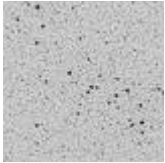
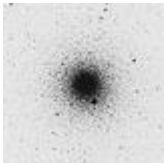



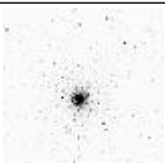
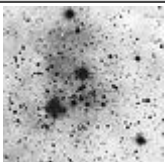
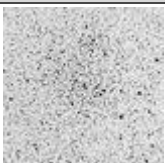

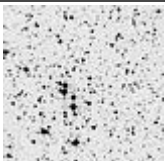

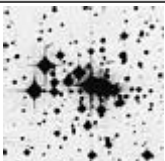
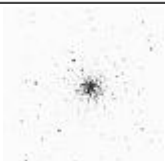
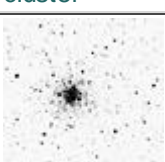

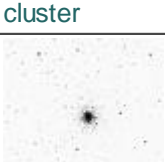

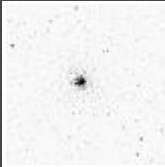
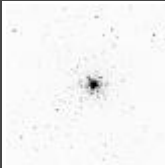
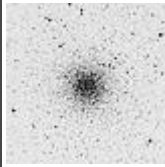
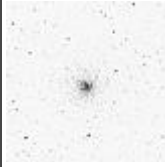
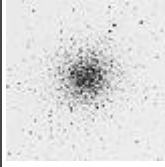
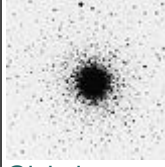

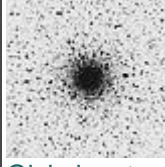
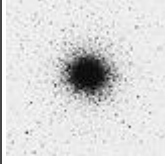
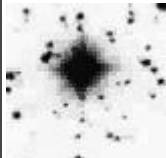
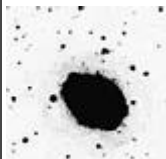
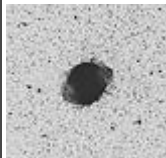

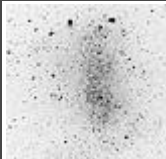
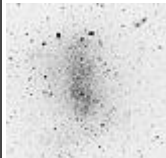





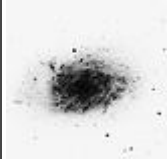


Time	Object (Link)		Event
	<b>Observer Site</b>		<p>Lostock NSW Australia, Australia</p> <p>WGS84: Lon: +151d25m30.3s Lat: -32d18m53.4s Alt: 204m</p> <p>All times in UTC+11</p>
19.7h	 NGC 6633: Open star cluster		<p>NGC 6633 Magnitude=4.6mag Diameter=27'</p> <p>RA=18h27.7m Dec= +6°34' (in constellation Ophiuchus/Oph) best seen between 19.7h -23.5h (<math>h_{\max}=46^\circ</math> at 19.7h).</p> <p>cluster, little compressed, stars large</p>
19.7h	 NGC 6752: Globular star cluster		<p>NGC 6752 Magnitude=5.4mag Diameter=20.4'</p> <p>RA=19h10.9m Dec=-59°59' (in constellation Pavo/Pav) best seen between 19.7h - 5.1h (<math>h_{\max}=62^\circ</math> at 19.7h).</p> <p>globular cluster, bright, very large, irregular round, well resolved, stars 11...16 mag</p>
19.7h	 NGC 6397: Globular star cluster		<p>NGC 6397 Magnitude=5.7mag Diameter=25.7'</p> <p>RA=17h40.7m Dec=-53°40' (in constellation Ara/Ara) best seen between 19.7h - 2.3h (<math>h_{\max}=58^\circ</math> at 19.7h).</p> <p>globular cluster, bright, very large, rich, stars 13 mag</p>
19.7h	 NGC 6523: Emission or reflection nebula		<p>Hourglass nebula, Lagoon nebula, M 8 (NGC 6523)</p> <p>Magnitude=5.8mag Diameter=90'</p> <p>RA=18h03.8m Dec=-24°23' (in constellation Sagittarius/Sgr) best seen between 19.7h - 0.5h (<math>h_{\max}=65^\circ</math> at 19.7h).</p> <p>magnificent or interesting very bright, extremely large, extremely irregular figure, with large cluster; = Messier 8</p>
19.9h	 NGC 5822: Open star cluster		<p>NGC 5822 Magnitude=7mag Diameter=40'</p> <p>RA=15h05.2m Dec=-54°21' (in constellation Lupus/Lup) best seen between 19.9h -22.2h (<math>h_{\max}=34^\circ</math> at 19.9h).</p> <p>cluster, very large, rich, little compressed, stars 9...12 mag</p>
19.9h	 NGC 6541: Globular star cluster		<p>NGC 6541 Magnitude=6.6mag Diameter=13.1'</p> <p>RA=18h08.0m Dec=-43°42' (in constellation Corona Australis/CrA) best seen between 19.9h - 0.6h (<math>h_{\max}=64^\circ</math> at 19.9h).</p> <p>globular cluster, bright, round, extremely compressed, gradually brighter (in the) middle, well resolved, stars 15...16 mag</p>
20.1h	 NGC 6910: Open star cluster		<p>NGC 6910 Magnitude=7.4mag Diameter=8'</p> <p>RA=20h23.1m Dec=+40°47' (in constellation Cygnus/Cyg) best seen between 20.1h -21.4h (<math>h_{\max}=17^\circ</math> at 20.1h).</p> <p>cluster, pretty bright, pretty small, sparse, pretty compressed, stars 10...12 mag</p>
20.1h	 NGC 6755: Open star cluster		<p>NGC 6755 Magnitude=7.5mag Diameter=15'</p> <p>RA=19h07.8m Dec= +4°14' (in constellation Aquila/Aql) best seen between 20.1h -23.5h (<math>h_{\max}=49^\circ</math> at 20.1h).</p> <p>cluster, very large, very rich, pretty compressed, stars 12...14 mag</p>

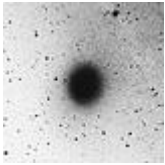
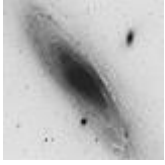



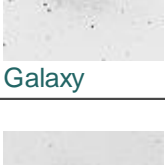
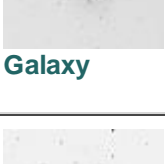
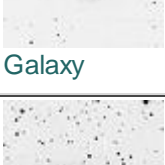

20.1h	 cluster	<b>NGC 6645: Open star</b> <b>NGC 6645 Magnitude=9mag</b> Diameter=10' RA=18h32.6m Dec=-16°54' ( <b>in constellation Sagittarius/Sgr</b> ) best seen between 20.1h -23.8h ( $h_{\max}=61^\circ$ at 20.1h). cluster, pretty large, very rich, pretty compressed, stars 11...15 mag
20.1h	 cluster	<b>NGC 6249 Magnitude=8.2mag</b> Diameter=6' RA=16h57.6m Dec=-44°47' ( <b>in constellation Scorpius/Sco</b> ) best seen between 20.1h -23.5h ( $h_{\max}=49^\circ$ at 20.1h). cluster, pretty rich, very little compressed, irregular figure, stars large & small
20.1h	 cluster	<b>NGC 6031 Magnitude=8.5mag</b> Diameter=2' RA=16h07.6m Dec=-54°04' ( <b>in constellation Norma/Nor</b> ) best seen between 20.1h -23.2h ( $h_{\max}=41^\circ$ at 20.1h). cluster, small, much compressed, stars 11...14 mag
20.1h	 cluster	<b>NGC 5606 Magnitude=7.7mag</b> Diameter=3' RA=14h27.8m Dec=-59°38' ( <b>in constellation Centaurus/Cen</b> ) best seen between 20.1h -22.1h ( $h_{\max}=28^\circ$ at 20.1h). cluster, small, pretty compressed, stars large & small
20.1h	 Globular star cluster	<b>NGC 6723 Magnitude=7.3mag</b> Diameter=11' RA=18h59.6m Dec=-36°38' ( <b>in constellation Sagittarius/Sgr</b> ) best seen between 20.1h - 1.1h ( $h_{\max}=73^\circ$ at 20.1h). globular cluster, very large, very little extended, very gradually brighter (in the) middle, well resolved, stars 14...16 mag
20.1h	 Globular star cluster	<b>NGC 6638 Magnitude=9.2mag</b> Diameter=5' RA=18h30.9m Dec=-25°30' ( <b>in constellation Sagittarius/Sgr</b> ) best seen between 20.1h - 0.1h ( $h_{\max}=65^\circ$ at 20.1h). globular cluster, bright, small, round, partially resolved
20.1h	 Globular star cluster	<b>NGC 6496 Magnitude=9.2mag</b> Diameter=6.9' RA=17h59.0m Dec=-44°16' ( <b>in constellation Scorpius/Sco</b> ) best seen between 20.1h - 0.5h ( $h_{\max}=60^\circ$ at 20.1h). nebula(e) + cluster, pretty large, much extended, gradually very little brighter in the middle
20.1h	 Globular star cluster	<b>NGC 6356 Magnitude=8.4mag</b> Diameter=7.2' RA=17h23.6m Dec=-17°49' ( <b>in constellation Ophiuchus/Oph</b> ) best seen between 20.1h -22.7h ( $h_{\max}=47^\circ$ at 20.1h). globular cluster, very bright, considerably large, very gradually very much brighter in the middle, well resolved, stars 20 mag
20.1h	 Globular star cluster	<b>NGC 6352 Magnitude=8.2mag</b> Diameter=7.1' RA=17h25.5m Dec=-48°25' ( <b>in constellation Ara/Ara</b> ) best seen between 20.1h - 0.1h ( $h_{\max}=53^\circ$ at 20.1h). cluster ( not nebula(e) ), pretty faint, large



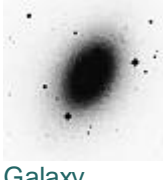
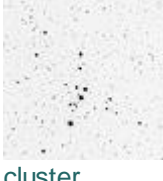


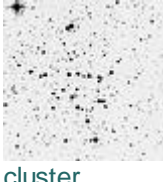
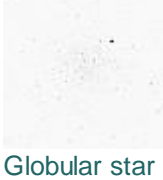
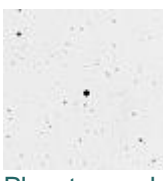
20.1h	 Globular star cluster	<b>NGC 6304</b> <b>Magnitude=8.4mag</b> Diameter=6.8' RA=17h14.5m Dec=-29°28' ( <b>in constellation Ophiuchus/Oph</b> ) best seen between 20.1h -23.0h ( $h_{\max}=50^\circ$ at 20.1h). globular cluster, bright, considerably large, round, little brighter in the middle, well resolved, stars 16 mag
20.1h	 Globular star cluster	<b>NGC 6139</b> <b>Magnitude=9.2mag</b> Diameter=5.5' RA=16h27.7m Dec=-38°51' ( <b>in constellation Scorpius/Sco</b> ) best seen between 20.1h -22.7h ( $h_{\max}=43^\circ$ at 20.1h). bright, pretty large, round, pretty suddenly brighter (in the) middle, partially resolved
20.1h	 Globular star cluster	<b>NGC 6101</b> <b>Magnitude=9.3mag</b> Diameter=10.7' RA=16h25.8m Dec=-72°12' ( <b>in constellation Apus/Aps</b> ) best seen between 20.1h - 3.2h ( $h_{\max}=40^\circ$ at 20.1h). globular cluster, pretty faint, large, irregular round, very gradually brighter (in the) middle, partially resolved, stars 14 mag
20.1h	 Globular star cluster	<b>NGC 5927</b> <b>Magnitude=8.3mag</b> Diameter=12' RA=15h28.0m Dec=-50°40' ( <b>in constellation Lupus/Lup</b> ) best seen between 20.1h -22.3h ( $h_{\max}=35^\circ$ at 20.1h). globular cluster, considerably bright, large, round, very gradually brighter (in the) middle, well resolved, stars 15 mag
20.1h	 Globular star cluster	<b>NGC 5897</b> <b>Magnitude=8.6mag</b> Diameter=12.6' RA=15h17.4m Dec=-21°01' ( <b>in constellation Libra/Lib</b> ) best seen between 20.1h -20.7h ( $h_{\max}=22^\circ$ at 20.1h). globular cluster, pretty faint, large, very irregular round, very gradually brighter (in the) middle, well resolved
20.1h	 Globular star cluster	<b>NGC 5824</b> <b>Magnitude=9mag</b> Diameter=6.2' RA=15h04.0m Dec=-33°04' ( <b>in constellation Lupus/Lup</b> ) best seen between 20.1h -21.0h ( $h_{\max}=25^\circ$ at 20.1h). pretty bright, small, stellar, (to a) nucleus
20.1h	 Globular star cluster	<b>M 9 (NGC 6333)</b> <b>Magnitude=7.9mag</b> Diameter=9.3' RA=17h19.2m Dec=-18°31' ( <b>in constellation Ophiuchus/Oph</b> ) best seen between 20.1h -22.6h ( $h_{\max}=47^\circ$ at 20.1h). globular cluster, bright, large, round, extremely compressed (in the) middle, well resolved, stars 14 mag; = Messier 9
20.1h	 Globular star cluster	<b>M 56 (NGC 6779)</b> <b>Magnitude=8.3mag</b> Diameter=7.1' RA=19h16.6m Dec=+30°11' ( <b>in constellation Lyra/Lyr</b> ) best seen between 20.1h -21.9h ( $h_{\max}=26^\circ$ at 20.1h). globular cluster, bright, large, irregular round, gradually very much compressed (in the) middle, well resolved, stars 11...14 mag; = Messier 5
20.1h	 Globular star cluster	<b>M 14 (NGC 6402)</b> <b>Magnitude=7.6mag</b> Diameter=11.7' RA=17h37.6m Dec= -3°15' ( <b>in constellation Ophiuchus/Oph</b> ) best seen between 20.1h -22.3h ( $h_{\max}=42^\circ$ at 20.1h). remarkable globular cluster, bright, very large,

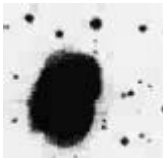
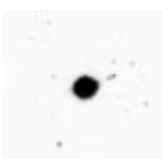

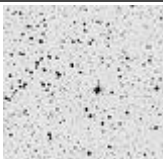
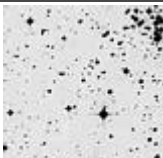
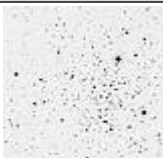
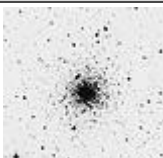
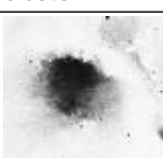
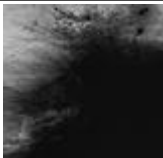
	Globular star cluster	round, extremely rich, very gradually much brighter in the middle, well resolved, stars 15 mag; =
20.1h	 NGC 6572: Planetary nebula	<b>NGC 6572 Magnitude=9mag</b> Diameter=0.1' RA=18h12.1m Dec= +6°51' (in constellation <b>Ophiuchus/Oph</b> ) best seen between 20.1h -22.4h ( $h_{\max}=40^\circ$ at 20.1h). planetary nebula, very bright, very small, round, little hazy
20.1h	 NGC 6720: Planetary nebula	<b>M 57, Ring nebula in Lyra (NGC 6720)</b> <b>Magnitude=9mag</b> Diameter=2.5' RA=18h53.6m Dec=+33°02' (in constellation <b>Lyra/Lyr</b> ) best seen between 20.1h -21.3h ( $h_{\max}=21^\circ$ at 20.1h). magnificent or interesting, ring, bright, pretty large, considerably extended ( in Lyra ); = Messier 57
20.1h	 NGC 6853: Planetary nebula	<b>Dumbbell nebula, M 27 (NGC 6853)</b> <b>Magnitude=8.1mag</b> Diameter=15.2' RA=19h59.6m Dec=+22°43' (in constellation <b>Vulpecula/Vul</b> ) best seen between 20.1h -23.3h ( $h_{\max}=35^\circ$ at 20.1h). magnificent or interesting, very bright, very large, binuclear, irregular extended ( Dumbbell ); = Messier 27
20.1h	 NGC 6744: Galaxy	<b>NGC 6744 Magnitude=9mag</b> Diameter=15.5' RA=19h09.8m Dec=-63°51' (in constellation <b>Pavo/Pav</b> ) best seen between 20.1h - 3.3h ( $h_{\max}=57^\circ$ at 20.1h). considerably bright, considerably large, round, very gradually, suddenly very much brighter in the middle, resolvable
20.1h	 IC 4895: Galaxy	<b>IC 4895 Magnitude=8mag</b> Diameter=10' RA=19h45.0m Dec=-14°48' (in constellation <b>Sagittarius/Sgr</b> ) best seen between 20.1h - 0.9h ( $h_{\max}=71^\circ$ at 20.1h). group of nebula(e), 25' diameter; = 6822
20.1h	 NGC 6822: Galaxy	<b>Barnard`s galaxy (NGC 6822)</b> <b>Magnitude=9mag</b> Diameter=10.2' RA=19h44.9m Dec=-14°48' (in constellation <b>Sagittarius/Sgr</b> ) best seen between 20.1h - 0.9h ( $h_{\max}=71^\circ$ at 20.1h). very faint, very small, extended, diffuse; = IC 4895
20.8h	 NGC 7009: Planetary nebula	<b>Saturn nebula (NGC 7009)</b> <b>Magnitude=8mag</b> Diameter=1.7' RA=21h04.2m Dec=-11°22' (in constellation <b>Aquarius/Aqr</b> ) best seen between 20.1h - 2.1h ( $h_{\max}=69^\circ$ at 20.8h). magnificent or interesting, planetary nebula, very bright, small, elliptical
21.3h	 NGC 7089: Globular star cluster	<b>M 2 (NGC 7089)</b> <b>Magnitude=6.5mag</b> Diameter=12.9' RA=21h33.5m Dec= -0°49' (in constellation <b>Aquarius/Aqr</b> ) best seen between 19.9h - 2.9h ( $h_{\max}=59^\circ$ at 21.3h). very remarkable, globular cluster, bright, very large, gradually pretty much brighter (in the) middle, well resolved, stars extremely small; = Messier 2
22.4h	 NGC 7331: Galaxy	<b>NGC 7331 Magnitude=9.5mag</b> Diameter=10.7' RA=22h37.1m Dec=+34°25' (in constellation <b>Pegasus/Peg</b> ) best seen between 20.1h - 0.8h ( $h_{\max}=23^\circ$ at 22.4h).

	 Galaxy	bright, pretty large, pretty much extended 163 degrees, suddenly much brighter in the middle
23.2h	 NGC 7662: Planetary nebula	<b>Blue Snowball (NGC 7662) Magnitude=9mag</b> Diameter=2.2' RA=23h25.9m Dec=+42°33' ( <b>in constellation Andromeda/And</b> ) best seen between 20.1h -23.5h ( $h_{\max}=15^\circ$ at 23.2h). magnificent or interesting planetary nebula or ring, very bright, pretty small, round, blue, variable nucleus
23.7h	 NGC 7793: Galaxy	<b>NGC 7793 Magnitude=9.1mag</b> Diameter=9.1' RA=23h57.8m Dec=-32°35' ( <b>in constellation Sculptor/Scl</b> ) best seen between 20.1h - 5.2h ( $h_{\max}=90^\circ$ at 23.7h). like a comet

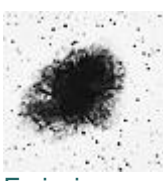
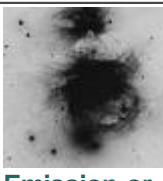

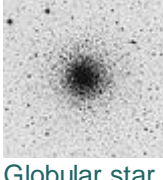

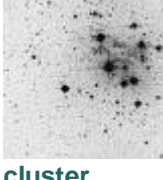
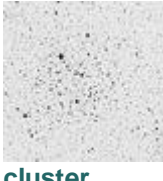
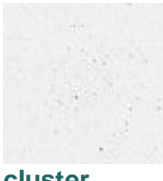
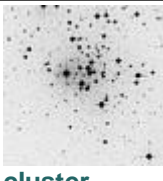


Time	Object (Link)	Event
0.5h	 NGC 221: Galaxy	<b>M 32 (NGC 221) Magnitude=8.2mag Diameter=7.6'</b> RA= 0h42.7m Dec=+40°52' (in constellation <b>Andromeda/And</b> ) best seen between 20.1h - 1.6h (h <sub>max</sub> =17° at 0.5h). remarkable very very bright, large, round, pretty suddenly much brighter in the middle (to a) nucleus; = Messier 32
0.5h	 NGC 224: Galaxy	<b>Great Nebula in Andromeda, M 31 (NGC 224) Magnitude=3.5mag Diameter=178'</b> RA= 0h42.7m Dec=+41°16' (in constellation <b>Andromeda/And</b> ) best seen between 19.4h - 4.2h (h <sub>max</sub> =16° at 0.5h). magnificent or interesting most extremely bright, extremely large, very much extended ( Andromeda ); = Messier 31
0.5h	 NGC 246: Planetary nebula	<b>NGC 246 Magnitude=8mag Diameter=3.8'</b> RA= 0h47.0m Dec=-11°53' (in constellation <b>Cetus/Cet</b> ) best seen between 20.1h - 5.2h (h <sub>max</sub> =70° at 0.5h). very faint, large, 4 stars in diffuse nebula(e)
0.5h	 NGC 247: Galaxy	<b>NGC 247 Magnitude=8.9mag Diameter=20'</b> RA= 0h47.1m Dec=-20°46' (in constellation <b>Cetus/Cet</b> ) best seen between 20.1h - 5.2h (h <sub>max</sub> =78° at 0.5h). faint, extremely large, very much extended 172 degrees
0.6h	 NGC 288: Globular star cluster	<b>NGC 288 Magnitude=8.1mag Diameter=13.8'</b> RA= 0h52.8m Dec=-26°35' (in constellation <b>Sculptor/Scl</b> ) best seen between 20.1h - 5.2h (h <sub>max</sub> =84° at 0.6h). globular cluster, bright, large, little extended, stars 12...16 mag
0.8h	 IC 1613: Galaxy	<b>IC 1613 Magnitude=9.3mag Diameter=12'</b> RA= 1h04.8m Dec= +2°07' (in constellation <b>Cetus/Cet</b> ) best seen between 20.2h - 5.2h (h <sub>max</sub> =56° at 0.8h). faint, most extremely large
1.3h	 NGC 598: Galaxy	<b>M 33, Triangulum galaxy (NGC 598) Magnitude=5.7mag Diameter=62'</b> RA= 1h33.9m Dec=+30°39' (in constellation <b>Triangulum/Tri</b> ) best seen between 21.3h - 5.7h (h <sub>max</sub> =27° at 1.3h). remarkable extremely bright, extremely large, round, very gradually brighter (in the) middle (to a) nucleus; = Messier 33
1.4h	 NGC 628: Galaxy	<b>M 74 (NGC 628) Magnitude=9.2mag Diameter=10.2'</b> RA= 1h36.7m Dec=+15°47' (in constellation <b>Pisces/Psc</b> ) best seen between 21.4h - 5.2h (h <sub>max</sub> =42° at 1.4h). globular cluster, faint, very large, round, very gradually, pretty suddenly much brighter in the middle, partially resolved; = Messier 74
2.4h	 NGC 1023: Galaxy	<b>NGC 1023 Magnitude=9.5mag Diameter=8.7'</b> RA= 2h40.4m Dec=+39°04' (in constellation <b>Perseus/Per</b> ) best seen between 0.8h - 5.2h (h <sub>max</sub> =19° at 2.4h). very bright, very large, very much extended, very h b i h t i t h i d d l


2.5h	 Galaxy	<b>NGC 1068:</b> <b>M 77 (NGC 1068) Magnitude=8.8mag</b> Diameter=6.9' RA= 2h42.7m Dec= -0°01' ( <b>in constellation Cetus/Cet</b> ) best seen between 21.7h - 5.2h ( $h_{\max}=58^\circ$ at 2.5h). very bright, pretty large, irregular round, suddenly brighter (in the) middle partially resolved (to a) nucleus; = Messier 77
2.5h	 Galaxy	<b>NGC 1097 Magnitude=9.3mag</b> Diameter=9.3' RA= 2h46.3m Dec=-30°17' ( <b>in constellation Fornax/For</b> ) best seen between 20.5h - 5.2h ( $h_{\max}=88^\circ$ at 2.5h). very bright, large, very much extended 151 degrees, very brighter (in the) middle (to a) nucleus
4.0h	 Galaxy	<b>NGC 1553 Magnitude=9.5mag</b> Diameter=4.1' RA= 4h16.2m Dec=-55°47' ( <b>in constellation Dorado/Dor</b> ) best seen between 20.5h - 5.2h ( $h_{\max}=67^\circ$ at 4.0h). very bright, pretty small, round, gradually much brighter in the middle, among 3 stars; a double nebula(e)
4.9h	 cluster	<b>NGC 1807 Magnitude=7mag</b> Diameter=17' RA= 5h10.7m Dec=+16°32' ( <b>in constellation Taurus/Tau</b> ) best seen between 1.0h - 5.5h ( $h_{\max}=41^\circ$ at 4.9h). cluster, pretty rich, stars large & small
5.0h	 Globular star cluster	<b>NGC 1851 Magnitude=7.3mag</b> Diameter=11' RA= 5h14.1m Dec=-40°03' ( <b>in constellation Columba/Col</b> ) best seen between 22.5h - 5.2h ( $h_{\max}=82^\circ$ at 5.0h). globular cluster remarkable very bright, very large, round, very suddenly very very brighter (in the) middle, well resolved
5.2h	 cluster	<b>NGC 3960 Magnitude=8.3mag</b> Diameter=7' RA=11h50.9m Dec=-55°42' ( <b>in constellation Centaurus/Cen</b> ) best seen between 4.1h - 5.2h ( $h_{\max}=23^\circ$ at 5.2h). cluster, pretty large, pretty rich, gradually pretty much brighter (in the) middle, stars 13 mag
5.2h	 cluster	<b>NGC 2670 Magnitude=7.8mag</b> Diameter=9' RA= 8h45.5m Dec=-48°47' ( <b>in constellation Vela/Vel</b> ) best seen between 1.6h - 5.2h ( $h_{\max}=49^\circ$ at 5.2h). cluster, pretty large, sparse, little compressed, stars 13... mag
5.2h	 Globular star cluster	<b>NGC 4372 Magnitude=7.8mag</b> Diameter=18.6' RA=12h25.8m Dec=-72°40' ( <b>in constellation Musca/Mus</b> ) best seen between 0.4h - 5.2h ( $h_{\max}=26^\circ$ at 5.2h). globular cluster, pretty faint, large, round, stars 12...16 mag
5.2h	 Planetary nebula	<b>Ghost of Jupiter (NGC 3242) Magnitude=9mag</b> Diameter=20.8' RA=10h24.8m Dec=-18°38' ( <b>in constellation Hydra/Hya</b> ) best seen between 4.6h - 5.2h ( $h_{\max}=22^\circ$ at 5.2h). remarkable planetary nebula, very bright, little extended 147 degrees, 45" diameter, blue

5.2h	 Planetary nebula	<b>NGC 3132:</b> <b>Eight-burst planetary (NGC 3132) Magnitude=8mag</b> Diameter=0.8' RA=10h07.0m Dec=-40°26' (in constellation <b>Vela/Vel</b> ) best seen between 3.4h - 5.2h ( $h_{\max}=34^\circ$ at 5.2h). very remarkable planetary nebula, very bright, very large, little extended star 9 mag (in the) middle, 4 seconds diameter
5.2h	 Planetary nebula	<b>NGC 3918:</b> <b>Blue planetary (NGC 3918) Magnitude=8mag</b> Diameter=0.2' RA=11h50.3m Dec=-57°11' (in constellation <b>Centaurus/Cen</b> ) best seen between 4.0h - 5.2h ( $h_{\max}=24^\circ$ at 5.2h). planetary nebula, remarkable, small, round, blue, = star 7 mag, diameter = 1 seconds .5
5.2h	 cluster	<b>NGC 2483 Magnitude=7.6mag</b> Diameter=10' RA= 7h55.9m Dec=-27°56' (in constellation <b>Puppis/Pup</b> ) best seen between 1.7h - 5.2h ( $h_{\max}=58^\circ$ at 5.2h). cluster, large, little compressed
5.2h	 cluster	<b>NGC 2482 Magnitude=7.3mag</b> Diameter=12' RA= 7h54.9m Dec=-24°18' (in constellation <b>Puppis/Pup</b> ) best seen between 1.9h - 5.2h ( $h_{\max}=57^\circ$ at 5.2h). cluster, large, considerably rich, very little compressed
5.2h	 cluster	<b>NGC 2453 Magnitude=8.3mag</b> Diameter=5' RA= 7h47.8m Dec=-27°14' (in constellation <b>Puppis/Pup</b> ) best seen between 1.6h - 5.2h ( $h_{\max}=59^\circ$ at 5.2h). cluster, small, pretty rich, pretty compressed
5.2h	 cluster	<b>NGC 2204 Magnitude=8.6mag</b> Diameter=13' RA= 6h15.7m Dec=-18°39' (in constellation <b>Canis Major/CMa</b> ) best seen between 0.4h - 5.2h ( $h_{\max}=73^\circ$ at 5.2h). cluster, large, pretty rich, little compressed
5.2h	 Globular star cluster	<b>NGC 2298 Magnitude=9.4mag</b> Diameter=6.8' RA= 6h49.0m Dec=-36°00' (in constellation <b>Puppis/Pup</b> ) best seen between 0.3h - 5.2h ( $h_{\max}=73^\circ$ at 5.2h). globular cluster, bright, pretty large, irregular round, gradually brighter (in the) middle, partially resolved
5.2h	 Emission or reflection nebula	<b>NGC 2068:</b> <b>M 78 (NGC 2068) Magnitude=8mag</b> Diameter=8' RA= 5h46.7m Dec= +0°03' (in constellation <b>Orion/Ori</b> ) best seen between 0.7h - 5.2h ( $h_{\max}=57^\circ$ at 5.2h). bright, large, wisp, gradually much brighter (to a) nucleus, 3 stars involv(ed)(ing), resolvable; = Messier 78
5.2h	 Emission or reflection nebula	<b>NGC 1982:</b> <b>M 43 (NGC 1982) Magnitude=9mag</b> Diameter=20' RA= 5h35.6m Dec= -5°16' (in constellation <b>Orion/Ori</b> ) best seen between 0.3h - 5.2h ( $h_{\max}=63^\circ$ at 5.2h). remarkable very bright, very large, round with tail, much brighter in the middle star 8-9 mag; = Messier 43



5.2h	 Emission or reflection nebula	<b>NGC 1952:</b> <b>Crab nebula, M 1 (NGC 1952) Magnitude=8.4mag</b> Diameter=6' RA= 5h34.5m Dec=+22°01' (in constellation <b>Taurus/Tau</b> ) best seen between 1.7h - 5.2h ( $h_{\max}=36^\circ$ at 5.2h). very bright, very large, extended 135 degrees +/- , very gradually little brighter (in the) middle, resolvable; = Messier 1
5.3h	 Emission or reflection nebula	<b>NGC 1976:</b> <b>Great Nebula in Orion, M 42 (NGC 1976) Magnitude=4mag Diameter=66'</b> RA= 5h35.4m Dec= -5°27' (in constellation <b>Orion/Ori</b> ) best seen between 23.1h - 5.9h ( $h_{\max}=63^\circ$ at 5.3h). magnificent or interesting theta-1 Orionis and the great nebula(e); = Messier 42
5.4h	 cluster	<b>NGC 4463 Magnitude=7.2mag Diameter=5'</b> RA=12h30.0m Dec=-64°48' (in constellation <b>Musca/Mus</b> ) best seen between 3.7h - 5.5h ( $h_{\max}=24^\circ$ at 5.5h). cluster, sparse, very little compressed
5.4h	 Globular star cluster	<b>NGC 3201 Magnitude=6.8mag Diameter=18.2'</b> RA=10h17.6m Dec=-46°25' (in constellation <b>Vela/Vel</b> ) best seen between 3.3h - 5.5h ( $h_{\max}=36^\circ$ at 5.5h). globular cluster, very large, irregular round, little compressed (in the) middle, stars 13...16 mag
5.4h	 Globular star cluster	<b>NGC 2808 Magnitude=6.3mag Diameter=13.8'</b> RA= 9h12.0m Dec=-64°52' (in constellation <b>Carina/Car</b> ) best seen between 21.0h - 5.5h ( $h_{\max}=44^\circ$ at 5.5h). remarkable globular cluster, very large, extremely rich, very gradually extremely compressed (in the) middle, 45 seconds diameter, stars 13...15 mag
5.7h	 cluster	<b>NGC 2547: Open star</b> <b>NGC 2547 Magnitude=4.7mag Diameter=20'</b> RA= 8h10.7m Dec=-49°16' (in constellation <b>Vela/Vel</b> ) best seen between 23.6h - 5.7h ( $h_{\max}=60^\circ$ at 5.7h). cluster, bright, large, little compressed, stars 7...16 mag
5.7h	 cluster	<b>NGC 2168: Open star</b> <b>M 35 (NGC 2168) Magnitude=5.1mag Diameter=28'</b> RA= 6h08.9m Dec=+24°20' (in constellation <b>Gemini/Gem</b> ) best seen between 1.5h - 5.7h ( $h_{\max}=33^\circ$ at 5.7h). cluster, very large, considerably rich, pretty compressed, stars 9...16 mag; = Messier 35
5.9h	 cluster	<b>NGC 3114: Open star</b> <b>NGC 3114 Magnitude=4.2mag Diameter=35'</b> RA=10h02.7m Dec=-60°07' (in constellation <b>Carina/Car</b> ) best seen between 23.6h - 6.0h ( $h_{\max}=43^\circ$ at 6.0h). cluster, extremely large, little compressed, bright, stars 9...14 mag
5.9h	 cluster	<b>NGC 2516: Open star</b> <b>NGC 2516 Magnitude=3.8mag Diameter=30'</b> RA= 7h58.3m Dec=-60°52' (in constellation <b>Carina/Car</b> ) best seen between 19.7h - 5.9h ( $h_{\max}=57^\circ$ at 5.9h). cluster, very bright, very large, pretty rich, stars 7...13 mag

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