



# Utah Climatic Summary

## June 2015



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

Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Alpine	0.96	1.11	86	-	-	-
Alta	3.02	2.26	134	0.0	5.3	0
Angle	0.20	-	-	-	-	-
Altamont	0.32	-	-	-	-	-
Alton	0.48	0.49	98	-	-	-
Beaver Canyon	0.86	1.09	79	0.0	0.8	0
Big Water	1.54	0.25	616	-	-	-
Boulder	2.31	0.40	577	-	-	-
Bountiful Bench	0.18	-	-	-	-	-
Brigham City	Trace	1.14	0	-	-	-
Bryce Canyon	0.60	0.58	103	0.0	0.2	0
Bullfrog Basin	1.37	0.14	979	-	-	-
Capitol Reef Nat'l Park	1.39	0.45	309	-	-	-
Castle Dale	1.10	0.49	224	-	-	-
Cedar City	0.64	0.53	121	0.0	0.2	0
Centerville	0.61	-	-	-	-	-
City Creek	0.14	1.65	9	-	-	-
Clearfield	0.26	-	-	-	-	-
Coalville 13 E	0.15	1.24	12	-	-	-
Cottonwood Weir	0.64	1.54	42	-	-	-
Cutler Dam	0.19	1.21	16	-	-	-
Deer Creek Dam	0.32	1.30	25	-	-	-
Duchesne	0.08	0.77	10	-	-	-
Echo Dam	0.48	1.28	38	-	-	-
Eden 2 N	0.50	-	-	-	-	-
Ephraim	0.91	0.80	114	-	-	-
Escalante	0.94	0.46	204	-	-	-
Ferron	1.42	0.52	273	-	-	-
Fillmore	2.96	0.91	325	0.0	0.1	0
Fremont Indian S.P.	3.03	0.72	421	-	-	-

Station	Precipitation	Normal	% of Normal	Snowfall	Normal	% of Normal
Hanksville	1.01	0.29	348	-	-	-
Hans Flat	2.48	0.47	528	-	-	-
Hatch	0.74	0.49	151	0.0	0.2	0
Helper-Carbon	0.34	0.70	49	-	-	-
Kanab	0.71	0.34	209	-	-	-
Kodachrome Basin	0.90	0.38	237	-	-	-
Levan	0.43	0.87	49	-	-	-
Loa	0.67	0.69	97	-	-	-
Logan USU	1.72	1.36	126	-	-	-
Manti	0.56	1.06	53	-	-	-
Milford	1.10	0.58	190	-	-	-
Mountain Dell	0.94	1.80	52	-	-	-
Neola	0.94	0.69	136	-	-	-
Nephi	0.18	0.96	19	-	-	-
Ogden NE Bench	0.07	-	-	-	-	-
Panguitch	1.01	0.53	191	-	-	-
Pineview Dam	0.25	1.81	14	-	-	-
Provo BYU	0.86	1.20	72	-	-	-
Randolph	0.83	1.12	74	0.0	0.1	0
Richfield	0.94	0.66	142	-	-	-
Richmond	0.18	1.39	13	-	-	-
Salt Lake Int'l Airport	0.65	0.98	66	-	-	-
Salt Lake Triad Center	0.51	1.13	45	-	-	-
Santaquin	0.11	1.19	9	-	-	-
Scofield-Skyline	0.88	1.14	77	0.0	0.5	0
Silver Lake Brighton	1.22	1.93	63	0.0	2.5	0
Snyderville	0.89	-	-	-	-	-
South Ogden	0.99	-	-	-	-	-
South Salt Lake	0.52	-	-	-	-	-
Spanish Fork	0.12	1.21	10	-	-	-
Stansbury Park	0.38	-	-	-	-	-
Trenton	0.45	1.25	36	-	-	-
Upper Millcreek	0.67	-	-	-	-	-
Utah Lake Lehi	0.47	0.79	59	-	-	-
Wanship Dam	0.55	1.23	45	-	-	-
Weber Basin Pump 3	0.86	1.82	47	-	-	-
Wellington 3 E	1.49	0.57	261	-	-	-
Woodruff	0.88	1.06	83	0.0	0.1	0

**June 1st** - Very strong south winds developed across the state ahead of a dry cold front. A few high-based thunderstorms formed along the front, adding to the wind speeds. The town of Portage in Box Elder County had quite a bit of tree, shingle and shed damage. One person was injured.



Courtesy Jaycee Taylor



Courtesy Brett Benson

Above (Left): Large trees damaged by wind in Portage. (Right): Wind damage in Portage to a shed awning.

**Peak Wind Gusts (MPH)**



Interstate 80	66	West Salt Flats	66	I-84 @ Whites Valley	62
Sundance-Arrowhead	62	Windy Peak	62	SR-30	62
Rosebud	61	SR-65 @ Big Mtn Pass	60	Mountain View	57
SR-30 @ Curlew	57	I-15 @ Tremonton	56	Eagle Range	56
Vernon Hill	55	Causeway	55	Ogden Peak	55
Promontory Point	54	Lofty Lake Peak	54	Clearfield-UDOT	54
Bothwell	54	I-15 @ Plymouth	54	Logan Airport	52
Great Salt Lake Marina	52	Blue Creek	52	Tooele	51
Olympus Hills	51	Diddle Knoll	51	Garden City	51
US-40 @ Starvation	51	Chepeta	50	Camel Back Mountain	50
Powder Mountain	50	U.S. 6 @ Eureka	49	Weber Canyon Power	49
Mantua	49	Blue Creek	49	Callao Gate	49
Flight Park South	49	Fremont Junction	49	Hat Island	48
Salt Lake Airport #2	48	Lake Point	48	Brian Head 2S	48
Park Valley	47	Farmington	46	Centerville	46
Brigham City Airport	45	University of Utah	45	Milford Airport	45
Scipio Summit	45	Boulder Summit	45	Ogden Airport	44
Sherwood Hills	44	Brimstone Reservoir	43	Wellsville	42
Grantsville	42	Hanksville	41	Salt Lake Int'l Airport	41
Hill A.F.B.	40	Cedar City Airport	40	Delta Airport	40

**June 3rd-4th** - Scattered showers and thunderstorms developed across northern Utah, with some storms producing damaging wind and large hail. The wind downed some trees in the Cache Valley just south of Logan and in Garland. Hail the size of nickels fell from that storm as well. Hail the size of ping pong balls was reported near Promontory, and a funnel cloud was spotted in the Cache Valley.



Top (Left): A funnel cloud extends from a severe thunderstorm in the Cache Valley west of Hyrum.

Bottom (Left): Damaging wind gusts topple a large tree onto a vehicle in the town of Garland.

Top (Right): Dangerous cloud-to-ground lightning strike in the town of Smithfield.

Middle (Right): Spectacular view of a cloud-to-cloud lightning strike near the town of Richmond.

Bottom (Right): Amazing photograph of cloud-to-air lightning along the northern Wasatch Front.

## Precipitation Totals (inches)

Clarkston	0.75	Lewiston	0.52	Otter Creek	0.45
North Logan	0.35	Providence	0.34	Richmond-UDOT	0.31
Randolph-UDOT	0.19	Hyde Park	0.15	Red Spur	0.14
Logan Airport	0.13	Tremonton	0.13	Tooele	0.09
Park Valley	0.08	Bothwell	0.08	Rosebud	0.07
Garland 1 SE	0.06	Snowville	0.06	Great Salt Lake Marina	0.05
Stockton	0.05	Oakley	0.05	Morgan	0.05

## Peak Wind Gusts (MPH)

SR-65 @ Big Mtn Pass	78	Mtn View/Dannon Way	71	Legacy Parkway	66
I-15 @ Plymouth	65	Baccus Highway	64	SR-30 @ Curlew	64
Promontory Point	60	North Salt Flats	60	Ogden Peak	60
SR-30	59	I-15 @ Tremonton	58	Trans-Jordan Landfill	58
Windy Peak	58	University of Utah	57	Bothwell	55
Gunnison Island	55	Wellsville	54	Park Valley	54
Salt Lake Int'l Airport	53	English Village	53	Centerville	52
Chaulk Hill	51	Lakeside Mountain	49	West Granite	48
Tremonton	47	Hat Island	46	Taylorsville	45
Brigham City Airport	45	Logan Airport	45	Sherwood Hills	43
Farmington	41	Great Salt Lake Marina	41	Morgan	40

**June 6th-7th** - Scattered thunderstorms developed over most of Utah during the afternoon and evening hours. Some of the storms produced flash flooding, hail, and even a tornado. The tornado occurred over open country, so there were no injuries or damage. A major flash flood occurred on Lake Powell, damaging several boats. Quarter size hail and flash flooding was reported at Capitol Reef National Park, with flash flooding and road damage occurring just east of Kanab and near Goblin Valley State Park.



Courtesy of Vernon

Above: Tornado near Whitehorse in San Juan County. It remained on the ground for several minutes.



Courtesy Dennis Slavensky



Courtesy Dennis Slavensky

Above: Large flash flood pours down Crystal Springs Canyon on Lake Powell, damaging several boats.

**Precipitation Totals (inches)** 

Hans Flat RS	2.19	Riverton	2.02	Draper 2WNW	1.51
Henry Mountain	1.51	Orem	1.21	Capitol Reef N.P.	1.06
Manti Portable #1	1.05	Buck Flat	1.05	Boulder	1.04
Emigration Canyon	1.04	South Jordan	0.98	Larb Hollow	0.98
Tickville	0.95	Fishlake	0.95	Milford	0.92
Fillmore	0.90	Eyring Science Center	0.87	Tooele	0.87
Provo	0.85	Milford Airport	0.83	Grassey Lake	0.83
West Valley City	0.78	Joes Valley	0.77	Silver Lake Brighton	0.76
Bullfrog Basin	0.72	Summit Park	0.71	Provo BYU	0.69
Taylorville	0.68	Sandy	0.65	Price Airport	0.65
Magna	0.64	Bullfrog Marina	0.63	Saratoga Springs	0.62
Park City	0.62	Bryce Canyon Airport	0.60	Loa	0.60
Herriman	0.57	Green River	0.57	Venice	0.56
Telegraph Flat	0.56	Escalante	0.55	Flattop Mountain	0.54
Clifton Flat	0.54	Fountain Green	0.54	West Jordan	0.54
Olympus Cove	0.53	Capitol Reef N.P.	0.50	Taylorville	0.48
Murray	0.48	Signal Peak	0.48	Lehi	0.47
Alta	0.47	San Rafael/Green Rvr	0.47	Rays Valley	0.46
Kearns	0.46	Vernon	0.43	Holladay	0.42
Randolph	0.42	South Salt Lake	0.41	Tabiona	0.41
Kodachrome Basin S.P.	0.40	Salt Lake Int'l Airport	0.37	Olympus Hills	0.37
SLC Upper Avenues	0.37	Brimstone Reservoir	0.36	Muddy Creek/Emery	0.33
New Harmony	0.33	Spring City	0.31	Cedar City 3 W	0.30
Joes Valley	0.30	Circleville	0.30	Snowville	0.30
Stockton	0.29	American Fork	0.28	Wanship Dam	0.28
Zion National Park	0.27	Circleville	0.25	Bountiful	0.17

**June 10th-11th** - Strong thunderstorms developed across portions of the Beehive State, with several of them producing very heavy rain which lead to flash flooding. The heaviest rain fell over the Cache Valley, northern Wasatch Front, the Wasatch Plateau, and the central and southern Utah mountains. Heavy rain produced flooding in Castle Dale, Orangeville, Abraham, the northern Wasatch Front, and in San Juan County. Small hail also accompanied some of the storms.



Courtesy Geoff Liesik



Courtesy Geoff Liesik

Above (Left): Street and yard flooding in Castle Dale. (Right): Road and fields flooded in Castle Dale.



Courtesy Kevin Butler



Courtesy Kevin Butler



Courtesy Jason Dyer



Courtesy Chase Thompson



Courtesy Greg Leshner



Courtesy Greg Leshner

Top (Left): Water and mud flash flood in Orangeville. (Right): Street and yard flooding in Orangeville.  
Middle (Left): Heavy rain and small hail in Farmington. (Right): Heavy rain shaft over the Salt Lake Valley.  
Bottom (Left): Nasty looking storm approaching Abraham. (Right): Flooding near the town of Abraham.



Courtesy Rickdiculous

Above (Left): Street flooding in San Juan County. (Right): Heavy rain and small hail in South Ogden.

Below (Left): Lightning strike above Red Butte Gardens. (Right): Heavy downpour above Wahweap Creek.



Courtesy Greg Heaps



Courtesy Brian Hill

**Precipitation Totals (inches)** 

Logan River/State Dam	2.10	Joes Valley Reservoir	1.81	Manti Portable #1	1.70
Fillmore Portable #1	1.47	Logan	1.43	Rays Valley	1.31
Bryce Canyon Airport	1.30	Logan Golf	1.26	Tremonton	1.17
Larb Hollow	1.11	Fishlake	1.10	Ferron	1.08
Garland 1 SE	1.08	Bullfrog Marina	1.04	Horse Ridge	1.01
Logan Radio	0.99	Fountain Green	0.99	South Ogden	0.88
Hewinta	0.85	Green River	0.84	South Weber	0.81
Blacktail	0.80	Horse Hollow	0.77	San Rafael/Green Rvr	0.77
Signal Peak	0.75	Laketown	0.70	Hills	0.69
Red Spur	0.69	Weber River/Morgan	0.68	Providence	0.66
Centerville	0.66	Layton	0.66	Price Airport	0.66
Bullfrog Basin	0.65	Boulder	0.63	Sevier Reservoir	0.63
Monroe	0.60	North Logan	0.60	Magna	0.57
Loa	0.57	Emigration Canyon	0.56	Farmington	0.55
Fremont Indian S.P.	0.53	Fillmore	0.53	Alpine	0.51
West Bountiful	0.51	Goblin Valley S.P.	0.51	Oakley	0.51

# Salt Lake City Temperature Records Set for June 2015

## HIGHEST:

- June average temperature (77.5°)
- June average minimum temperature (64.5°)
- Number of days in June with minimum temperatures of 65° or higher (14, tie)

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

- June average maximum temperature (90.4°)

## 4<sup>th</sup> Highest:

- Number of days in June with a high temperature of 100° or greater (4, tie)

All temperature records are from Salt Lake City between 1874 and 2015.



## High Temperature Records For the Month of June



**Jun 18th** - Record high maximum temperatures were set at Alta 76 (75/1989), Provo BYU 99 (99/2012), and Utah Test Range 97 (97/2012).

**Jun 20th** - Record high maximums temperatures were set at Escalante 100 (97/2001) and Provo BYU 97 (96/2007).

**Jun 21st** - Record high maximums were set at Alta 77 (76/2012) and Provo BYU 101 (98/2007).

**Jun 24th** - Record high maximum temperatures were set at Alta 78 (78/2012), Provo BYU 100 (100/2012), and Spanish Fork 99 (99/1990).

**Jun 26th** - Record high maximum temperatures were set at Escalante 101 (100/1994) and Kanab 102 (102/1981).

**Jun 27th** - Record high maximum temperatures were set at Provo BYU 102 (102/2002), Tooele 98 (98/2007), Utah Test Range 98 (98/2002), and Evanston WY 91 (89/1990).

**Jun 28th** - Record high maximums were set at Duchesne 77 (76/2012) & Tooele 101 (98/2007).

**Jun 29th** - Record high minimums were set at Alpine 65 (64/2012), Alta 58 (56/1992), Cedar City 65 (65/2012), Provo BYU 68 (67/2011), Randolph 53 (52/2013) and Salt Lake City 78 (76/1883). Record highs were set at Alpine 99 (97/2013), Brigham City 98 (98/1966), Provo BYU 103 (102/2013), Spanish Fork 101 (100/1990) and Tooele 101 (100/2007).

**Jun 30th** - Record high minimums were set at Alpine 68 (66/2002), Escalante 67 (66/1980), Fillmore 70 (70/1973), Laketown 61 (61/1926) Provo BYU 72 (68/2013) and Utah Test Range 76 (72/2006). Record high maximums were set at Brigham City 100 (99/1973), Escalante 104 (101/2002), Kanab 104 (104/2013) and Utah Test Range 102 (101/2002).

THE SALT LAKE CITY UT CLIMATE SUMMARY FOR THE MONTH OF JUNE 2015

CLIMATE NORMAL PERIOD 1981 TO 2010  
 CLIMATE RECORD PERIOD 1874 TO 2015



WEATHER	OBSERVED VALUE	DATE(S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE(S)
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 TEMPERATURE (F)  
 RECORD

HIGH	105	06/29/2013, 06/28/2013				
LOW	35	06/07/1962, 06/02/1954, 06/05/1937				
HIGHEST	104	06/29			95	06/24
LOWEST	54	06/07			41	06/18
AVG. MAXIMUM	90.4		83.0	7.4	82.6	
AVG. MINIMUM	64.5		56.4	8.1	56.4	
MEAN	77.5		69.7	7.8	69.5	
DAYS MAX >= 90	17		8.0	9.0	3	
DAYS MAX <= 32	0		0.0	0.0	3	
DAYS MIN <= 32	0		0.0	0.0	1	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

TOTALS	0.65		0.98	-0.33	1.20	
DAYS >= .01	3		5.6	-2.6	3	
DAYS >= .10	3		2.7	0.3	3	
DAYS >= .50	0		0.4	-0.4	1	
DAYS >= 1.00	0		0.1	-0.1	0	

SNOWFALL (INCHES)

TOTALS	0.0		0.0	0.0	0.0	
SINCE 7/1	15.4		56.2		35.5	

WEATHER	OBSERVED VALUE	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE
DEGREE DAYS				
HEATING TOTAL	0	46	-46	39
SINCE 7/1	4363	5607	-1244	5057
COOLING TOTAL	380	187	193	180
SINCE 1/1	411	237	174	242

WIND (MPH)				
AVERAGE WIND SPEED		7.7		
HIGHEST WIND SPEED/DIRECTION		40/230	DATE	06/03
HIGHEST GUST SPEED/DIRECTION		52/220	DATE	06/03

WEATHER CONDITIONS. NUMBER OF DAYS WITH				
THUNDERSTORM	6	RAIN		3
HAIL	1	SNOW		0
FOG	1	FOG W/VIS <= 1/4 MILE		0
HAZE	2			

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



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