

Start Date: January 16, 2024 End Date: January 18, 2024 Ogden, Salt Lake City, Provo Date Issued: January 19, 2024

Salt Lake City Snowfall Analysis

On Tuesday, January 16th, 2024, a winter storm developed over the Great Basin producing rain and snow across the I-15 corridor beginning late Tuesday January 16th, through early Thursday, January 18th, 2024. This front-loaded storm favored a more northern track across Utah, supporting higher snowfall amounts north of Salt Lake City. Most areas around Ogden received between 1.0"-4.0", with most of Salt Lake City 0.5"-2.0" during this timeframe. Areas across the Utah valley received at least half an inch by noon January 17th. Isolated higher amounts were observed for some lower valley areas and locations closer to the Wasatch Front.

Widespread morning snowfall became scattered to isolated by the afternoon as temperatures warmed into the upper 30s to low 40s, resulting in good snowmelt on pavement. Warmer temperatures promoted rain and mixed precipitation through the evening on January 17th. The second wave of this system washed over the I-15 corridor late on January 17th producing a brief round of mixed precipitation across lower elevations. A few areas saw snow, mainly the higher elevations around the Wasatch Range with minimal impactful snow for the lower valley areas. An additional TR-1.0" fell in the Ogden area, with 1.0"-3.0" from Farmington to Bountiful. Generally, another 0.5"-2.0" for the Salt Lake City Valley with a few isolated higher amounts east of I-15 around Sandy. Less again for the Utah Valley with only a TR-0.5" in and around that area. Some snow totals may be lower/missing due to timing of spotter reports since some rapid melt occurred in some areas.

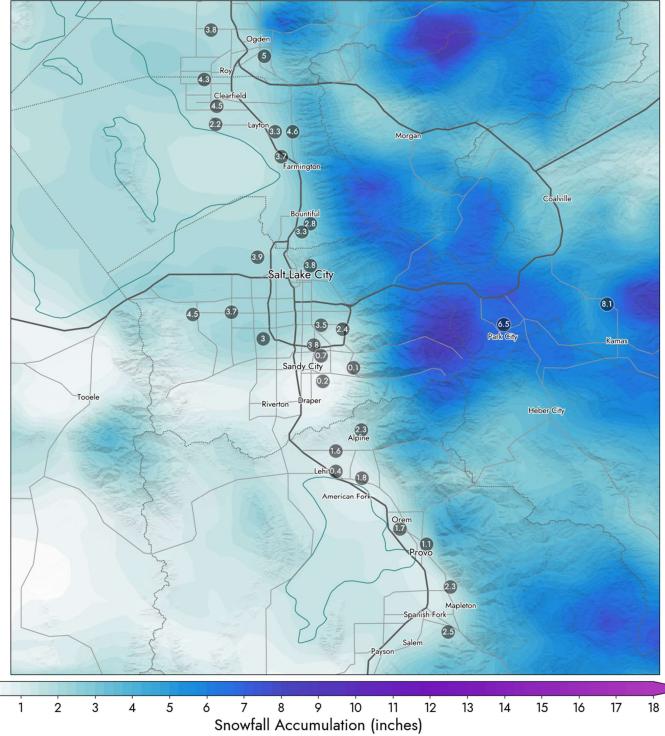
NWS Winter Weather Advisory was issued from January 16, 11:00 PM MST until January 18, 05:00 AM MST.

The official high temperature at Salt Lake City International Airport on Tuesday, January 16, 2024, was 32°F recorded at 3:54 PM, with a low of 19°F recorded at 9:54 PM. Salt Lake City International Airport recorded 0.00 inches of liquid precipitation and 0.0 inches of snow.

The official high temperature at Salt Lake City International Airport on Wednesday, January 17, 2024, was 40°F recorded at 10:24 PM, with a low of 20°F recorded at 12:00 AM. Salt Lake City International Airport recorded 0.36 inches of liquid precipitation and 3.9 inches of snow.



Total Snowfall Accumulation from 2024-01-16 to 2024-01-18



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| Snowfall by Location | | | | | | | | |
|------------------------------|----------|----------|------------------------|----------|----------|-----------------------------|----------|----------|
| Location | Zip Code | Snowfall | Location | Zip Code | Snowfall | Location | Zip Code | Snowfall |
| Alpine | 84004 | 2.3* | Holladay 0.7 WNW | 84117 | 3.5* | Salt Lake City 2.1 NE | 84103 | 3.8* |
| American Fork 1.1 ESE | 84003 | 1.8* | Kaysville 1.2 N | 84037 | 3.3 | Salt Lake City 8.3 WSW | 84104 | 3.7 |
| Bountiful 0.6 SW | 84010 | 2.8* | Lehi | 84043 | 0.4* | Salt Lake Intl Airport | 84116 | 3.9 |
| Bountiful 2.0 SW | 84010 | 3.3 | Lehi 2.0 NNE | 84043 | 1.6 | Sandy 1.1 NNE | 84093 | 0.2 |
| Brigham City 0.6 W | 84302 | 5.9 | Magna 1.0 SW | 84044 | 4.5* | Sandy 2.0 NE | 84070 | 0.7 |
| Clearfield 1.7 WSW | 84015 | 4.5 | Murray 1.8 SE | 84107 | 3.8* | Santaquin Chlorinator | 84655 | 1.2* |
| Clinton 0.9 WNW | 84015 | 4.3 | Oakley 0.9 SW | 84055 | 8.1 | South Ogden 1.3 N | 84403 | 5* |
| Cottonwood Heights 1.6 SE | 84121 | 0.1 | Orem | 84058 | 1.7* | Spanish Fork Power House | 84660 | 2.5* |
| Eden 0.3 ENE | 84310 | 7.2* | Park City 1.4 NNW | 84060 | 6.5 | Springville | 84663 | 2.3* |
| Farmington | 84025 | 3.7 | Perry 0.6 S | 84302 | 5.6* | Syracuse 2.4 S | 84075 | 2.2 |
| Fruit Heights 1.3 N | 84037 | 4.6 | Pleasant View 1.2 S | 84414 | 5.5* | Taylorsville 2.4 SW | 84123 | 3.0 |
| Holladay 0.5 ESE | 84117 | 2.4 | Provo BYU | 84602 | 1.1* | West Weber 1.0 ESE | 84404 | 3.8* |

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This Skyview Weather SnowREPORT is certified to be accurate and representative of snowfall totals. Individual data reports represent both physical measurements and derived-snowfall totals for specific georeferenced locations. The source of this data may include proprietary Skyview Weather Storm Spotter reports, Cooperative Observers, National Weather Service (NWS) reports, and other private and public entities. Reports are quality controlled by Skyview Weather meteorologists through a comparison of physical and derived measurements vs. storm reanalysis data. Skyview Weather reserves the right to update these reports as needed as new data becomes available. Use of this SnowREPORT for legal purposes is prohibited without expressed written consent. If approved, additional fees may apply.