

Figure 1 is a scatter plot showing the distribution of 30 interstellar objects (ISOs) relative to the Sun and Earth. The plot uses a coordinate system where the Sun is at the origin (0,0) and Earth is at (1,0). The x-axis represents the Sun-Earth Direction in AU, ranging from 0.0 to 1.0. The y-axis represents the N-S Direction in AU, ranging from -1.00 to 1.00. The plot includes concentric dashed circles representing distances from the Sun (1 AU, 2 AU, 3 AU) and a solid arc representing the Earth's orbit (1 AU). ISOs are color-coded: red for those within 1 AU of Earth, green for those between 1 AU and 2 AU, and yellow for those further away. Many objects are labeled with their names and discovery dates.

ISO Name	Discovery Date	Approx. Sun-Earth Direction [AU]	Approx. N-S Direction [AU]	Color
1619-096	1619-096	0.15	0.25	Red
1644-106	1644-106	0.10	0.20	Green
1623-228	1623-228	0.05	-0.05	Yellow
1548-12	1548-12	0.20	0.15	Green
1915-12	1915-12	0.25	0.15	Red
1928-142	1928-142	0.30	0.15	Yellow
1938-15	1938-15	0.35	0.10	Green
1908-20	1908-20	0.20	0.05	Green
1653-10	1653-10	0.35	0.05	Green
1436-16	1436-16	0.40	-0.05	Yellow
1656+053	1656+053	0.25	0.35	Green
1748+031	1748+031	0.20	0.30	Green
1650+004	1650+004	0.15	0.30	Yellow
1725-025	1725-025	0.15	0.30	Yellow
1759+13	1759+13	0.35	0.45	Yellow
1623+03	1623+03	0.35	0.30	Yellow
1535+139	1535+139	0.60	0.35	Yellow
1607+26	1607+26	0.65	0.40	Yellow
16318	16318	0.65	0.35	Yellow
16428-03	16428-03	0.50	0.15	Green
16298	16298	0.65	0.20	Yellow
16422	16422	0.65	0.15	Green
16355+01	16355+01	0.65	0.15	Green
1605:072	1605:072	0.70	0.10	Yellow
16345+12	16345+12	0.85	0.15	Green
16288	16288	0.90	0.15	Red
16328+32	16328+32	0.95	0.15	Yellow
1617-1145	1617-1145	0.95	0.10	Red
16162-10-20	16162-10-20	0.85	0.05	Green
16272-23-08	16272-23-08	0.90	0.05	Red
1617+128	1617+128	0.95	0.05	Red
16318-16	16318-16	0.95	0.05	Red
1627-14	1627-14	0.95	-0.05	Red
16334-17	16334-17	0.70	-0.10	Green
1635-209	1635-209	0.75	-0.10	Red
16245-19	16245-19	0.80	-0.10	Green
16113-17	16113-17	0.85	-0.10	Red
16230-244	16230-244	0.80	-0.15	Green
2014+358	2014+358	0.95	0.25	Green