

SN	RA	DEC	100-150	150-200	200-250	250-300	300-350	350-400	400-450	450-500	500-550	550-600	600-650	650-700	700-750	750-800	800-850	850-900	900-950	950-1000	1000-1050	1050-1100	1100-1150	1150-1200	1200-1250	1250-1300	1300-1400	1400-1500	1500-1600	1600-1700	1700-1750	1750-1800	1800-1900	1900-1950	1950-2000	
4-5.45 Deg	0	0	0	0	0	0.333333	0.5	0.5	0	0.407443	0.5	0.088889	0	0.877143	0.7	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.50 Deg	0	0	0	0	0	0	0.285714	0.4	0.407443	0.408889	0.5	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.55 Deg	0	0	0.017619	0.181818	0.285714	0.401515	0.402857	0.408889	0.5	0	0	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.60 Deg	0	0	0	0	0	0	0.285714	0.4	0.407443	0.408889	0.5	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.65 Deg	0	0	0.017619	0.181818	0.285714	0.401515	0.402857	0.408889	0.5	0	0	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.70 Deg	0	0	0	0	0	0	0.285714	0.4	0.407443	0.408889	0.5	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.75 Deg	0	0	0.017619	0.181818	0.285714	0.401515	0.402857	0.408889	0.5	0	0	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.80 Deg	0	0	0	0	0	0	0.285714	0.4	0.407443	0.408889	0.5	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.85 Deg	0	0	0.017619	0.181818	0.285714	0.401515	0.402857	0.408889	0.5	0	0	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.90 Deg	0	0	0	0	0	0	0.285714	0.4	0.407443	0.408889	0.5	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
4-5.95 Deg	0	0	0.017619	0.181818	0.285714	0.401515	0.402857	0.408889	0.5	0	0	0	0	0.714286	0.6	0.777778	0.875	0.366667	0.777778	0	0.762222	0.9	0.777778	0	0.75	0.75	0	0.833333	0.906667	0.5	0.088889	0	0	0	0	0
6-0.05 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.10 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.15 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.20 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.25 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.30 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.35 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.40 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.45 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.50 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.55 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.60 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.65 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.70 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.75 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.80 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.85 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.90 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-0.95 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.00 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.05 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.10 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.15 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.20 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.25 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.30 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.35 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
6-1.40 Deg	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				