











Time (24-hour clock)	Object (Link)	Event
	Observer Site	User Site, France WGS84: Lon: -1d28m41.00s Lat: +43d29m28.00s Alt: 67m Geoid Alt: 18m All times in CET or CEST (during summer)
6h40m00s	 Iridium 142 (43256 2018-030-H) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h37m16s 4.3mag az:260.8° W h:39.3° Disappears 6h44m04s 7.2mag az:199.4° SSW horizon
6h41m28s	 USA 160-2/NOSS 3-1A (26907 2001-040-C) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h35m24s 6.2mag az:335.4° NNW h:14.4° at Meridian 6h38m50s 5.6mag az: 0.0° N h:33.6° Culmination 6h41m28s 5.8mag az: 42.9° NE h:43.7° distance: 1691.8km height above Earth: 1266.6km elevation of Sun: -20° angular velocity: 0.25°/s Disappears 6h52m33s 10.4mag az:119.7° ESE horizon
6h41m52s	 SJ 11-01 LM Rocket (36089 2009-061-B) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h35m13s 5.8mag az: 6.4° N horizon at Meridian 6h37m39s 4.8mag az: 0.0° N h:10.8° Culmination 6h41m52s 2.6mag az:289.2° WNW h:44.3° distance: 921.4km height above Earth: 674.5km elevation of Sun: -20° angular velocity: 0.48°/s Disappears 6h48m30s 5.6mag az:211.6° SSW horizon
6h44m50s	 QZS 4 Rocket (42970 2017-064-B) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h37m33s 7.2mag az: 16.0° NNE horizon Culmination 6h44m50s 4.3mag az:102.9° ESE h:69.5° distance: 812.3km height above Earth: 766.5km elevation of Sun: -20° angular velocity: 0.54°/s at Meridian 6h47m31s 5.5mag az:180.0° S h:28.4° Disappears 6h52m14s 7.3mag az:189.3° S horizon
6h46m11s	 OBJECT C (43851 2018-104-C) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h40m20s 7.1mag az:191.4° SSW horizon Culmination 6h46m11s 3.2mag az:276.4° W h:60.7° distance: 586.2km height above Earth: 517.2km elevation of Sun: -19° angular velocity: 0.72°/s at Meridian 6h50m58s 6.4mag az: 0.0° N h:4.9° Disappears 6h52m07s 6.9mag az: 1.8° N horizon
6h47m59s	 ISS <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h45m54s -2.1mag az:202.9° SSW h:17.8° at Meridian 6h47m05s -2.7mag az:180.0° S h:31.8° Culmination 6h47m59s -2.5mag az:140.3° SE h:39.6° distance: 617.0km height above Earth: 410.2km elevation of Sun: -19° angular velocity: 0.70°/s Disappears 6h53m14s 1.1mag az: 62.4° ENE horizon
6h47m59s	 CYGNUS NG-10 (43704 2018-092-A) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h45m54s 4.9mag az:203.0° SSW h:17.8° at Meridian 6h47m06s 4.3mag az:180.0° S h:31.8° Culmination 6h47m59s 4.5mag az:140.3° SE h:39.7° distance: 616.9km height above Earth: 410.3km elevation of Sun: -19° angular velocity: 0.70°/s Disappears 6h53m15s 8.1mag az: 62.4° ENE horizon
6h47m59s	 DRAGON CRS-16 (43827 2018-101-A) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h45m54s 4.9mag az:203.0° SSW h:17.8° at Meridian 6h47m06s 4.3mag az:180.0° S h:31.8° Culmination 6h47m59s 4.5mag az:140.3° SE h:39.7° distance: 616.9km height above Earth: 410.3km elevation of Sun: -19° angular velocity: 0.70°/s Disappears 6h53m15s 8.1mag az: 62.4° ENE horizon
6h47m59s	 PROGRESS MS-10 (43702 2018-091-A) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h45m54s 4.9mag az:203.0° SSW h:17.8° at Meridian 6h47m06s 4.3mag az:180.0° S h:31.8° Culmination 6h47m59s 4.5mag az:140.3° SE h:39.7° distance: 616.9km height above Earth: 410.3km elevation of Sun: -19° angular velocity: 0.70°/s Disappears 6h53m15s 8.1mag az: 62.4° ENE horizon
6h47m59s	 SOYUZ MS-11 (43756 2018-098-A) <a href="#">Ground track</a> <a href="#">Star chart</a>	Appears 6h45m54s 4.9mag az:203.0° SSW h:17.8° at Meridian 6h47m06s 4.3mag az:180.0° S h:31.8° Culmination 6h47m59s 4.5mag az:140.3° SE h:39.7° distance: 616.9km height above Earth: 410.3km elevation of Sun: -19° angular velocity: 0.70°/s Disappears 6h53m15s 8.1mag az: 62.4° ENE horizon