



# Utah Climatic Summary

## June 2016



### Precipitation and Snowfall Reports for the Month of June



Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Alpine	0.48	1.11	43	-	-	-
Alta	1.07	2.26	47	0.0	5.3	0
Altamont	0.38	0.77	49	-	-	-
Alton	0.10	0.49	20	-	-	-
Angle	0.05	0.65	8	-	-	-
Big Water	0.02	0.25	8	-	-	-
Boulder	0.74	0.40	185	-	-	-
Bountiful Bench	0.29	-	-	-	-	-
Brigham City	0.87	1.14	76	-	-	-
Bryce Canyon N.P.	1.25	0.58	216	0.0	0.2	0
Bullfrog Basin	0.10	0.14	71	-	-	-
Capitol Reef Nat'l Park	0.24	0.45	53	-	-	-
Castle Dale	0.00	0.49	0	-	-	-
Cedar Breaks N.M.	0.05	-	-	-	-	-
Centerville	0.57	-	-	-	-	-
City Creek	0.45	1.65	27	-	-	-
Clearfield	0.61	-	-	-	-	-
Coalville 13 E	0.54	1.24	44	-	-	-
Cottonwood Weir	0.95	1.54	62	-	-	-
Cutler Dam	0.88	1.21	73	-	-	-
Deer Creek Dam	0.25	1.30	19	-	-	-
Duchesne	0.18	0.77	23	-	-	-
Echo Dam	0.35	1.28	27	-	-	-
Eden	0.60	-	-	-	-	-
Ephraim	0.11	0.80	14	-	-	-
Escalante	0.24	0.46	52	-	-	-
Ferron	0.00	0.52	0	-	-	-
Fillmore	0.03	0.91	3	0.0	0.1	0
Fremont Indian S.P.	0.10	0.72	14	-	-	-
Hans Flat	0.21	0.47	45	-	-	-
Hanksville	0.05	0.29	17	-	-	-
Hatch	0.17	0.49	35	0.0	0.2	0

Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Kanab	0.21	0.34	62	-	-	-
Kodachrome Basin	0.42	0.38	110	-	-	-
Levan	0.23	0.87	26	-	-	-
Loa	0.03	0.69	4	-	-	-
Logan Radio	1.03	1.25	82	-	-	-
Logan USU	0.65	1.36	48	-	-	-
Manti	0.69	1.06	65	-	-	-
Mountain Dell	0.80	1.80	44	-	-	-
Milford	0.15	0.58	26	-	-	-
Myton	0.00	-	-	-	-	-
Neola	0.76	0.69	110	-	-	-
Nephi	0.14	0.96	15	-	-	-
Ogden NE Bench	0.47	-	-	-	-	-
Panguitch	0.10	0.53	19	-	-	-
Park City Library	0.98	-	-	-	-	-
Pineview Dam	0.67	1.81	37	-	-	-
Plymouth	0.22	1.04	21	-	-	-
Provo BYU	0.14	1.20	12	-	-	-
Randolph	0.26	1.12	23	0.0	0.1	0
Richfield	0.25	0.66	56	-	-	-
Salt Lake Int'l Airport	0.52	0.98	53	-	-	-
Salt Lake Triad Center	0.34	1.13	30	-	-	-
Santaquin	0.18	1.19	15	-	-	-
Scipio	0.46	-	-	-	-	-
Scofield-Skyline Mine	0.64	1.14	56	0.0	0.5	0
Silver Lake Brighton	1.43	1.93	74	0.0	2.5	0
Snyderville	0.80	1.42	56	-	-	-
South Ogden	0.54	-	-	-	-	-
South Salt Lake	0.79	-	-	-	-	-
Spanish Fork	0.17	1.21	14	-	-	-
Stansbury Park	0.41	-	-	-	-	-
Summit	0.04	-	-	-	-	-
Sunnyside	0.30	-	-	-	-	-
Trenton	0.48	1.25	38	-	-	-
Upper Millcreek	0.97	-	-	-	-	-
Utah Lake Lehi	0.21	0.79	27	-	-	-
Wanship Dam	0.34	1.23	28	-	-	-
Weber Basin Pump 3	0.38	1.82	21	-	-	-
Wellington 3 E	0.11	0.57	19	-	-	-

**Jun 6th** - Scattered showers and thunderstorms developed during the afternoon and evening over northern Utah, with most producing strong gusty winds and spotty rainfall. Gusty canyon winds developed along the northern Wasatch Front during the evening.



Courtesy Danna Hyer

Above: Precipitation falling over the Salt Lake Valley but evaporating before reaching the ground (Virga).

**Precipitation Totals (inches)** 

Coalville	0.22	Weber River/Echo	0.11	Kaysville	0.10
Huntsville	0.10	Altonah	0.09	West Fork Blackfork	0.06
West Valley City	0.06	Yellowstone Drainage	0.05	Layton	0.04
Fruit Heights	0.04	Wanship Dam	0.03	Chepeta	0.03
Bountiful Bench	0.02	South Weber	0.02	Murray	0.02
Morgan-UDOT	0.02	Weber River/Morgan	0.02	Park City	0.02
Oakley	0.02	Swansons Env Center	0.01	Hill A.F.B.	0.01
South Ogden	0.01	Beus Canyon	0.01	Ogden	0.01

**Peak Wind Gusts (MPH)** 

US-89 @ Park Lane	59	Ogden Peak	58	Snowbasin-Straw Top	57
Rosebud	56	I-15 @ Willard POE	55	University of Utah	55
Harrisville-UDOT	54	Farmington	52	Centerville	51
I-15 @ 2400 South	50	KSL Triad	50	Logan Airport	48
Legacy Parkway	48	Hill A.F.B.	48	Layton	47
Weber Canyon Power	47	Logan Summit	47	I-84 @ Devils Slide	46
Otter Creek	46	Chepeta	46	South Ogden	45
I-15 @ Tremonton	45	Vernon Hill	45	Wendover POE	44
Brigham City	44	Syracuse	43	Olympus Hills	43
Salt Lake Int'l Airport	43	I-15 @ Scipio Summit	43	Lake Point	42
Burmester	42	Silver Creek Junction	42	Brimstone Reservoir	42
Bountiful Bench	41	Ogden Airport	40	I-84 @ Riverdale Rd	40

**Jun 11th-12th** - An upper-level storm system and associated cold front produced showers and thunderstorms statewide for a couple of days. Some of the storms were severe, producing damaging winds and large hail. Two trees were toppled in Richfield, with thunderstorm winds also downing 10 Aspens, a Cottonwood tree, and displacing a garage and damaging a roof and other structures near Kamas on the 11th.



Courtesy Chase Thomason



Courtesy Kory B

Above (Left): Ping-pong ball sized hail in Willard. (Right): Large hail from a severe thunderstorm in Perry.  
Below: Severe thunderstorm crossing the west deserts near Interstate 80 in Tooele County.



Courtesy Charles Uibel



Above: Severe thunderstorm with partial rainbow over the west desert near I-80 in Tooele county.  
Below: Same storm with a full rainbow as it moves away northeast on its way to the northern Wasatch Front.





Courtesy Blake Thurgood



Courtesy Blake Thurgood

Above (Left): Heavy rain and small hail in Perry. (Right): Hail accumulation with street flooding in Perry.  
Below: Several hailstones the size of ping-pong balls measured in the town of Willard.



Courtesy Chase Thomason

**Precipitation Totals (inches)**

Clifton Flat	1.40	St. George 4 NNW	0.90	Rays Valley	0.86
Cottonwood Heights	0.84	Draper	0.74	Eagle Lake	0.74
Alta-Base	0.71	St. George	0.71	Sandy	0.68
Tickville	0.67	Magna	0.66	Aspen Grove	0.64
Alpine	0.63	West Point	0.60	Hill A.F.B.	0.59
Clearfield-UDOT	0.59	Cedar Hills	0.59	Brigham City	0.58
Alta-Collins	0.58	Center Tailings	0.55	Swansons Env Center	0.55
South Ogden	0.53	Syracuse	0.53	Olympus Cove	0.52
Aragonite	0.52	Perry	0.50	Eden	0.50
Holladay	0.50	Roy	0.48	Salt Lake City	0.48
NE Ogden Bench	0.44	Riverton	0.43	West Haven	0.43
Layton	0.42	Olympus Hills	0.41	Wendover Airport	0.41
Moon Lake	0.40	Sundance	0.40	Centerville	0.40
West Jordan	0.40	Upper Millcreek	0.40	Pleasant Grove	0.39
Kearns	0.38	South Jordan	0.38	Herriman	0.37
North Ogden	0.37	Bountiful Bench	0.37	Rosebud	0.37
Heber City	0.37	Murray	0.35	Utah Test Range	0.35
Delta	0.34	Harrisville-UDOT	0.34	Farmington	0.34
Fruit Heights	0.33	Salt Lake Int'l Airport	0.32	Jensen Spring	0.31
LBW Paradise	0.31	North Salt Lake	0.30	Kaysville	0.30
Mud Spring	0.30	LBW Southfork	0.30	South Salt Lake	0.29
Hyde Park	0.29	Weber River/Morgan	0.29	Oakley	0.28
Oasis	0.28	Logan Campbell HQ	0.28	Garland 1 SE	0.27
West Weber	0.27	Wellsville	0.27	Mendon	0.27
Emigration Canyon	0.26	Providence	0.26	Richmond	0.25
South Weber	0.25	Rush Valley	0.24	Eagle Range	0.24
Tremonton	0.23	Smithfield	0.22	Tooele	0.22
Veyo Powerhouse	0.22	Thatcher	0.20	Lehi	0.19
Sevier Reservoir	0.18	Kanab	0.17	Spanish Fork	0.16
Monroe	0.16	Spring City	0.14	Huntsville	0.10

**Peak Wind Gusts (MPH)**

I-70 @ Salina	80	Signal Peak	72	Jensen Spring	65
Ogden Peak	61	Dry Ridge	54	Dog Valley	53
US-40 @ Starvation	54	Simpson Springs	52	Diddle Knoll	52
Strawberry-Straw Top	52	Hat Island	51	Camelback Mountain	50
SR-248	50	Sundance-Arrowhead	50	Lynndyl	50
Clifton Flat	49	Milford Airport	49	Boulder Summit	49
I-80 @ MP 78	48	I-80 @ Grassey	48	West Granite	48
Baker Lab	47	Chepeta	47	Vernon Hill	46
Venice	46	SR-72 @ Hogan Pass	46	Brimstone Reservoir	46
Lakeside Mountain	45	US-40 @ Daniels Smt	45	Torrey	45
Fish Springs	45	Fillmore Airport	45	Fremont Junction	45
Dugway-APG	45	Oakley	44	Horse Hollow	43
I-15 @ Pine Creek Hill	43	Groome	43	Sandy	42
Skyline	42	Greeneville Bench	42	Promontory Point	42
Soldier Summit	41	Brian Head 2 S	41	Fremont Island	41
Oak City	40	St. George Airport	40	U.S. 6 @ Eureka	40

**Jun 13th** - Scattered thunderstorms developed across most of Utah, with some of them becoming severe across northern Utah. Large hail, strong winds, and localized urban street flooding was reported in Salt Lake County. The hail was large enough in areas of the Salt Lake valley to produce damage to vehicles and property.



Courtesy Chase Thomason



Courtesy Renee Layton

Above (Left): Large hailstones that damaged cars in Kearns . (Right): Hailstones from West Valley/West Jordan.  
Below: Hail damage to a gazebo at a home in West Valley City.



Courtesy Mike S



Courtesy Brooke Smith

Above: **Street flooding from heavy rain and hail in Midvale.**  
Below: **Parking lot at the Fashion Place Mall flooded by heavy rain.**



Courtesy John Strate



Courtesy Chase Thomason



Courtesy Renee Layton

Above (Left): Variety of large hailstones in Kearns . (Right): Hail that fell in West Valley City/West Jordan.  
Below: Hailstones as large as ping-pong balls and golf balls were reported in Kearns.



Courtesy Marc Sternfield



Courtesy Rick Aaron

Above: Motorist stranded in floodwaters under a bridge in Midvale.

Below: Another flooded underpass in the city of Midvale.

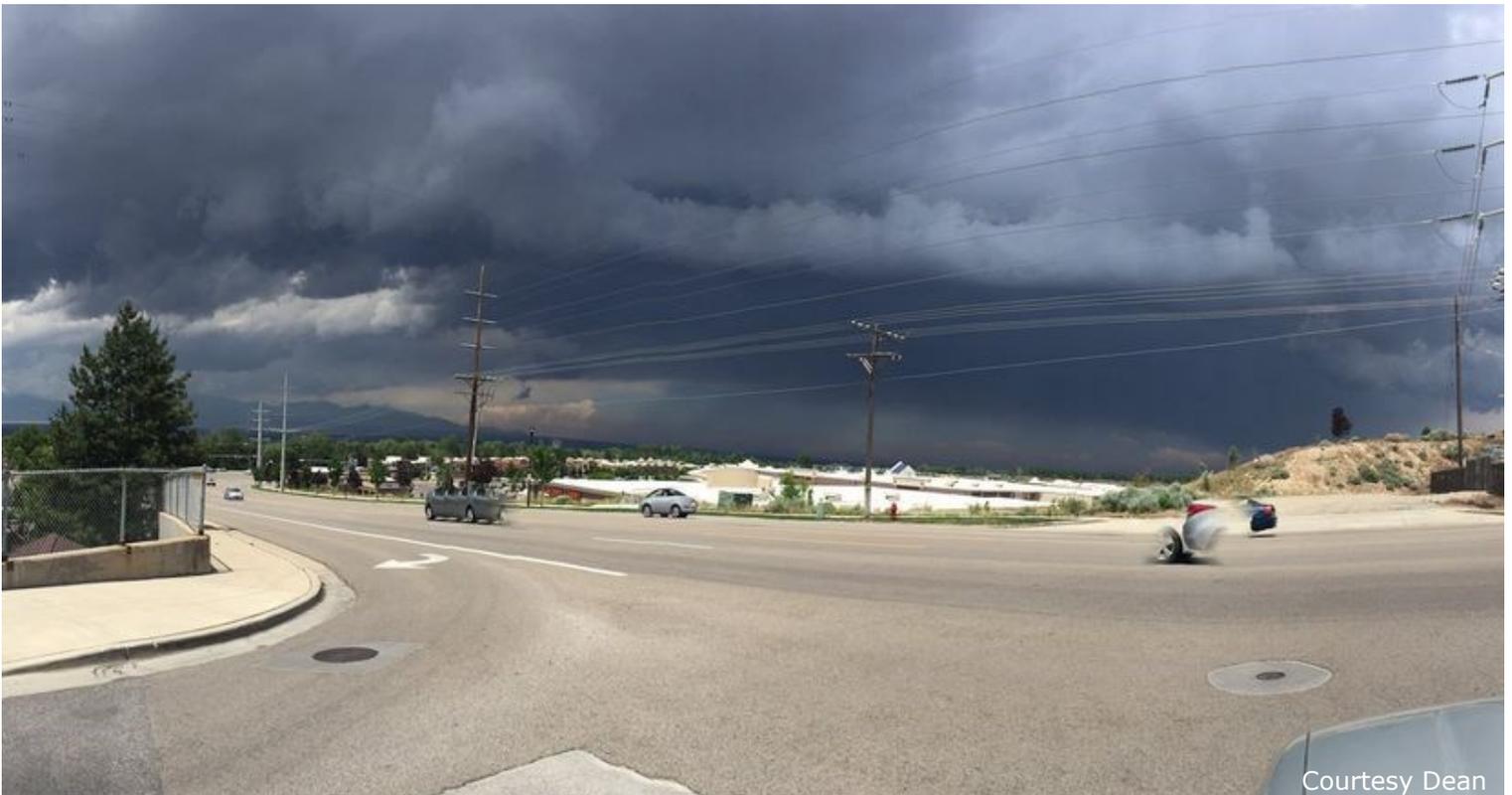


Courtesy AJ Lucero



Above: **Funnel cloud from a severe thunderstorm over the west deserts near Wendover.**

Below: **Severe thunderstorm that dropped heavy rain and large hail over the Salt Lake Valley.**



**Precipitation Totals (inches)**

Holladay	1.25	Murray	1.11	North Holladay	0.94
North Holladay	0.92	Cottonwood Heights	0.78	Salt Lake City	0.72
Great Salt Lake Marina	0.63	Taylorsville	0.61	Olympus Cove	0.60
Olympus Hills	0.59	West Jordan Bench	0.59	Kearns	0.56
Alta-Base	0.53	South Salt Lake	0.45	West Jordan	0.44
Alta-Guard	0.43	Alta-Collins	0.39	West Valley City	0.38
Park City	0.37	Moon Lake	0.34	Riverside-UDOT	0.31
Fruitland	0.30	Kodachrome Basin	0.30	South Jordan	0.28
Sandy	0.28	Mendon	0.28	Horse Ridge	0.26
Blacktail	0.24	Brigham City	0.23	Aspen Mountain	0.23
Rays Valley	0.21	Kimberly Mine	0.20	Smith & Morehouse	0.20
Salt Lake Int'l Airport	0.19	Riverton	0.19	Tabiona	0.18
Magna	0.18	Tooele	0.18	Heber City 6 E	0.18
Bruin Point	0.18	Snowville	0.18	Draper	0.17
Wellsville	0.16	Herriman	0.16	Red Spur	0.16
City Creek	0.16	Bear River	0.16	Emigration Canyon	0.15
Deer Valley-Ruby	0.15	Oakley	0.15	Lewiston	0.14
Tickville	0.14	Rush Valley	0.14	Randolph-UDOT	0.14
Alpine	0.13	Wanship Dam	0.13	Cedar Hills	0.12
Clifton Flat	0.12	Spring City	0.12	Henry Mountain	0.12
Corinne	0.11	Tooele 2	0.11	Wendover Field	0.11
Romeo & Centerline	0.11	Uintalands	0.11	Wellington 3 E	0.11
KSL Triad	0.10	Pleasant Grove	0.10	Ben Lomond Trail	0.10
Lakefork #1	0.10	Hole-In-Rock	0.10	Agua Canyon	0.10
Mammoth-Cottonwood	0.10	Daniels-Strawberry	0.10	Alpine	0.08
Torrey	0.06	Randolph	0.05	Laketown	0.02

**Peak Wind Gusts (MPH)**

Gunnison Island	69	Camel Back Mtn	69	Boulder Mountain	66
Vernon Hill	61	Lakeside Mountain	59	Sevier Reservoir	59
Fremont Mountain	57	Sherwood Hills	57	Snowbasin-Straw Top	57
Ogden Peak	56	SR-201 @ I-80	56	White Sage	56
Baker Lab	55	Bullfrog Marina	55	Fillmore Airport	54
Great Salt Lake Marina	54	Upper Cedar Mtn	54	Canyons-Lookout	54
Telegraph Flat	52	Henry Mountain	52	NW Decon Pad	52
Salt Flats	52	SR-72 @ Hogan Pass	52	US-40 @ Starvation	51
Powder Mountain	51	Wasatch Hills	51	English Village	50
G.S.L. Minerals	49	Causeway	49	Snowbasin-Wildcat	49
Fish Springs	49	Dugway-APG	48	Five Mile	48
West Granite	48	Promontory Point	47	Brigham City Airport	46
I-15 @ Willard POE	45	I-80 @ Grassey	45	Green River	45
Spooky	44	Dog Valley	44	Wellsville	44
I-15 @ Tremonton	43	Hat Island	43	Fillmore	43
Brian Head 2 S	43	Diddle Knoll	42	Clear Creek Summit	42
Garden City	41	Weber Canyon Power	41	Milford Airport	41
Silver Creek Junction	41	Price Airport	40	I-15 @ Beer Creek	40
Harrisville-UDOT	40	Center Tailings	40	Vernon	40

**Jun 30th** - Thunderstorms developed statewide during the afternoon and evening hours. Some storms produced heavy rain across portions of southern Utah, with flash flooding reported in Zion National Park on Clear Creek. Most slot canyons were flooding in the southeast portions of the park, and many waterfalls were spotted near Twin Brothers. One storm west of Hinckley managed to spawn a small funnel cloud.



Courtesy Greg Leshner

Above Funnel cloud extending from a thunderstorm just west of Hinckley.

Below: (Left): Heavy rain shaft near the town of Wellington. (Right): Multiple rain shafts near Monument Valley.



Courtesy Dan Pope



Courtesy Dan Pope



Courtesy Andrea K

Above: A strong thunderstorm kicking up quite a bit of dust as it approaches the city of Herriman.

**Precipitation Totals (inches)** 

Larb Hollow	0.77	West Fork Blacksfork	0.68	Hewinta	0.62
Parowan 10 NW	0.54	Cottonwood Mtn	0.51	Cedar City 3 W	0.50
White Reef	0.47	Henry Mountain	0.47	Interstate 80	0.37
St. George East Ridge	0.33	Norway	0.32	West Salt Flats	0.30
Brimstone Reservoir	0.27	St. George	0.26	Sevier Reservoir	0.26
Bear Lake	0.26	Camel Back Mtn	0.25	Bruin Point	0.25
Manti-Portable #4	0.25	Buck Flat	0.24	Glendale/Virgin River	0.24
Glendale/Virgin River	0.24	Silver Falls	0.24	40 Mile Ridge	0.24
Park City	0.24	Chepeta	0.23	Monroe	0.22
St, George Airport	0.20	Moon Lake	0.17	Enterprise	0.17
Mud Spring	0.17	Provo	0.15	Parowan	0.14
Capitol Reef N.P.	0.13	Cedar City	0.12	Panguitch	0.12
Mendon	0.10	Bountiful	0.10	Orem	0.10
Saratoga Springs	0.10	Laketown-UDOT	0.10	Oak City	0.10
Huntsville	0.09	Rush Valley	0.08	Torrey	0.08
Zion National Park	0.07	Bullfrog Marina	0.06	Randolph-UDOT	0.06
Ogden	0.05	Brigham City	0.05	Taylorsville	0.05
Cedar Hills	0.05	Rosebud	0.05	Eden	0.05
Centerville	0.04	Aspen Grove	0.03	Tabiona	0.02

**Peak Wind Gusts (MPH)** 

Causeway	59	Brimstone Reservoir	58	Groome	53
West Salt Flats	50	I-80 @ MP 1	50	I-84 @ Devils Slide	48
Fish Springs	47	White Reef	47	Wendover POE	46
Rosebud	46	Bullfrog Marina	44	Hogup	41
Wendover Airport	41	SR-30 @ Curlew	40	Slduro	40



## High Temperature Records For the Month of June



**Jun 2nd** - Cedar City tied a record maximum temperature with a high of 91 (91/2012).

**Jun 3rd** - Cedar City tied a record maximum temperature with a high of 92 (92/2012).

**Jun 4th** - Cedar City once again tied their record high temperature with a high of 94 (94/1996), while Kanab broke their record high maximum with 97 degrees (96/2000).

**Jun 5th** - Record high maximums were reached at Alta 75 (75/2000), Bullfrog 101 (101/2006), Cedar City 96 (93/1996), Kanab 100 (98/1957) and St. George 107 (105/1996).

**Jun 6th** - Record high maximums were set at Bullfrog 101 (101/2006), Provo BYU 98 (98/2006), Salt Lake Int'l Airport 97 (95/2006) and Tooele 95 (94/2006). High minimum records were set at Fillmore 67 (66/1946), Provo BYU 64 (60/2010), Salt Lake Int'l Airport 68 (67/1950), Utah Test Range 57 (56/2006) and Wendover 72 (72/1938).

**Jun 7th** - Record high minimums were reached at Provo BYU 65 (64/2006), Randolph 45 (45/2006), Salt Lake Int'l Airport 70 (69/2006) and Spanish Fork 67 (62/2006).

**Jun 8th** - Wendover set a record high maximum with 97 degrees (96/1981). High minimum records were set at Bullfrog 75 (75/2004) and Fillmore 64 (62/2004).

**Jun 9th** - Salt Lake Int'l Airport set a record high minimum with a low of 74 (69/2003).

**Jun 19th** - Ferron tied their record high minimum temperature with a low of 94 (94/2002).

**Jun 20th** - Record high maximum temperatures were set at Alpine 98 (95/1988), Alta 79 (75/2007), Bullfrog 107 (107/1968), Cedar City Airport 100 (97/1981), Escalante 102 (97/2016), Kanab 102 (102/1961), Provo BYU 102 (96/2007), Randolph 87 (86/1998), and Spanish Fork 100 (100/1922).

**Jun 21st** - Record high maximums were set at Cedar City Airport 102 (101/1961) and Kanab 105 (105/1961). High minimums were set at Alta 55 (55/1999) and Wendover 75 (74/1958).

**Jun 27th** - Cedar City set a record maximum temperature with a high of 100 (98/2013).

**Jun 28th** - Record high maximums were set at Ferron 97 (96/2013), Randolph 91 (89/2013) and Tooele 98 (98/2007). High minimum records were set at Alta 58 (53/1979) and Cedar City Airport 69 (65/1988).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF JUNE 2016

CLIMATE NORMAL PERIOD 1981 TO 2010  
 CLIMATE RECORD PERIOD 1874 TO 2013



WEATHER	OBSERVED VALUE	DATE(S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEARS VALUE	DATE(S)
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TEMPERATURE (F)						
RECORD						
HIGH	105	06/29/2013, 06/28/2013				
LOW	32	06/06/1914				
HIGHEST	103	06/28			104	06/29
LOWEST	55	06/16, 06/12			54	06/07
AVG. MAXIMUM	90.9		83.0	7.9	90.4	
AVG. MINIMUM	64.0		56.4	7.6	64.5	
MEAN	77.5		69.7	7.8	77.5	
DAYS MAX >= 90	20		8.0	12.0	3	
DAYS MAX <= 32	0		0.0	0.0	3	
DAYS MIN <= 32	0		0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	
PRECIPITATION (INCHES)						
TOTALS	0.52		0.98	-0.46	0.65	
DAYS >= .01	3		5.6	-2.6	3	
DAYS >= .10	2		2.7	-0.7	3	
DAYS >= .50	0		0.4	-0.4	0	
DAYS >= 1.00	0		0.1	-0.1	0	
SNOWFALL (INCHES)						
TOTALS	0.0		0.3	0.0	0.0	
SINCE 7/1	34.3		56.2		15.4	

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
DEGREE DAYS				
HEATING TOTAL	0	46	-46	0
SINCE 7/1	4822	5607	-785	4363
COOLING TOTAL	380	187	193	380
SINCE 1/1	427	237	190	411

WIND (MPH)

AVERAGE WIND SPEED	9.2		
HIGHEST WIND SPEED/DIRECTION	38/200	DATE	06/15
HIGHEST GUST SPEED/DIRECTION	49/210	DATE	06/15

WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	3	RAIN	3
HAIL	0	SNOW	0
FOG	2	FOG W/VIS <= 1/4 MILE	0
HAZE	7		

- INDICATES NEGATIVE NUMBERS.
- R INDICATES RECORD WAS SET OR TIED.
- MM INDICATES DATA IS MISSING.
- T INDICATES TRACE AMOUNT.

# Salt Lake City Ties Warmest June on Record

June 2016 tied June 2015 as the warmest June in Salt Lake City since records began in 1874.

Here are more records from June 2016:

## Tied for Highest:

- June Average temperature (77.5°)
- Number of Days in June with highs 90° or above (20 days, also occurred in 1961)

## 2<sup>nd</sup> Highest:

- June Average Maximum Temperature: 90.9° (June 1961 was higher at 92.2°)
- June Average Minimum Temperature: 64.0° (June 2015 was higher at 64.5°)