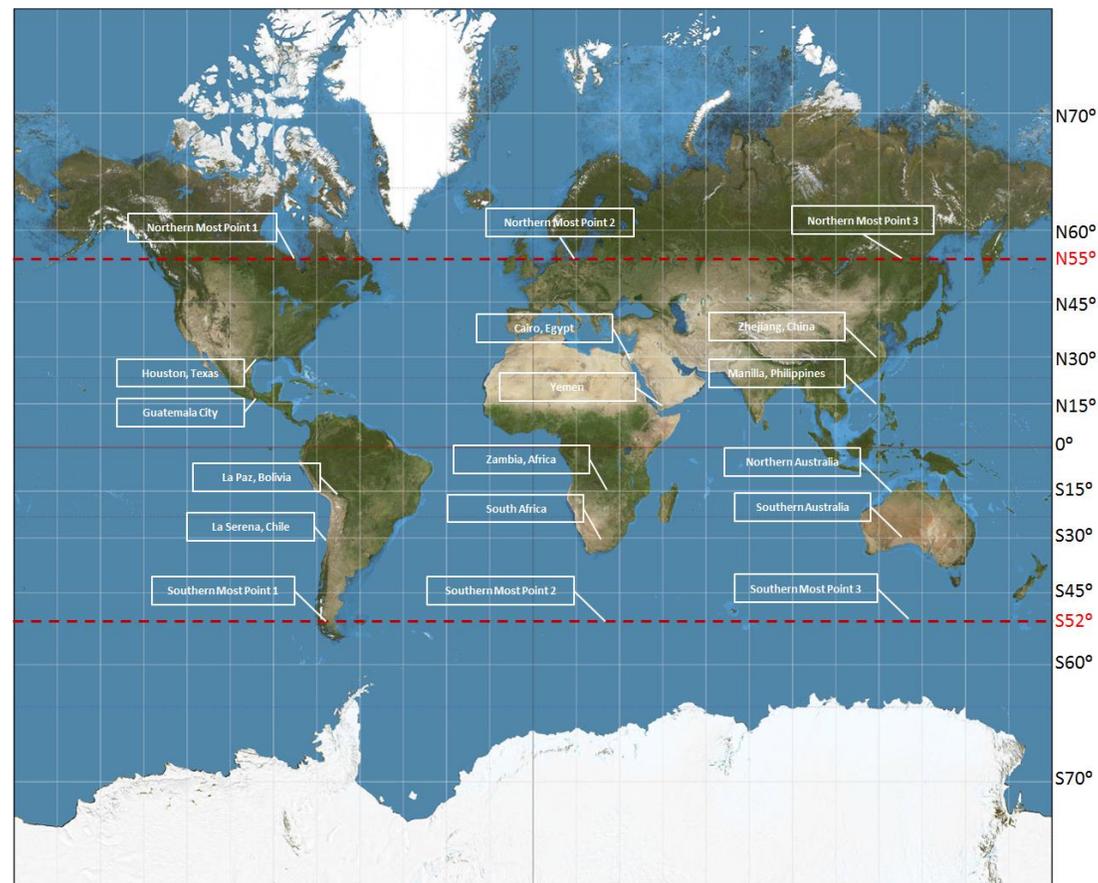


# MUSES-DESI World-Wide Assessment

N55 Latitude			
Off nadir angle	Northern Most Point 1	Northern Most Point 2	Northern Most Point 3
≤ 45	7.6	7.3	7.6
≤ 25	0	0	0
≤ 10	0	0	0
≤ 1	0	0	0
N30 Latitude			
Off nadir angle	Houston	Cairo	Zhejiang
≤ 45	5.3	5.8	5.7
≤ 25	10.1	10.7	10.7
≤ 10	19.2	18.25	21.5
≤ 1	182.5	0	0
N15 Latitude			
Off nadir angle	Guatemala City	Yemen	Manilla
≤ 45	6.3	6.8	6.6
≤ 25	12.2	13	11.8
≤ 10	36.5	52.1	40.6
≤ 1	0	0	0
S15 Latitude			
Off nadir angle	La Paz, Bolivia	Zambia, Africa	Northern Australia
≤ 45	6.5	6.3	6.6
≤ 25	13	11.8	13
≤ 10	28	33.2	30.4
≤ 1	0	0	0
S30 Latitude			
Off nadir angle	La Serena, Chile	South Africa	Southern Australia
≤ 45	5.3	5.6	5.7
≤ 25	9.4	10.7	10.7
≤ 10	21.5	22.8	26.1
≤ 1	0	182.5	0
S52 Latitude**			
Off nadir angle	Southern Most Point 1	Southern Most Point 2	Southern Most Point 3
≤ 5	6.9	6.4	6.8
≤ 1	0	0	0

\*\*Pointing limited to 5 deg off-nadir in the MUSES aft direction



-- -- Represents the latitude limits for MUSES line-of-sight capabilities

**Disclaimer:**  
 This graphic is only intended to generically provide an estimation for the average revisit frequency (days) over the course of one year at the various latitudes and off-nadir angles with the solar elevation angle being from 20 – 90 deg (0 – 70 deg solar azimuth). This does not take into account the cyclical nature of revisits where for example an AOI could have overpasses every day or every other day for one month then nothing for one month.

