

JANUARY and FEBRUARY deep sky objects

JANUARY		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 1532	04h 12m 04s	-32° 52' 23"
NGC 1566	04h 20m 00s	-54° 56' 18"
NGC 1546	04h 14m 37s	-56° 03' 37"
NGC 1313	03h 18m 16s	-66° 29' 43"
NGC 1365	03h 33m 37s	-36° 08' 27"
NGC 1097	02h 46m 19s	-30° 16' 32"
NGC 1232	03h 09m 45s	-20° 34' 45"
NGC 1068	02h 42m 40s	-00° 00' 48"
NGC 300	00h 54m 54s	-37° 40' 57"

Category 1 (east of meridian)		
NGC 1637	04h 41m 28s	-02° 51' 28"
NGC 1808	05h 07m 42s	-37° 30' 48"
NGC 1792	05h 05m 14s	-37° 58' 47"
NGC 1617	04h 31m 40s	-54° 36' 07"
NGC 1672	04h 45m 43s	-59° 14' 52"
NGC 1964	05h 33m 22s	-21° 56' 43"
NGC 2196	06h 12m 10s	-21° 48' 22"
NGC 2217	06h 21m 40s	-27° 14' 03"
NGC 2442	07h 36m 20s	-69° 31' 29"

Category 2		
M 42	05h 35m 17s	-05° 23' 25"
NGC 2070	05h 38m 38s	-69° 05' 39"
NGC 2024	05h 41m 42s	-01° 50' 43"
NGC 2237	06h 30m 55s	+05° 02' 52"

Category 3 (west of meridian)		
NGC 1261	03h 12m 15s	-55° 12' 59"
NGC 362	01h 03m 14s	-70° 50' 52"
NGC 104	00h 24m 06s	-72° 05' 00"
NGC 288	00h 52m 46s	-26° 35' 10"

Category 3 (east of meridian)		
NGC 1851	05h 14m 06s	-40° 02' 48"
NGC 2298	06h 48m 59s	-36° 00' 17"
NGC 2210	06h 11m 32s	-69° 07' 15"
NGC 2808	09h 12m 03s	-64° 51' 45"

Category 4 (west of meridian)		
NGC 371	01h 03m 30s	-72° 03' 25"
M 45	03h 46m 06s	+24° 08' 49"
NGC 346	00h 59m 05s	-72° 10' 38"

Category 4 (east of meridian)		
M 41	06h 46m 00s	-20° 45' 15"
M 93	07h 44m 29s	-23° 51' 11"
M 47	07h 36m 35s	-14° 28' 47"
M 46	07h 41m 47s	-14° 48' 36"
M 50	07h 02m 48s	-08° 23' 00"
NGC 2348	07h 03m 03s	-67° 23' 38"

FEBRUARY		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 1792	05h 05m 14s	-37° 58' 47"
NGC 1532	04h 12m 04s	-32° 52' 23"
NGC 1672	04h 45m 43s	-59° 14' 52"
NGC 1313	03h 18m 15s	-66° 29' 51"
NGC 1566	04h 20m 01s	-54° 56' 14"
NGC 1546	04h 14m 37s	-56° 03' 37"
NGC 1433	03h 42m 01s	-47° 13' 19"
NGC 1792	05h 05m 14s	-37° 58' 47"
NGC 2217	06h 21m 40s	-27° 14' 03"

Category 1 (east of meridian)		
NGC 2442	07h 36m 24s	-69° 31' 50"
NGC 2280	06h 44m 49s	-27° 38' 20"
NGC 2292	06h 47m 39s	-26° 44' 47"
NGC 2325	07h 02m 40s	-28° 41' 52"
NGC 3059	09h 50m 08s	-73° 55' 17"
NGC 2559	08h 17m 06s	-27° 27' 25"
NGC 2566	08h 18m 46s	-25° 30' 02"
NGC 2613	08h 33m 23s	-22° 58' 22"

Category 2		
M 42	05h 35m 17s	-05° 23' 25"
NGC 2070	05h 38m 38s	-69° 05' 39"
NGC 2024	05h 41m 42s	-01° 50' 43"
NGC 2237	06h 30m 55s	+05° 02' 52"

Category 3 (west of meridian)		
NGC 1851	05h 14m 06s	-40° 02' 48"
NGC 288	00h 52m 46s	-26° 35' 10"
NGC 1261	03h 12m 15s	-55° 12' 59"
NGC 362	01h 03m 14s	-70° 50' 52"
NGC 104	00h 24m 05s	-72° 04' 49"

Category 3 (east of meridian)		
NGC 2298	06h 48m 59s	-36° 00' 17"
NGC 2808	09h 12m 03s	-64° 51' 45"
NGC 3201	10h 17m 36s	-46° 25' 00"

Category 4 (west of meridian)		
M 35	06h 09m 00s	+24° 21' 00"
NGC 1963	05h 32m 12s	-36° 23' 00"
NGC 2042	05h 36m 10s	-68° 55' 25"
NGC 2180	06h 09m 36s	+04° 42' 44"
NGC 2202	06h 16m 51s	+05° 59' 48"

Category 4 (east of meridian)		
M 50	07h 02m 48s	-08° 23' 00"
M 93	07h 44m 29s	-23° 51' 11"
M 46	07h 41m 47s	-14° 48' 36"
M 47	07h 36m 35s	-14° 28' 47"
M 48	08h 13m 43s	-05° 45' 02"
NGC 2516	07h 58m 07s	-60° 45' 12"
NGC 2547	08h 10m 11s	-49° 14' 00"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.

MARCH and APRIL deep sky objects

MARCH		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 2442	07h 36m 20s	-69° 31' 29"
NGC 2280	06h 44m 49s	-27° 38' 20"
NGC 2292	06h 47m 39s	-26° 44' 47"
NGC 2280	06h 44m 49s	-27° 38' 20"
NGC 2196	06h 12m 10s	-21° 48' 22"
NGC 1964	05h 33m 22s	-21° 56' 43"
NGC 1566	04h 20m 00s	-54° 56' 18"
NGC 1672	04h 45m 43s	-59° 14' 52"
NGC 1532	04h 12m 04s	-32° 52' 23"

Category 1 (east of meridian)		
NGC 2613	08h 33m 23s	-22° 58' 22"
NGC 2784	09h 12m 19s	-24° 10' 21"
NGC 2835	09h 17m 53s	-22° 21' 19"
NGC 2997	09h 45m 39s	-31° 11' 28"
NGC 3109	10h 03m 07s	-26° 09' 30"
NGC 2775	09h 10m 20s	+07° 02' 14"
NGC 3115	10h 05m 14s	-07° 43' 05"
NGC 3621	11h 18m 16s	-32° 48' 40"
NGC 2903	09h 32m 10s	+21° 30' 02"

Category 2		
M 42	05h 35m 17s	-05° 23' 25"
NGC 2070	05h 38m 38s	-69° 05' 39"
NGC 2024	05h 41m 42s	-01° 50' 43"
NGC 2237	06h 30m 55s	+05° 02' 52"
IC 2944	11h 37m 53s	-63° 21' 13"
NGC 3372	10h 43m 50s	-59° 52' 00"

Category 3 (west of meridian)		
NGC 2298	06h 48m 59s	-36° 00' 17"
NGC 1851	05h 14m 06s	-40° 02' 48"
NGC 2210	06h 11m 32s	-69° 07' 15"
NGC 1261	03h 12m 15s	-55° 12' 59"
NGC 2210	06h 11m 32s	-69° 07' 15"

Category 3 (east of meridian)		
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 2808	09h 12m 03s	-64° 51' 45"
NGC 4590	12h 39m 28s	-26° 44' 32"
NGC 4372	12h 25m 45s	-72° 39' 31"
NGC 4833	12h 59m 35s	-70° 52' 27"
NGC 5139	13h 26m 47s	-47° 28' 51"

Category 4 (west of meridian)		
M 50	07h 02m 48s	-08° 23' 00"
M 46	07h 41m 47s	-14° 48' 36"
M 93	07h 44m 29s	-23° 51' 11"
M 47	07h 36m 35s	-14° 28' 47"
NGC 2516	07h 58m 07s	-60° 45' 12"
NGC 2451	07h 45m 24s	-37° 58' 00"
M 41	06h 46m 00s	-20° 45' 15"

Category 4 (east of meridian)		
M 44	08h 39m 57s	+19° 40' 21"
M 67	08h 51m 24s	+11° 49' 00"
NGC 3114	10h 02m 42s	-60° 06' 00"
NGC 3532	11h 05m 30s	-58° 44' 00"
NGC 3293	10h 35m 49s	-58° 13' 28"
IC 2395	08h 42m 30s	-48° 07' 32"

APRIL		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 3109	10h 03m 07s	-26° 09' 30"
NGC 3115	10h 05m 14s	-07° 43' 05"
NGC 2903	09h 32m 10s	+21° 30' 02"
NGC 2997	09h 45m 39s	-31° 11' 28"
NGC 2835	09h 17m 53s	-22° 21' 19"
NGC 2784	09h 12m 19s	-24° 10' 21"
NGC 2775	09h 10m 20s	+07° 02' 14"
NGC 2613	08h 33m 23s	-22° 58' 22"
NGC 2442	07h 36m 20s	-69° 31' 29"

Category 1 (east of meridian)		
NGC 3621	11h 18m 16s	-32° 48' 40"
NGC 3585	11h 13m 17s	-26° 45' 18"
NGC 3521	11h 05m 49s	-00° 02' 13"
NGC 3904	11h 49m 13s	-29° 16' 37"
NGC 4945	13h 05m 26s	-49° 27' 46"
NGC 3351	10h 43m 58s	+11° 42' 12"
NGC 3368	10h 46m 46s	+11° 49' 12"
NGC 4594	12h 39m 59s	-11° 37' 22"
NGC 5068	13h 18m 54s	-21° 02' 17"
NGC 5236	13h 37m 00s	-29° 52' 04"

Category 2		
NGC 2070	05h 38m 38s	-69° 05' 39"
IC 2944	11h 37m 53s	-63° 21' 13"
NGC 3372	10h 43m 50s	-59° 52' 00"

Category 3 (west of meridian)		
NGC 2298	06h 48m 59s	-36° 00' 17"
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 2808	09h 12m 03s	-64° 51' 45"

Category 3 (east of meridian)		
NGC 5139	13h 26m 47s	-47° 28' 51"
NGC 4590	12h 39m 28s	-26° 44' 32"
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 5286	13h 46m 27s	-51° 22' 22"
NGC 4372	12h 25m 45s	-72° 39' 31"

Category 4 (west of meridian)		
NGC 3114	10h 02m 42s	-60° 06' 00"
IC 2488	09h 27m 26s	-56° 57' 24"
NGC 2910	09h 30m 29s	-52° 54' 50"
NGC 2669	08h 46m 23s	-52° 56' 51"
NGC 2670	08h 45m 29s	-48° 47' 30"
NGC 2645	08h 39m 03s	-46° 13' 38"

Category 4 (east of meridian)		
NGC 3228	10h 21m 22s	-51° 43' 21"
NGC 3446	10h 52m 07s	-45° 08' 00"
NGC 3330	10h 38m 47s	-54° 06' 56"
NGC 3293	10h 35m 49s	-58° 13' 28"
NGC 3680	11h 25m 37s	-43° 15' 00"
NGC 3766	11h 36m 14s	-61° 36' 36"
NGC 4755	12h 53m 36s	-60° 20' 01"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.

MAY and JUNE deep sky objects

MAY		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 3627	11h 20m 15s	+12° 59' 24"
NGC 3623	11h 18m 56s	+13° 05' 27"
NGC 3521	11h 05m 49s	-00° 02' 13"
NGC 3621	11h 18m 16s	-32° 48' 40"
NGC 2997	09h 45m 39s	-31° 11' 28"
NGC 3368	10h 46m 46s	+11° 49' 12"
M 105	10h 47m 49s	+12° 34' 52"
NGC 3115	10h 05m 14s	-07° 43' 05"

Category 1 (east of meridian)		
NGC 4594	12h 39m 59s	-11° 37' 22"
NGC 4697	12h 48m 36s	-05° 48' 00"
NGC 4945	13h 05m 26s	-49° 27' 46"
NGC 5128	13h 25m 29s	-43° 00' 58"
NGC 5102	13h 21m 57s	-36° 37' 54"
NGC 5236	13h 37m 00s	-29° 52' 04"
NGC 4303	12h 21m 55s	+04° 28' 22"
NGC 4321	12h 22m 55s	+15° 49' 23"

Category 2		
IC 2944	11h 37m 53s	-63° 21' 13"
NGC 3372	10h 43m 50s	-59° 52' 00"

Category 3 (west of meridian)		
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 2808	09h 12m 03s	-64° 51' 45"
NGC 2210	06h 11m 32s	-69° 07' 15"

Category 3 (east of meridian)		
NGC 5139	13h 26m 48s	-47° 29' 00"
NGC 4590	12h 39m 28s	-26° 44' 32"
NGC 5024	13h 12m 55s	+18° 10' 11"
NGC 5272	13h 42m 11s	+28° 22' 34"
NGC 4372	12h 25m 45s	-72° 39' 31"

Category 4 (west of meridian)		
NGC 3680	11h 25m 37s	-43° 15' 00"
NGC 4103	12h 06m 39s	-61° 15' 00"
NGC 3766	11h 36m 14s	-61° 36' 36"
NGC 3572	11h 10m 23s	-60° 14' 54"
NGC 3532	11h 05m 30s	-58° 44' 00"
NGC 3519	11h 04m 03s	-61° 22' 05"

Category 4 (east of meridian)		
NGC 4349	12h 24m 06s	-61° 52' 13"
NGC 4755	12h 53m 36s	-60° 20' 01"
NGC 5138	13h 27m 16s	-59° 02' 00"
NGC 5460	14h 07m 36s	-48° 18' 00"
NGC 5617	14h 29m 44s	-60° 42' 39"
NGC 5662	14h 35m 32s	-56° 40' 00"

JUNE		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 5236	13h 37m 00s	-29° 52' 04"
NGC 5247	13h 38m 03s	-17° 53' 05"
NGC 5248	13h 37m 32s	+08° 53' 10"
NGC 5068	13h 18m 54s	-21° 02' 17"
NGC 5128	13h 25m 29s	-43° 01' 00"
NGC 4594	12h 39m 59s	-11° 37' 22"
NGC 4699	12h 49m 02s	-08° 39' 50"
NGC 4826	12h 56m 44s	+21° 40' 59"
NGC 4303	12h 21m 55s	+04° 28' 22"

Category 1 (east of meridian)		
NGC 5643	14h 32m 41s	-44° 10' 28"
NGC 5566	14h 20m 20s	+03° 55' 59"
NGC 5746	14h 44m 56s	+01° 57' 22"
NGC 5813	15h 01m 11s	+01° 42' 07"
NGC 5846	15h 06m 29s	+01° 36' 19"
NGC 5921	15h 21m 56s	+05° 04' 13"
NGC 6221	16h 52m 46s	-59° 13' 06"
NGC 6300	17h 17m 00s	-62° 49' 13"

Category 2		
IC 2944	11h 37m 53s	-63° 21' 13"
NGC 3372	10h 43m 50s	-59° 52' 00"
NGC 6188	16h 40m 30s	-48° 47' 00"
IC 4628	16h 57m 00s	-40° 20' 00"

Category 3 (west of meridian)		
NGC 2298	06h 48m 59s	-36° 00' 17"
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 2808	09h 12m 03s	-64° 51' 45"

Category 3 (east of meridian)		
NGC 5139	13h 26m 48s	-47° 29' 00"
NGC 4590	12h 39m 28s	-26° 44' 32"
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 5286	13h 46m 27s	-51° 22' 22"
NGC 4372	12h 25m 45s	-72° 39' 31"

Category 4 (west of meridian)		
NGC 5139	13h 26m 48s	-47° 29' 00"
NGC 3201	10h 17m 36s	-46° 25' 00"
NGC 2808	09h 12m 03s	-64° 51' 45"
NGC 5272	13h 42m 11s	+28° 22' 34"

Category 4 (east of meridian)		
NGC 5904	15h 18m 36s	+02° 05' 00"
NGC 6121	16h 23m 36s	-26° 32' 00"
NGC 6397	17h 40m 41s	-53° 40' 23"
NGC 6273	17h 02m 38s	-26° 16' 03"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.

JULY and AUGUST deep sky objects

JULY		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 4945	13h 05m 26s	-49° 27' 46"
NGC 5068	13h 18m 54s	-21° 02' 17"
NGC 5128	13h 25m 29s	-43° 00' 58"
NGC 5236	13h 37m 00s	-29° 52' 04"
NGC 5253	13h 39m 56s	-31° 38' 30"
NGC 5317	13h 56m 12s	+05° 00' 56"
NGC 5846	15h 06m 29s	+01° 36' 19"
NGC 5921	15h 21m 56s	+05° 04' 13"
NGC 5938	15h 36m 26s	-66° 51' 33"

Category 1 (east of meridian)		
NGC 6221	16h 52m 46s	-59° 13' 06"
NGC 6300	17h 17m 00s	-62° 49' 13"
NGC 6684	18h 48m 57s	-65° 10' 22"
NGC 6744	19h 09m 46s	-63° 51' 24"
NGC 6782	19h 23m 58s	-59° 55' 20"
NGC 6384	17h 32m 24s	+07° 03' 39"
NGC 6876	20h 18m 19s	-70° 51' 30"
IC 5052	20h 52m 07s	-69° 12' 19"

Category 2		
NGC 3372	10h 43m 50s	-59° 52' 00"
NGC 6188	16h 40m 30s	-48° 47' 00"
IC 4628	16h 57m 00s	-40° 20' 00"
M 8	18h 04m 21s	-24° 18' 16"
M 20	18h 02m 28s	-22° 59' 19"
M 16	18h 18m 55s	-13° 50' 41"
M 17	18h 20m 48s	-16° 11' 00"

Category 3 (west of meridian)		
NGC 5904	15h 18m 34s	+02° 05' 00"
NGC 5286	13h 46m 27s	-51° 22' 22"
NGC 5139	13h 26m 47s	-47° 28' 51"
NGC 4590	12h 39m 28s	-26° 44' 32"
NGC 4372	12h 25m 45s	-72° 39' 31"

Category 3 (east of meridian)		
NGC 6218	16h 47m 14s	-01° 56' 50"
NGC 6121	16h 23m 36s	-26° 32' 00"
NGC 6397	17h 40m 41s	-53° 40' 23"
NGC 6752	19h 10m 54s	-59° 59' 00"
NGC 6723	18h 59m 36s	-36° 38' 00"
NGC 6809	19h 39m 59s	-30° 57' 42"
NGC 6254	16h 57m 09s	-04° 05' 56"

Category 4 (west of meridian)		
NGC 6067	16h 13m 11s	-54° 13' 08"
NGC 6025	16h 03m 18s	-60° 25' 53"
NGC 5822	15h 04m 12s	-54° 25' 00"
NGC 5662	14h 35m 32s	-56° 40' 00"
NGC 5606	14h 27m 47s	-59° 37' 56"
NGC 5617	14h 29m 44s	-60° 42' 39"
NGC 5460	14h 07m 36s	-48° 18' 00"

Category 4 (east of meridian)		
M 6	17h 40m 17s	-32° 16' 00"
M 7	17h 53m 34s	-34° 48' 34"
M 21	18h 04m 13s	-22° 29' 24"
M 23	17h 57m 00s	-19° 01' 00"
M 11	18h 51m 06s	-06° 16' 00"
M 18	18h 19m 58s	-17° 06' 06"
NGC 6208	16h 49m 26s	-53° 42' 00"

AUGUST		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 6384	17h 32m 24s	+07° 03' 39"
NGC 6300	17h 17m 00s	-62° 49' 13"
NGC 6221	16h 52m 46s	-59° 13' 06"
NGC 5938	15h 36m 26s	-66° 51' 33"
NGC 5643	14h 32m 41s	-44° 10' 28"
NGC 5530	14h 18m 27s	-43° 23' 13"

Category 1 (east of meridian)		
NGC 6684	18h 48m 57s	-65° 10' 22"
NGC 6744	19h 09m 45s	-63° 51' 22"
NGC 6822	19h 44m 58s	-14° 48' 11"
NGC 6782	19h 23m 58s	-59° 55' 20"
NGC 6868	20h 09m 54s	-48° 22' 48"
IC 4948	20h 24m 28s	-43° 39' 11"
NGC 7049	21h 19m 00s	-48° 33' 41"
NGC 7205	22h 08m 33s	-57° 26' 33"

Category 2		
NGC 6188	16h 40m 30s	-48° 47' 00"
IC 4628	16h 57m 00s	-40° 20' 00"
M 8	18h 04m 21s	-24° 18' 16"
M 20	18h 02m 28s	-22° 59' 19"
M 16	18h 18m 55s	-13° 50' 41"
M 17	18h 20m 48s	-16° 11' 00"

Category 3 (west of meridian)		
NGC 6397	17h 40m 42s	-53° 40' 00"
NGC 6254	16h 57m 09s	-04° 05' 56"
NGC 6218	16h 47m 14s	-01° 56' 50"
NGC 6121	16h 23m 36s	-26° 32' 00"
NGC 5139	13h 26m 48s	-47° 29' 00"

Category 3 (east of meridian)		
NGC 6752	19h 10m 54s	-59° 59' 00"
NGC 6723	18h 59m 36s	-36° 38' 00"
NGC 6626	18h 24m 33s	-24° 52' 10"
NGC 6656	18h 36m 24s	-23° 54' 00"
NGC 6809	19h 39m 59s	-30° 57' 42"

Category 4 (west of meridian)		
M 21	18h 04m 13s	-22° 29' 24"
M 23	17h 57m 00s	-19° 01' 00"
M 7	17h 53m 34s	-34° 48' 34"
M 6	17h 40m 17s	-32° 16' 00"
NGC 6520	18h 03m 25s	-27° 53' 28"
NGC 6124	16h 25m 20s	-40° 39' 13"
NGC 6067	16h 13m 11s	-54° 13' 08"

Category 4 (east of meridian)		
M 18	18h 19m 58s	-17° 06' 06"
M 26	18h 45m 18s	-09° 22' 50"
M 11	18h 51m 06s	-06° 16' 00"
NGC 6716	18h 54m 34s	-19° 54' 04"
M 73	20h 58m 56s	-12° 38' 07"
NGC 6633	18h 27m 15s	+06° 30' 30"
NGC 6755	19h 07m 49s	+04° 15' 59"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.

SEPTEMBER and OCTOBER deep sky objects

SEPTEMBER		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 6782	19h 23m 58s	-59° 55' 20"
NGC 6868	20h 09m 54s	-48° 22' 48"
NGC 6822	19h 44m 58s	-14° 48' 11"
NGC 6876	20h 18m 19s	-70° 51' 30"
NGC 6744	19h 09m 46s	-63° 51' 24"
NGC 6684	18h 48m 57s	-65° 10' 22"
NGC 6300	17h 17m 00s	-62° 49' 13"
NGC 6221	16h 52m 46s	-59° 13' 06"

Category 1 (east of meridian)		
IC 5052	20h 52m 07s	-69° 12' 19"
NGC 7049	21h 19m 00s	-48° 33' 41"
NGC 7090	21h 36m 28s	-54° 33' 18"
NGC 7205	22h 08m 33s	-57° 26' 33"
NGC 7213	22h 09m 16s	-47° 10' 01"
IC 5201	22h 20m 58s	-46° 02' 05"
NGC 7314	22h 35m 46s	-26° 03' 01"
NGC 7410	22h 55m 01s	-39° 39' 44"
NGC 7424	22h 57m 18s	-41° 04' 15"
IC 5267	22h 57m 14s	-43° 23' 45"

Category 2		
M 8	18h 04m 21s	-24° 18' 16"
M 20	18h 02m 28s	-22° 59' 19"
M 16	18h 18m 55s	-13° 50' 41"
M 17	18h 20m 48s	-16° 11' 00"
NGC 7293	22h 29m 38s	-20° 50' 11"
M 27	19h 59m 36s	+22° 43' 18"

Category 3 (west of meridian)		
NGC 6809	19h 39m 59s	-30° 57' 42"
NGC 6723	18h 59m 36s	-36° 38' 00"
NGC 6752	19h 10m 54s	-59° 59' 00"
NGC 6656	18h 36m 24s	-23° 54' 00"
NGC 6626	18h 24m 33s	-24° 52' 10"
NGC 6397	17h 40m 41s	-53° 40' 23"

Category 3 (east of meridian)		
NGC 104	00h 24m 06s	-72° 05' 00"
NGC 7099	21h 40m 22s	-23° 10' 43"
NGC 7089	21h 33m 27s	-00° 49' 22"
NGC 7078	21h 30m 00s	+12° 10' 00"

Category 4 (west of meridian)		
NGC 6774	19h 16m 36s	-16° 16' 00"
M 7	17h 53m 34s	-34° 48' 34"
M 11	18h 51m 06s	-06° 16' 00"
M 26	18h 45m 18s	-09° 22' 50"
M 6	17h 40m 17s	-32° 16' 00"
M 23	17h 57m 00s	-19° 01' 00"
M 18	18h 19m 58s	-17° 06' 06"

Category 4 (east of meridian)		
M 73	20h 58m 56s	-12° 38' 07"
NGC 371	01h 03m 30s	-72° 03' 25"
NGC 395	01h 05m 07s	-71° 59' 39"

OCTOBER		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 7213	22h 09m 16s	-47° 10' 01"
NGC 7205	22h 08m 33s	-57° 26' 33"
IC 5152	22h 02m 42s	-51° 17' 46"
NGC 7144	21h 52m 43s	-48° 15' 17"
NGC 7090	21h 36m 28s	-54° 33' 18"
NGC 7049	21h 19m 00s	-48° 33' 41"
IC 5052	20h 52m 07s	-69° 12' 19"
NGC 6876	20h 18m 19s	-70° 51' 30"
IC 4948	20h 24m 28s	-43° 39' 11"
NGC 6868	20h 09m 54s	-48° 22' 48"
NGC 6744	19h 09m 45s	-63° 51' 22"

Category 1 (east of meridian)		
IC 5267	22h 57m 14s	-43° 23' 45"
NGC 7424	22h 57m 18s	-41° 04' 15"
NGC 7410	22h 55m 01s	-39° 39' 44"
NGC 7582	23h 18m 23s	-42° 22' 11"
IC 1459	22h 57m 10s	-36° 27' 45"
NGC 7507	23h 12m 08s	-28° 32' 19"
IC 5332	23h 34m 27s	-36° 06' 05"
NGC 55	00h 15m 09s	-39° 13' 13"
NGC 7793	23h 57m 49s	-32° 35' 30"

Category 2		
M 8	18h 04m 21s	-24° 18' 16"
M 20	18h 02m 28s	-22° 59' 19"
M 16	18h 18m 55s	-13° 50' 41"
M 17	18h 20m 48s	-16° 11' 00"
NGC 7293	22h 29m 38s	-20° 50' 11"

Category 3 (west of meridian)		
NGC 7078	21h 29m 58s	+12° 10' 03"
NGC 7089	21h 33m 27s	-00° 49' 22"
NGC 7099	21h 40m 22s	-23° 10' 43"
NGC 6809	19h 39m 59s	-30° 57' 42"
NGC 6752	19h 10m 52s	-59° 58' 53"

Category 3 (east of meridian)		
NGC 104	00h 24m 06s	-72° 05' 00"
NGC 362	01h 03m 14s	-70° 50' 52"
NGC 288	00h 52m 46s	-26° 35' 10"
NGC 1261	03h 12m 15s	-55° 12' 59"

Category 4 (west of meridian)		
M 73	20h 58m 56s	-12° 38' 07"
NGC 6774	19h 16m 36s	-16° 16' 00"
NGC 6716	18h 54m 34s	-19° 54' 04"
NGC 6755	19h 07m 49s	+04° 15' 59"

Category 4 (east of meridian)		
NGC 395	01h 05m 07s	-71° 59' 39"
NGC 371	01h 03m 30s	-72° 03' 25"
NGC 7772	23h 51m 45s	+16° 14' 54"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.

NOVEMBER and DECEMBER deep sky objects

NOVEMBER		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 45	00h 14m 04s	-23° 10' 53"
NGC 55	00h 15m 08s	-39° 13' 10"
NGC 7814	00h 03m 15s	+16° 08' 43"
NGC 7727	23h 39m 54s	-12° 17' 34"
NGC 7606	23h 19m 05s	-08° 29' 11"
NGC 7479	23h 04m 57s	+12° 19' 20"
IC 5332	23h 34m 27s	-36° 06' 07"
NGC 7713	23h 36m 15s	-37° 56' 20"
NGC 7314	22h 35m 46s	-26° 03' 01"
NGC 7410	22h 55m 01s	-39° 39' 44"

Category 1 (east of meridian)		
NGC 253	00h 47m 33s	-25° 17' 18"
NGC 134	00h 30m 22s	-33° 14' 42"
NGC 300	00h 54m 54s	-37° 40' 57"
NGC 247	00h 47m 08s	-20° 45' 36"
NGC 157	00h 34m 46s	-08° 23' 46"
NGC 613	01h 34m 18s	-29° 25' 07"
NGC 1313	03h 18m 15s	-66° 29' 51"
NGC 908	02h 23m 05s	-21° 14' 00"
NGC 488	01h 21m 47s	+05° 15' 21"
NGC 1097	02h 46m 19s	-30° 16' 21"
NGC 1433	03h 42m 01s	-47° 13' 19"

Category 2		
NGC 7293	22h 29m 38s	-20° 50' 11"
NGC 2070	05h 38m 38s	-69° 05' 39"

Category 3 (west of meridian)		
NGC 104	00h 24m 06s	-72° 05' 00"
NGC 7099	21h 40m 22s	-23° 10' 43"
NGC 6752	19h 10m 54s	-59° 59' 00"
NGC 7089	21h 33m 27s	-00° 49' 22"

Category 3 (east of meridian)		
NGC 104	00h 24m 05s	-72° 04' 49"
NGC 362	01h 03m 14s	-70° 50' 52"
NGC 288	00h 52m 46s	-26° 35' 10"
NGC 1261	03h 12m 15s	-55° 12' 59"
NGC 1851	05h 14m 06s	-40° 02' 48"

Category 4 (west of meridian)		
NGC 7772	23h 51m 45s	+16° 14' 54"
NGC 6994	20h 58m 56s	-12° 38' 07"

Category 4 (east of meridian)		
NGC 371	01h 03m 30s	-72° 03' 25"
NGC 346	00h 59m 05s	-72° 10' 38"
NGC 376	01h 03m 53s	-72° 49' 26"
NGC 330	00h 56m 20s	-72° 27' 44"
NGC 1641	04h 35m 35s	-65° 45' 07"
NGC 1649	04h 38m 23s	-68° 40' 23"
NGC 395	01h 05m 07s	-71° 59' 39"

DECEMBER		
OBJECT	RA (2000)	DECL (2000)

Category 1 (west of meridian)		
NGC 628	01h 36m 42s	+15° 47' 00"
NGC 300	00h 54m 54s	-37° 40' 57"
NGC 55	00h 15m 08s	-39° 13' 10"
NGC 253	00h 47m 33s	-25° 17' 18"
NGC 7793	23h 57m 49s	-32° 35' 30"
NGC 247	00h 47m 08s	-20° 45' 36"
NGC 613	01h 34m 18s	-29° 25' 07"
NGC 720	01h 53m 00s	-13° 44' 19"
NGC 488	01h 21m 47s	+05° 15' 21"
NGC 157	00h 34m 46s	-08° 23' 46"

Category 1 (east of meridian)		
NGC 1313	03h 18m 16s	-66° 29' 43"
NGC 1672	04h 45m 43s	-59° 14' 52"
NGC 1546	04h 14m 37s	-56° 03' 37"
NGC 1566	04h 20m 01s	-54° 56' 14"
NGC 1433	03h 42m 01s	-47° 13' 19"
NGC 1097	02h 46m 19s	-30° 16' 21"
NGC 1365	03h 33m 37s	-36° 08' 27"
NGC 1532	04h 12m 04s	-32° 52' 23"
NGC 1398	03h 38m 52s	-26° 20' 14"
NGC 1232	03h 09m 45s	-20° 34' 45"
NGC 1068	02h 42m 40s	-00° 00' 48"

Category 2		
NGC 7293	22h 29m 38s	-20° 50' 11"
NGC 2070	05h 38m 38s	-69° 05' 39"
M 42	05h 35m 17s	-05° 23' 25"

Category 3 (west of meridian)		
NGC 362	01h 03m 14s	-70° 50' 52"
NGC 104	00h 24m 06s	-72° 05' 00"
NGC 288	00h 52m 46s	-26° 35' 10"

Category 3 (east of meridian)		
NGC 1261	03h 12m 15s	-55° 12' 59"
NGC 1851	05h 14m 06s	-40° 02' 48"
NGC 2210	06h 11m 32s	-69° 07' 15"

Category 4 (west of meridian)		
NGC 395	01h 05m 07s	-71° 59' 39"
NGC 371	01h 03m 30s	-72° 03' 25"
NGC 330	00h 56m 20s	-72° 27' 44"
NGC 346	00h 59m 05s	-72° 10' 38"

Category 4 (east of meridian)		
NGC 1641	04h 35m 35s	-65° 45' 07"
NGC 1649	04h 38m 23s	-68° 40' 23"
NGC 1731	04h 53m 32s	-66° 55' 31"
NGC 1845	05h 05m 12s	-70° 35' 45"
NGC 1963	05h 32m 12s	-36° 23' 00"

Early in a month, targets west of the meridian will be best.

ast0691

Late in a month, targets east of the meridian will be best.