



Utah Climatic Summary

June 2012



Here's a look at rainfall reports for the month of June:



Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Alpine	0.01		1.11	1
Alta	Trace		2.26	0
Alton	0.00		0.49	0
Bear Lake S.P.	0.03		-	-
Big Water	0.00		0.25	0
Bountiful-Val Verda	Trace		1.37	0
Brigham City	0.10		1.14	9
Bryce Canyon Nat'l Park	Trace		0.58	0
Bullfrog Basin	0.00		0.14	0
Capitol Reef Nat'l Park	0.03		0.45	7
Castle Dale	0.00		0.49	0
Cedar City Airport	0.00		0.53	0
Centerville	Trace		-	0
City Creek	0.00		1.65	0
Clearfield	0.28		-	-
Deer Creek Dam	0.00		1.30	0
Delta	0.00		0.48	0
Duchesne	0.04		0.77	5
Echo Dam	0.00		1.28	0
Eden 2N	0.09		-	-
Ephraim	0.00		0.80	0
Escalante	0.00		0.46	0
Ferron	0.00		0.52	0
Fillmore	0.00		0.91	0
Fremont Indian S.P.	0.00		0.72	0
Garfield	0.00		1.16	0
Hanksville	0.00		0.29	0
Hans Flat	0.01		0.47	2

Station	Precipitation	Snowfall	Normal Pcpn	Percent of Normal
Hatch	0.00		0.49	0
Heber City	0.00		0.94	0
Huntsville	Trace		1.35	0
Kanab	0.00		0.34	0
Kanosh	0.00		0.81	0
Kodachrome Basin S.P.	0.00		0.38	0
Laketown	0.00		1.05	0
Layton	0.05		-	-
Levan	0.00		0.87	0
Loa	0.00		0.69	0
Logan KVNU	0.06		1.25	5
Logan USU	0.13		1.36	10
Logan 5 SW	0.08		1.27	6
Manti	0.00		1.03	0
Milford	0.00		0.58	0
Minersville	0.00		0.70	0
Myton	0.00		0.63	0
Neola	Trace		0.69	0
Nephi	0.00		0.96	0
Ogden NE Bench	0.17		-	-
Orderville	0.00		0.53	0
Paria Ranger Station	0.00		-	0
Pineview Dam	0.14		1.81	8
Pleasant Grove	0.00		1.04	0
Provo BYU	0.00		1.20	0
Randolph	0.02		1.12	2
Richfield	0.00		0.66	0
Salt Lake Triad Center	Trace		1.13	0
Salt Lake Int'l Airport	Trace		0.98	0
Santaquin	0.00		1.09	0
South Ogden	0.08		1.77	-
South Salt Lake	Trace		-	-
Spanish Fork	0.00		1.21	0
Springville	0.00		-	-
Stansbury Park	0.00		1.03	0
Sunnyside	0.00		1.25	0
Trenton	0.10		1.25	8
Upper Millcreek	Trace		-	-
Utah Lake Lehi	0.00		0.79	0
Wanship Dam	Trace		1.23	0
Weber Basin Pump Plant	0.05		1.82	3
Wellington 3 E	Trace		0.57	0

June 5th - A fast-moving cold front brought strong winds statewide, with scattered showers & thunderstorms to portions of Northern Utah. The strong winds only exacerbated an already dangerous fire situation over Western & Southern Utah.

Increasing South Winds Today

South winds will increase across the area today and will be strongest across the western valleys during the afternoon.

Gusts to 50 mph can be expected across western Utah with gusts up to 35 mph elsewhere.

Photo Credit: W. Reid

Impacts

Cross winds will impact travel for high-profile vehicles along east-west routes across western Utah.

Visibilities may be reduced in blowing dust.

Increased fire danger across western and southern Utah.

Map Legend
 Denotes area where wind gusts are most likely to exceed 45 MPH

WINDY **FIRE DANGER**

WINDY AFTERNOON

Strong winds have developed across the majority of Utah. Strong winds will continue through this evening.

IMPACTS

- Blowing Dust

I-15 SR-92 Alpine - Lehi map 284

01-1407P 08/03

SR-154 Banggeter Hwy @ 6200 S - West Jordan map 14.86

01-1372P 08/03

- Crosswinds on east/west oriented routes including:

The map to the left shows peak wind gusts observed as of 3:30 pm.

Precipitation Totals (inches)

Snowville	0.22	Blacksmith Fork	0.22	Rosebud	0.19
Brigham City	0.18	Ogden	0.18	Beus Canyon	0.14
Weber River/Morgan	0.13	Harrisville	0.13	Bothwell	0.12
Locomotive Springs	0.10	Mendon	0.09	Clifton Flat	0.09
Logan	0.08	South Ogden	0.08	Elk Ridge	0.08
Interstate 80	0.07	Roy	0.06	Smithfield	0.05
Layton	0.05	Syracuse	0.05	Riverside	0.05
Bountiful	0.04	Huntsville	0.03	Summit Park	0.03

Peak Wind Gusts (MPH)

Chepeta	83	Signal Peak	78	Flight Park South	77
Vernon Hill	75	Lakeside Mountain	74	Hat Island	68
Deer Valley-Empire Peak	67	UTTR Treatment Unit	65	Lost Creek	63
Lehi	62	Diddle Knoll	61	Pioneer Crossing	60
Milford Airport	60	Sundance-Arrowhead	59	Snowbasin-Wildcat	58
Gunnison Island	58	Promontory Point	57	Scipio Summit	57
Bruin Point	57	Baccus Highway	57	Wendover Peak	57
Brimstone Reservoir	57	Delta Bus Garage	56	US-40 @ Starvation	55
Cedar City Airport	55	Eagle Range	54	Wendover POE	54
Price Airport	53	US-6 @ Helper	53	Salt Lake Airport 2	53
US-6 @ Eureka	53	Enterprise	53	Trappers Loop Road	52
Richfield Airport	51	Fremont Junction	51	Sherwood Hills	51
Great Salt Lake Marina	51	Torrey	50	I-15 @ Tremonton	50
Beaver Airport	49	Salt Lake Int'l Airport	49	Bluffdale	48
Heber City Airport	48	Rosebud	47	Fish Springs	47
Diamond Flat	46	Saratoga Springs	46	Hill A.F.B.	46
Oak City	46	Olympus Hills	46	Bryce Canyon Airport	45
Pleasant Grove	44	Tooele	44	Garden City	44
Bullfrog Marina	44	Grantsville Reservoir	43	Nephi Airport	41

June 8th - Another fast-moving but dry cold front brought very strong winds to the Beehive State.

Peak Wind Gusts (MPH) 

Flight Park South	79	Lakeside Mountain	65	Deer Valley-Baldy	65
Sundance-Arrowhead	64	Bunnells	62	Deer Valley-Empire	62
Pioneer Crossing	60	Wendover POE	60	Camel Back Mountain	60
US-6 @ Eureka	59	Promontory Point	58	Chepeta	58
Signal Peak	57	Lehi	56	Vernon Hill	54
US-40 @ Starvation	53	I-80 @ MP 1	53	Diddle Knoll	52
Parleys Summit	52	Hat Island	51	Pleasant Grove	51
I-80 @ MP 29	51	UTTR Treatment Unit	49	Callao Gate	49
Boulder Summit	49	Wendover Peak	48	Sherwood Hills	47
Simpson Springs	47	West Ogden	46	Eagle Mountain	46
Gunnison Island	46	English Village	46	Sandy	46
Plymouth	45	Saratoga Springs	45	Milford Airport	45
Logan Summit	45	Fremont Junction	44	Trappers Loop Road	44
Horse Hollow	44	Bluffdale	43	Oakley	43
Rosebud	43	South Mountain	43	West Granite	42
Wasatch Hills	42	Torrey	42	Olympus Cove	42
Enterprise	42	Brimstone Reservoir	42	University of Utah	41
Wolf Creek	41	Olympus Hills	41	Delta Bus Garage	41
Hanksville	40	Brigham City Airport	40	Wendover Field	40

June 23rd-25th - Explosive fire conditions developed statewide, as a very warm and dry airmass combined with strong and gusty winds. The Salt Lake Int'l Airport set a record high on the 23rd at 101 degrees, and the relative humidity dropped as low as 2 percent.



Explosive Fire Danger Through Monday



Timing

- Saturday through Monday nearly statewide

Details

- Gusty southwest winds and very low humidities
- Very warm temperatures, exceeding 100F in many locations this weekend
- Fuels are at the driest level in the past 20 years
- Lightning and gusty winds near thunderstorms possible Sunday and Monday

Peak Wind Gusts (MPH) 

Snowbasin-Straw Top	64	Vernon Hill	63	Stockton Bar	62
US-6 @ Eureka	61	Durand Road	60	Upper Cedar Mountain	59
Ditto	58	SR-12 @ Boulder Summit	57	Deer Valley-Empire Peak	57
Sundance-Arrowhead	57	Powder Mountain	56	South Mountain	55
Camel Back Mountain	55	I-80 @ Mile Post 78	55	Great Salt Lake Marina	55
Signal Peak	54	Dog Valley	54	Deer Valley-Mt Baldy	54
Diddle Knoll	53	I-80 @ Grassey	53	Chepeta	52
Deer Valley-Bald Eagle	52	Tower Grid	50	Simpson Springs	50

Lake Point I-80	50	Snowbasin-Wildcat	50	St. George	50
English Village	49	Granite Peak	49	Eagle Range	49
Playa Station	49	Tooele	49	West Salt Flats	49
West Salt Flats	49	Baccus Highway	49	Salt Lake Int'l Airport	49
Causeway	48	North Salt Flats	48	Fish Springs	48
Milford Airport	48	Brimstone Reservoir	48	White Sage	48
Fremont Junction	48	Hat Island	47	Bryce Canyon Airport	47
Price Airport	47	Flight Park South	47	Wasatch Hills	46
Torrey	47	Clear Creek Summit	46	Delta Bus Garage	45
Enterprise	45	West Granite	45	Wendover POE	44
Utah Test Range	44	Parleys Summit	44	Sherwood Hills	44
Delta Airport	43	Fillmore	43	Promontory Point	42
Centerville	42	Grantsville	41	Olympus Hills	41
Legacy Parkway	41	Taylorsville	41	Cedar City Airport	41
Oakley	40	Beaver Airport	40	Bluffdale	40



Salt Lake City Ties Record for Driest June



The Salt Lake City Int'l Airport tied their monthly record for the driest June with just a trace of rainfall. The last year that occurred in June was 1994. The month ended with 25 consecutive days with no precipitation at all. That pattern was pretty much the case statewide, which made for explosive fire weather conditions heading into the month of July.





Here's a look at Record Temperatures set for the month of June:



Jun 1st - The month got off to a toasty start, with record high maximums set at 4 locations...Bryce Canyon Airport 80 (80/1977), Cedar City Airport 91 (91/1977), Price 91 (90/1977), and Zion Nat'l Park 102 (102/2006).

Jun 2nd - Eight spots reported record high maximums...Bryce Canyon Airport 82 (81/1960), Cedar City Airport 91 (91/2003), Delta 100 (95/1938), Kanab 95 (95/1960), Salt Lake Int'l Airport 95 (92/1881), Tooele 92 (92/2006), Wendover 93 (93/1913), and Zion Nat'l Park 102 (102/2006).



Jun 3rd - The heat continued, with 8 more record high maximums...Alta 75 (73/2004), Cedar City Airport 92 (91/1996), Delta 99 (93/1994), Hanksville 102 (102/2006), Milford 96 (95/1912), Price 93 (90/2000), Richfield 94 (93/1946), and Utah Test Range 94 (92/1997). There were also 2 record high minimums...Alta 52 (49/1994) and Milford 59 (59/1956).

Jun 4th - Eight more record high maximums fell...Alta 76 (73/2000), Price 95 (93/2004), Richfield 94 (93/1977), Salt Lake Int'l Airport 98 (96/1988), Spanish Fork 94 (94/1988), Tooele 93 (93/2007), Utah Test Range 97 (93/2004), and Wendover 97 (96/1988). There were also 5 record high minimums...Alta 52 (50/1946), Bountiful-Val Verda 67 (64/2004), Price 59 (57/1986), Provo BYU 60 (60/2010), and Utah Test Range 64 (61/2004).

Jun 5th - There was one more mild night before the passage of a vigorous cold front. This led to 3 more record low minimums...Bountiful-Val Verda 68 (65/1988), Cedar City Airport 65 (61/1988), and Hanksville 70 (68/1968).



Jun 6th - Randolph set a new record low minimum for the date with 25 (26/2001).

Jun 11th - Three spots started the day with record low minimums...Brigham City 33 (35/1917), Cedar City Airport 30 (31/1975), and Richfield 33 (33/2002).

Jun 18th - Record high maximum temperatures were set at Bountiful-Val Verda 95 (92/2008), Provo BYU 99 (99/1989), and Utah Test Range 97 (94/1996). There were also 5 record high minimums set...Alpine 59 (59/2003), Ferron 69 (65/1898), Fillmore 72 (67/1974), Laketown 54 (53/1986), and Richfield 63 (63/1922).

Jun 19th - Record high minimum temperatures were set at Capitol Reef N.P. 71 (69/2002) and Ferron 66 (62/2008).



Jun 22nd - Record high minimum temperatures were set at Cedar City Airport 64 (63/1970) and St. George 78 (78/1916).

Jun 23rd - Salt Lake Int'l Airport set a record high maximum with 101 (100/1990). Record high minimum temperatures were set at Alta 55 (55/1001) and Hanksville 77 (70/1963).

Jun 24th - Four spots set record high maximum temperatures...Bountiful-Val Verda 98 (95/2008), Price 98 (97/1990), Provo BYU 100 (100/1994), and Utah Test Range 100 (96/2002). There were also 3 record high minimums set...Laketown 56 (56/1934), Tooele 76 (75/2001), and Salt Lake Int'l Airport 76 (72/1959).

Jun 25th - Record high minimum temperatures were set at Bountiful-Val Verda 75 (75/1990) and Ferron 69 (67/2009).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF JUNE 2012

CLIMATE NORMAL PERIOD 1981 TO 2010
 CLIMATE RECORD PERIOD 1874 TO 2011



WEATHER	OBSERVED	NORMAL	DEPART	LAST YEAR'S
	VALUE	VALUE	FROM	VALUE
	DATE(S)	DATE(S)	NORMAL	DATE(S)

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 TEMPERATURE (F)

RECORD

HIGH	104	06/29/1979, 06/21/1961		
LOW	35	06/07/1962, 06/02/1954, 06/05/1937		
HIGHEST	101	06/28, 06/23	97	06/28
LOWEST	41	06/06	42	06/03
AVG. MAXIMUM	88.3	83.0	5.3	78.9
AVG. MINIMUM	58.8	56.4	2.4	53.4
MEAN	73.6	69.7	3.9	66.2
DAYS MAX >= 90	15	8.0	7.0	5
DAYS MAX <= 32	0	0.0	0.0	0
DAYS MIN <= 32	0	0.0	0.0	0
DAYS MIN <= 0	0	0.0	0.0	0

PRECIPITATION (INCHES)

TOTALS	Trace	0.98	-0.98	1.23
DAYS >= .01	0	5.6	-5.6	3
DAYS >= .10	0	2.7	-2.7	2
DAYS >= .50	0	0.4	-0.4	1
DAYS >= 1.00	0	0.1	-0.1	1

SNOWFALL (INCHES)

TOTALS	0.0	0.0	0.0	0
SINCE 7/1	24.8	56.2	-31.4	68.4

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
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DEGREE DAYS

HEATING TOTAL	38	46	-8	70
SINCE 7/1	5012	5607	-595	5759
COOLING TOTAL	301	187	114	115
SINCE 1/1	379	237	142	115

WIND (MPH)

AVERAGE WIND SPEED	9.8		
HIGHEST WIND SPEED/DIRECTION	39/290	DATE	06/05
HIGHEST GUST SPEED/DIRECTION	49/280	DATE	06/05

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	0	RAIN	2
HAIL	0	SNOW	0
FOG	0	FOG W/VIS <= 1/4 MILE	0
HAZE	3		

- INDICATES NEGATIVE NUMBERS.

R INDICATES RECORD WAS SET OR TIED.

MM INDICATES DATA IS MISSING.

T INDICATES TRACE AMOUNT.



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