

Siderial Hour Angle at 2026-08-03T00:00:00 UTC:

Jupiter : 230° 03.7' (R.A.: 8h 39m 45.2s)
Sun : 226° 50.8' (R.A.: 8h 52m 36.8s)

Events (UTC, LHA,Dec, Zn(Az),H) for Lat 50° 01.3' N Lon 8° 10.2' E:

Sat 4, Callisto	: Transit	start	: 2026 Aug 16 4:13:15	L -6h 29m	D +18.1	Z 72° 49.7'	H +9° 25.3'	(Hsun -1.2°)
Sat 1, Io	: Shadow	end	: 2026 Aug 17 4:31:34	L -6h 07m	D +18.1	Z 76° 47.8'	H +12° 40.2'	(Hsun +1.1°)
Sat 1, Io	: Shadow	start	: 2026 Aug 24 4:07:54	L -6h 10m	D +17.7	Z 76° 39.3'	H +12° 01.0'	(Hsun -4.4°)
Sat 1, Io	: Transit	start	: 2026 Aug 24 4:33:09	L -5h 44m	D +17.7	Z 81° 18.7'	H +15° 59.1'	(Hsun -0.0°)
Sat 1, Io	: Occultation	end	: 2026 Aug 25 3:59:16	L -6h 15m	D +17.6	Z 75° 40.1'	H +11° 06.6'	(Hsun -5.9°)