (532)	San Fernando	3.7	2.7			8.2	3.3	3.8			10.3				7.1
7825 (532)	Mt Stromlo	6.8	6.9	7.3	8.7	8.4	7.9	7.9	8.6	10.5	9.7	9.4	8.2	11.7	10.2
7827 (850)	Wettzell		4.6	3.5	3.5	5.4		4.7	3.6	4.0	5.7	4.5	4.0	3.5	6.1
7838 (532)	Simosato	8.6	6.6	8.0	7.3	6.5	9.3	7.1	8.1	8.6	7.2	6.2	9.3	6.7	7.6
7839 (532)	Graz	5.2	7.1	6.3	6.2	8.9	5.5	6.8	6.1	6.9	7.7	10.9	6.9	7.1	8.0
7840 (532)	Herstmonceux	11.5	10.9	9.8	11.0	10.7	12.0	11.7	10.6	11.5	11.1	10.4	11.5	11.1	11.8
7841 (532)	Potsdam	6.8	7.6	7.7	6.9	5.8	6.7	7.5	8.0	7.3	6.0	7.7	8.0	7.5	6.2
7845 (532)	Grasse	9.5	12.3	11.9	11.2	11.0	10.0	13.7	14.0	12.8	11.5	12.6	12.9	12.1	11.3
7941 (532)	Matera	7.6	6.0	6.9	7.5	8.2	9.0	7.4	8.7	8.3	9.0	10.5	11.3	12.6	12.1
8834 (1064)	Wettzell	5.5	5.4	5.5	5.4	5.6	6.1	5.8	5.8	6.0	5.9	5.1	5.9	5.3	5.8
8834 (532)	Wettzell		4.8	5.0	4.5	4.8		5.1	5.1	5.5	5.0	4.6	5.2	4.9	5.4

Legend
> 12 NPs/Pass
8 to 12 NPs/Pass
5 to 8 NPs/Pass
4 to 5 NPs/Pass
3 to 4 NPs/Pass
<3 NPs/Pass
ITRF2020 Core Station
Infrared Systems