

Table: Observer's Guide to the SLAS 2010 Public Star Party Schedule

Date	Prob clear skies	LST 9PM MDT	Type	Place	DSO Transit	Planets	Dbl Stars	Other
04/02/2010	23%	08 17 49.90	Public Star Party	Wheeler Farm 6351 South 900 East Midvale, UT	M48; M44; M67	Saturn, Mars; At 8PM MDT, Mercury and Venus visible at W horizon after sunset.	HD066624; gam02 Vel; HD073709; gam Cnc; iot Cnc	Best presentation anti-spinward arm of Orion-Cygnus spur
04/03/2010	23%	08 21 46.50	Public Star Party	Stansbury Park Observation Complex	M48; M44; M67	Saturn, Mars; At 8PM MDT, Mercury and Venus visible at W horizon after sunset.	HD066624; gam02 Vel; HD073709; gam Cnc; iot Cnc	
04/16/2010	23%	09 13 01.70	Public Star Party	Midvale Harmon's 7755 South 700 East Midvale, UT	M81; M82; Leo Group	Saturn, Mars, crescent Moon setting; Venus, Moon, Pleiades at W horizon after sunset	38 Lyn (Dbl); R Leo (single intense red)	Astronomy Week 4-19 to 4-25; Comet 81P Wild2 mag 9-10; Comet C/2009 K5 mag 8-9
04/24/2010	23%	N/a	Sun Party	Winchester Park 6400 South 1100 West Murray, UT	N/a	Sun P -25.4 deg; Bo - 4.8 deg. P tilt east-west from NCP; Bo tilt to-from obs eclip plane	N/a	Astronomy Day 4-24
04/30/2010	23%	10 08 13.50	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City, UT	M81; M82; Caldwell 59; M95; M96; M105	Saturn, Mars, Moon 92% illuminated; Venus at W horizon at 9PM	alf Leo; gam01 Leo; 40 LMi; 54 Leo	Lunar terminator objects: Cleomedes; Endymion; Genimus; Messala; Petavius; Rima Cleomedes
05/01/2010	29%	10 12 10.00	Public Star Party	Stansbury Park Observation Complex	M81; M82; Caldwell 59; M95; M96; M105	Saturn, Mars, Venus at W horizon at 9PM	alf Leo; gam01 Leo; 40 LMi; 54 Leo	Comet 81P near peak May 9-10; Comet C/2009 KT near max May 8

05/21/2010	29%	11 31 01.10	Public Star Party	Brickyard Harmons 3200 South 1300 East Salt Lake City, UT	M108; M97; M65, M66; Caldwell 40; Caldwell 100; M109	Saturn, Moon 63% illuminated; Venus and OC NGC2168 at 9pm W horizon	ksi UMa; iot Leo; tau Leo; 17 Crt	Lunar occultation 16 Sextans 5/20/2010 8:57MDT; Lunar terminator objects: Alpetragius; Alphonsus; Archimedes; Arzachel; Eratosthenes; Herschel; Montes Alps; Moretus; Plato; Rima Birt; Rima Bradley; Rupes Recta; Stadius; Tycho; Timocharis; Begin presentation of north supergalactic plane and Virgo Supercluster at Leo Group
05/22/2010	29%	11 34 57.70	Public Star Party	Stansbury Park Observation Complex	M108; M97; M65, M66; Caldwell 40; Caldwell 100; M109	Saturn, Moon 73% illuminated; ; Venus and OC NGC2168 at 9pm W horizon	ksi UMa; iot Leo; tau Leo; 17 Crt	Lunar terminator objects: Bulliadlus; Clavius; Copernicus; Dome Kies Pi; Lambert; Longomontanus; Mons La Hire; Montes Recti; Reinhold; Rima Hesiodus
06/04/2010	47%	12 26 12.90	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City, UT	M098; M099; M106; M061; M040; M100; M084; M085; M086; M049; M087; M088; M091; M089; M090; M058; M068; M104; M059; M060; M094; M064; Caldwell60; Caldwell061; Caldwell003; Caldwell026; Caldwell021; Caldwell036; Caldwell038; Caldwell098	Saturn; Venus at W horizon at 9PM just after civil sunset	2 CVn; del Crv; 24 Com; HD110317; HD112028; alf02 CVn	Best presentation of core of Virgo Supercluster in northern supergalactic plane
06/05/2010	47%	12 30 09.50	Public Star Party	Stansbury Park Observation Complex	M098; M099; M106; M061; M040; M100; M084; M085; M086; M049; M087; M088; M091; M089; M090; M058; M068; M104; M059; M060; M094; M064; Caldwell60; Caldwell061; Caldwell003; Caldwell026; Caldwell021; Caldwell036; Caldwell038; Caldwell098	Saturn; Venus at W horizon at 9PM just after civil sunset	2 CVn; del Crv; 24 Com; HD110317; HD112028; alf02 CVn	Best presentation North Galactic Pole and core of Virgo Supercluster in northern supergalactic plane; Comet C/2009 R1 mag 5 low NE horizon 6am

06/18/2010	47%	13 21 24.70	Public Star Party	Midvale Harmons 7755 South 700 East Midvale, UT	M053; Caldwell029; M063; M051; M083; Caldwell045; M003	Saturn, Moon 50% illuminated; Venus at W horizon at 9:30pm after civil sunset	tet Vir; zet01 UMa	Lunar terminator objects: Albategnius, Cassini; Hipparchus; Maurolycus; Mons Hadley (Apollo 15); Rima Ariadaeus; Rima Hyginus; Rimae Sulpicius Gallus; Rima Triesnecker
06/19/2010	47%	13 25 21.20	Public Star Party	Stansbury Park Observation Complex	M053; Caldwell029; M063; M051; M083; Caldwell045; M003	Saturn; Moon 60% illuminated; Pluto; Venus at W horizon at 9:30pm after civil sunset	tet Vir; zet01 UMa	Lunar terminator objects: Aletraguus; Alphonsus; Autolycus; Herschel; Mons Piton; Mons Alpes; Montes Apenninus; Moretus; Ptolemaeus; Rima Bradley; Rima Hadley; Rupes Recta; Vallis Alps; West Bond; Werner
06/26/2010	47%	N/a	Sun Party	Winchester Park 1100 West 6400 South Murray, UT	N/a	Sun P -4.2 deg; Bo 2.3 deg	N/a	
07/02/2010	55%	14 16 36.50	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City, UT	M101; Caldwell066	Pluto; Venus at W horizon at 9:30pm after civil sunset	STF1835; gam Boo; pi. Boo; zet Boo; eps Boo; eps Boo; 54 Hya; 39 Boo; alf Lib; ksi Boo	Comet 10/P Tempel 2 mag 9-10 in Aquarius; Bootes-CVn-UMa Galactic Clouds in Virgo Supercluster
07/03/2010	55%	14 20 33.00	Public Star Party	Stansbury Park Observation Complex	M101; Caldwell066	Pluto; Venus at W horizon at 9:30pm after civil sunset	STF1835; gam Boo; pi. Boo; zet Boo; eps Boo; eps Boo; 54 Hya; 39 Boo; alf Lib; ksi Boo	7-11 Total lunar eclipse may be slightly visible in Utah; Bootes- CVn-UMa Galactic Clouds in Virgo Supercluster
07/16/2010	55%	15 11 48.20	Public Star Party	Bangerter Crossing Harmons 13800 So. 100 East Draper, UT	Caldwell088; M102; M005;	Pluto; Moon 35% illuminated; Venus at W horizon at 9:30pm after civil sunset	44 Boo; del Boo; mu.02 Boo; mu.01 Boo; del Ser	Lunar terminator objects: (Moon at 36 deg alt) Catharina; Cyrillus; Fracastorius; Lamont; Piccolomini; Posidonius; Rimae Burg; Rimae Daniell; Rimae Posidonius; Rupes Altai; Theophilus
07/17/2010	55%	15 15 44.80	Public Star Party	Stansbury Park Observation Complex	Caldwell088; M102; M005;	Pluto; Moon 49% illuminated; Venus at W horizon at 9:30pm after civil sunset	44 Boo; del Boo; mu.02 Boo; mu.01 Boo; del Ser	Lunar terminator objects: (Moon at 36 deg alt) Abenezra; Aristoteles; Eudoxus; Maurolycus; Meton; Rima Ariadaeus; Rimae Sulpicius Gallus

07/24/2010	55%	N/a	Sun Party	Winchester Park 1100 West 6400 South Murray, UT	N/a	Sun P 7.5 deg; Bo 5.2 deg	N/a	
07/30/2010	55%	16 07 00.00	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City, UT	M080; Caldwell089; M004; Caldwell075; M107; M013; M012; M010	Venus at W horizon at 9:30pm after civil sunset; 7-30 9:43pm MDT I EcD; 7-29 8:57pm MDT Jupiter 8:57MDT II ShE 10:37MDT III TrI at RASC Handbook p. 233	kap Her; sig CrB; rho Oph; 16 Dra; 37 Her	Aquarids 8 day meteor shower peak
07/31/2010	55%	16 10 56.60	Public Star Party	Stansbury Park Observation Complex	M080; Caldwell089; M004; Caldwell075; M107; M013; M012; M010	Jupiter 7:59pm MDT I TrI; 9:06pm MDT I ShE; 10:12pm MDT I TrE at RASC Handbook p. 233; Venus at W horizon at 9:30pm after civil sunset	kap Her; sig CrB; rho Oph; 16 Dra; 37 Her	Lunar Graze 117 8-6 4:26AM MDT in RASC Handbook p. 174; Globular cluster land north of galactic disk
08/13/2010	52%	17 02 11.80	Public Star Party	Midvale Harmons 7744 South 700 East Midvale, UT	M062; M019; M092; M009; Caldwell81; M014; M023; Caldwell006	Moon setting 21% illuminated; Jupiter 7:37pm MDT II TrI; 8:32pm MDT II ShE; 10:17pm MDT II TRE at RASC Handbook p 234; 8-11 to 8-13 Vesta, Saturn, Mars, Moon, Venus, Mercury at western horizon at sunset	mu. Dra; alf01 Her; del Her; 36 Oph; 68 Her; 39 Oph; omi Oph; rho Her; nu.02 Dra; psi Dra; 61 Oph	Persid Peak 2 day duration; Moon too low to observe; 8-11 Dawn satellite arrives at Vesta
08/14/2010	52%	17 06 08.30	Public Star Party	Stansbury Park Observation Complex	M062; M019; M092; M009; Caldwell81; M014; M023; Caldwell006	Jupiter 10:40pm MDT I ShI; 11:34pm MDT I TrI at RASC Handbook p. 234; Moon setting 32% illuminated	mu. Dra; alf01 Her; del Her; 36 Oph; 68 Her; 39 Oph; omi Oph; rho Her; nu.02 Dra; psi Dra; 61 Oph	Persids Peak 2 Day Duration
08/21/2010	52%	N/a	Sun Party	Winchester Park 1100 West 6400 South Murray, UT	N/a	Sun P 17.9 deg; Bo 6.9 deg	N/a	8-21 Neptune at opposition; Grand tour of the spinward arm of the Orion Cygnus spur

08/27/2010	52%	17 57 23.60	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City,UT	M062; M019; M092; M009; Caldwell81; M014; M023; Caldwell006	Jupiter 10:46pm II ShI at RASC Handbook p. 234, Neptune	mu. Dra; alf01 Her; del Her; 36 Oph; 68 Her; 39 Oph; omi Oph; rho Her; nu.02 Dra; psi Dra; 61 Oph	Grand tour of the spinward arm of the Orion Cygnus spur
08/28/2010	52%	18 01 20.10	Public Star Party	Stansbury Park Observation Complex For map click on the link below	M062; M019; M092; M009; Caldwell81; M014; M023; Caldwell006	Jupiter, Neptune	mu. Dra; alf01 Her; del Her; 36 Oph; 68 Her; 39 Oph; omi Oph; rho Her; nu.02 Dra; psi Dra; 61 Oph	Grand tour of the spinward arm of the Orion Cygnus spur
09/17/2010	57%	19 20 11.20	Public Star Party	Taylorville Harmons 5400 South Redwood Road Taylorville, UT	M056; M055; Caldwell15; Caldwell057; M071; M027	Uranus, Moon 72% illuminated, Jupiter 9:55pm MDT III ShI; 10:23pm MDT III TrI at RASC Handbook p. 234	gam CrA; bet01 Cyg; 16 Cyg; 57 Aql	Lunar terminator objects: (Moon at 35 deg alt) Billialdus, Copernicus; Dome Kies Pi; Lambert; Lansberg; Longomotanus; Mons La Hire; Montes Carpatius; Montes Recti; Rienhold; Rima Hesiodus
09/18/2010	57%	19 24 07.80	Public Star Party	Stansbury Park Observation Complex	M056; M055; Caldwell15; Caldwell057; M071; M027	Jupiter, Uranus, Moon 85% illuminated	gam CrA; bet01 Cyg; 16 Cyg; 57 Aql	9-21 Jupiter and Uranus at opposition; Terminator objects: (Moon 35 deg alt) Dome Milichius, Gassendi, Hainzel, Kepler, Montes Jura, Rimae Gassendi, Rimae Hippalus, Sinus Iridum
09/25/2010	57%	N/a	Sun Party	Winchester Park 1100 West 6400 South Murray, UT	N/a	Sun P 25 deg; Bo 6.7 deg	N/a	
10/01/2010	45%	20 15 23.00	Public Star Party	Wheeler Farm 6351 South 900 East Salt Lake City, UT	M075; Caldwell037; Caldwell027; M029; Caldwell047; Caldwell012; M072; Caldwell033; M073; Caldwell020	Uranus, Jupiter 7:32pm MDT I TrE; 7:49 pm MDT I ShE	bet Cap; omi Cap; gam02 Del; gam01 Del; eps Equ	

10/02/2010	45%	20 19 19.50	Public Star Party	Stansbury Park Observation Complex	M075; Caldwell037; Caldwell027; M029; Caldwell047; Caldwell012; M072; Caldwell033; M073; Caldwell020	Uranus, Jupiter	bet Cap; omi Cap; gam02 Del; gam01 Del; eps Equ	South galactic pole and southern supergalactic plane clusters best - Pegasus Cloud and Fornax Cluster
10/15/2010	45%	21 10 34.80	Public Star Party	Midvale Harmons 7755 South 700 East Midvale, UT	Caldwell042; Caldwell004; Caldwell055	Jupiter, Uranus, Moon 62% illuminated	2 Equ; 12 Aqr; 61 Cyg; 24 Cap	Lunar occultation 9:57MDT ZC2997 - SAO163666 per Occult 4; Lunar terminator objects: (Moon 39 deg alt) Alpetragius; Alphonsus; Archimedes; Arzachel; Autolycus; Herschel; Mons Piton; Montes Alps; Montes Aps; Plato; Rima Birt; Rima Bradley; Rupes Recta
10/16/2010	45%	21 14 31.30	Public Star Party	Stansbury Park Observation Complex	Caldwell042; Caldwell004; Caldwell055	Uranus, Moon 71% illuminated, Jupiter 7:48pm MDT II ShE; 8:56pm I EcR	2 Equ; 12 Aqr; 61 Cyg; 24 Cap	Graze 168 at 7:38MDT per RASC Handbook p. 175; Lunar terminator objects: Clavius; Copernicus; Eratosthenes; Lambert; Montes Recti; Rima Hesidus; Pitatus; Rima Hesiodus; Stadius; Timocharis; Tycho
10/23/2010	45%	N/a	Sun Party	Winchester Park 1100 West 6400 South Murray, UT	N/a	Sun P 25.6 deg; Bo 5.2 deg	N/a	

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