

Nominal range for the ISS in km and Statute Miles (85 degree pass)

Time	Passtime	Elevation	Azimuth	km	Miles	Altitude	Difference
19:52:55	0:00:03	0.148	219.625	2140	1329.73	218.28	1111.45
19:53:00	0:00:08	0.467	219.644	2105	1307.99		1089.71
19:53:05	0:00:13	0.791	219.663	2070	1286.24		1067.96
19:53:10	0:00:18	1.121	219.683	2035	1264.49		1046.21
19:53:15	0:00:23	1.457	219.704	2000	1242.74		1024.46
19:53:20	0:00:28	1.800	219.725	1964	1220.37		1002.09
19:53:25	0:00:33	2.149	219.747	1929	1198.63		980.35
19:53:30	0:00:38	2.505	219.770	1894	1176.88		958.60
19:53:35	0:00:43	2.869	219.793	1859	1155.13		936.85
19:53:40	0:00:48	3.240	219.817	1824	1133.38		915.10
19:53:45	0:00:53	3.620	219.842	1789	1111.63		893.35
19:53:50	0:00:58	4.009	219.868	1754	1089.89		871.61
19:53:55	0:01:03	4.407	219.895	1719	1068.14		849.86
19:54:00	0:01:08	4.815	219.923	1684	1046.39		828.11
19:54:05	0:01:13	5.234	219.952	1649	1024.64		806.36
19:54:10	0:01:18	5.664	219.982	1614	1002.89		784.61
19:54:15	0:01:23	6.107	220.013	1579	981.15		762.87
19:54:20	0:01:28	6.562	220.045	1545	960.02		741.74
19:54:25	0:01:33	7.031	220.079	1510	938.27		719.99
19:54:30	0:01:38	7.514	220.115	1475	916.52		698.24
19:54:35	0:01:43	8.013	220.151	1440	894.77		676.49
19:54:40	0:01:48	8.529	220.190	1405	873.03		654.75
19:54:45	0:01:53	9.064	220.230	1371	851.90		633.62
19:54:50	0:01:58	9.618	220.272	1336	830.15		611.87
19:54:55	0:02:03	10.192	220.317	1301	808.40		590.12
19:55:00	0:02:08	10.790	220.364	1267	787.28		569.00
19:55:05	0:02:13	11.412	220.413	1233	766.15		547.87
19:55:10	0:02:18	12.061	220.465	1198	744.40		526.12
19:55:15	0:02:23	12.739	220.520	1164	723.28		505.00
19:55:20	0:02:28	13.449	220.578	1130	702.15		483.87
19:55:25	0:02:33	14.192	220.640	1096	681.02		462.74
19:55:30	0:02:38	14.974	220.706	1062	659.90		441.62
19:55:35	0:02:43	15.796	220.777	1028	638.77		420.49
19:55:40	0:02:48	16.664	220.852	994	617.64		399.36
19:55:45	0:02:53	17.581	220.933	961	597.14		378.86
19:55:50	0:02:58	18.553	221.020	927	576.01		357.73
19:55:55	0:03:03	19.586	221.115	894	555.51		337.23
19:56:00	0:03:08	20.686	221.217	861	535.00		316.72
19:56:05	0:03:13	21.860	221.329	828	514.50		296.22
19:56:10	0:03:18	23.117	221.451	796	494.61		276.33
19:56:15	0:03:23	24.468	221.586	764	474.73		256.45
19:56:20	0:03:28	25.922	221.735	732	454.84		236.56
19:56:25	0:03:33	27.493	221.901	701	435.58		217.30
19:56:30	0:03:38	29.195	222.087	670	416.32		198.04
19:56:35	0:03:43	31.044	222.297	640	397.68		179.40
19:56:40	0:03:48	33.060	222.536	610	379.04		160.76
19:56:45	0:03:53	35.263	222.812	581	361.02		142.74

Nominal range for the ISS in km and Statute Miles (85 degree pass)

Time	Passtime	Elevation	Azimuth	km	Miles	Altitude	Difference
19:56:50	0:03:58	37.678	223.133	553	343.62		125.34
19:56:55	0:04:03	40.329	223.511	525	326.22		107.94
19:57:00	0:04:08	43.246	223.965	499	310.06		91.78
19:57:05	0:04:13	46.458	224.520	474	294.53		76.25
19:57:10	0:04:18	49.992	225.214	451	280.24		61.96
19:57:15	0:04:23	53.874	226.108	429	266.57		48.29
19:57:20	0:04:28	58.121	227.302	410	254.76		36.48
19:57:25	0:04:33	62.733	228.979	393	244.20		25.92
19:57:30	0:04:38	67.689	231.505	378	234.88		16.60
19:57:35	0:04:43	72.918	235.721	367	228.04		9.76
19:57:40	0:04:48	78.250	244.029	358	222.45		4.17
19:57:45	0:04:53	83.123	265.579	354	219.97		1.69
19:57:50	0:04:58	84.852	323.495	353	219.34		1.06
19:57:55	0:05:03	81.203	4.853	355	220.59		2.31
19:58:00	0:05:08	75.999	18.695	361	224.32		6.04
19:58:05	0:05:13	70.668	24.776	371	230.53		12.25