

### Salem's Short-Term Duration Precipitation Records

|                 | Most in 5 minutes |                        | Most in 10 minutes |                        | Most in 15 minutes |                        | Most in 30 minutes                                                                                                                       |                        |
|-----------------|-------------------|------------------------|--------------------|------------------------|--------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
|                 | <i>Rain</i>       | <i>Date</i>            | <i>Rain</i>        | <i>Date</i>            | <i>Rain</i>        | <i>Date</i>            | <i>Rain</i>                                                                                                                              | <i>Date</i>            |
| Jan             | 0.31"             | 5 <sup>th</sup> /1993  | 0.31"              | 5 <sup>th</sup> /1993  | 0.32"              | 5 <sup>th</sup> /1993  | 0.32"                                                                                                                                    | 5 <sup>th</sup> /1993  |
| Feb             | 0.17"             | 22 <sup>nd</sup> /2002 | 0.27"              | 22 <sup>nd</sup> /2002 | 0.38"              | 22 <sup>nd</sup> /2002 | 0.51"                                                                                                                                    | 22 <sup>nd</sup> /2002 |
| Mar             | 0.18"             | 31 <sup>st</sup> /1983 | 0.31"              | 31 <sup>st</sup> /1983 | 0.37"              | 31 <sup>st</sup> /1983 | 0.43"                                                                                                                                    | 31 <sup>st</sup> /1983 |
| Apr             | 0.15"             | 22 <sup>nd</sup> /2016 | 0.20"              | 22 <sup>nd</sup> /2016 | 0.23"              | 16 <sup>th</sup> /1992 | 0.31"                                                                                                                                    | 12 <sup>th</sup> /2003 |
| May             | 0.25"             | 17 <sup>th</sup> /2004 | 0.39"              | 17 <sup>th</sup> /2004 | 0.48"              | 17 <sup>th</sup> /2004 | 0.52"                                                                                                                                    | 17 <sup>th</sup> /2004 |
| Jun             | 0.22"             | 29 <sup>th</sup> /1983 | 0.27"              | 29 <sup>th</sup> /1983 | 0.36"              | 4 <sup>th</sup> /1993  | 0.62"                                                                                                                                    | 4 <sup>th</sup> /1993  |
| Jul             | 0.23"             | 18 <sup>th</sup> /1983 | 0.44"              | 18 <sup>th</sup> /1983 | 0.57"              | 18 <sup>th</sup> /1983 | 0.78"                                                                                                                                    | 18 <sup>th</sup> /1983 |
| Aug             | 0.12"             | 31 <sup>st</sup> /1983 | 0.17"              | 31 <sup>st</sup> /1983 | 0.18"              | 31 <sup>st</sup> /1983 | 0.22"                                                                                                                                    | 25 <sup>th</sup> /1978 |
| Sept            | 0.29"             | 10 <sup>th</sup> /2019 | 0.51"              | 10 <sup>th</sup> /2019 | 0.69"              | 10 <sup>th</sup> /2019 | 0.88"                                                                                                                                    | 10 <sup>th</sup> /2019 |
| Oct             | 0.18"             | 31 <sup>st</sup> /2010 | 0.34"              | 31 <sup>st</sup> /2010 | 0.39"              | 31 <sup>st</sup> /2010 | 0.51"                                                                                                                                    | 31 <sup>st</sup> /2010 |
| Nov             | 0.16"             | 7 <sup>th</sup> /2013  | 0.21"              | 19 <sup>th</sup> /2012 | 0.31"              | 19 <sup>th</sup> /2012 | 0.58"                                                                                                                                    | 19 <sup>th</sup> /2012 |
| Dec             | 0.15"             | 10 <sup>th</sup> /2015 | 0.24"              | 10 <sup>th</sup> /2015 | 0.28"              | 10 <sup>th</sup> /2015 | 0.31"                                                                                                                                    | 10 <sup>th</sup> /2015 |
| <i>All-Time</i> | 0.31"             | 5 Jan 1993             | 0.51"              | 10 Sep 2019            | 0.69"              | 10 Sep 2019            | 0.88"                                                                                                                                    | 10 Sep 2019            |
|                 | Most in 1 hour    |                        | Most in 2 hours    |                        | Most in 3 hours    |                        | <div style="text-align: center;"> <h2 style="margin: 0;">Salem</h2> <p style="margin: 0;"><i>Airport Data<br/>1951 – 2023</i></p> </div> |                        |
|                 | <i>Rain</i>       | <i>Date</i>            | <i>Rain</i>        | <i>Date</i>            | <i>Rain</i>        | <i>Date</i>            |                                                                                                                                          |                        |
| Jan             | 0.52"             | 14 <sup>th</sup> /1980 | 0.81"              | 20 <sup>th</sup> /1953 | 1.16"              | 20 <sup>th</sup> /1953 |                                                                                                                                          |                        |
| Feb             | 0.78"             | 16 <sup>th</sup> /2017 | 0.98"              | 16 <sup>th</sup> /2017 | 1.08"              | 16 <sup>th</sup> /2017 |                                                                                                                                          |                        |
| Mar             | 0.45"             | 31 <sup>st</sup> /1983 | 0.63"              | 31 <sup>st</sup> /1983 | 0.71"              | 31 <sup>st</sup> /1983 |                                                                                                                                          |                        |
| Apr             | 0.47"             | 12 <sup>th</sup> /2003 | 0.52"              | 14 <sup>th</sup> /2010 | 0.72"              | 12 <sup>th</sup> /2003 |                                                                                                                                          |                        |
| May             | 0.52"             | 17 <sup>th</sup> /2004 | 0.68"              | 31 <sup>st</sup> /1997 | 0.89"              | 31 <sup>st</sup> /1997 |                                                                                                                                          |                        |
| Jun             | 0.77"             | 4 <sup>th</sup> /1993  | 0.92"              | 4 <sup>th</sup> /1993  | 1.04"              | 4 <sup>th</sup> /1993  |                                                                                                                                          |                        |
| Jul             | 0.92"             | 18 <sup>th</sup> /1983 | 1.16"              | 18 <sup>th</sup> /1983 | 1.20"              | 18 <sup>th</sup> /1983 |                                                                                                                                          |                        |
| Aug             | 0.26"             | 23 <sup>rd</sup> /1968 | 0.36"              | 31 <sup>st</sup> /1971 | 0.48"              | 31 <sup>st</sup> /1971 |                                                                                                                                          |                        |
| Sept            | 1.14"             | 5 <sup>th</sup> /2013  | 1.27"              | 5 <sup>th</sup> /2013  | 1.32"              | 5 <sup>th</sup> /2013  |                                                                                                                                          |                        |
| Oct             | 0.62"             | 31 <sup>st</sup> /2010 | 0.89"              | 31 <sup>st</sup> /2015 | 1.28"              | 31 <sup>st</sup> /2015 |                                                                                                                                          |                        |
| Nov             | 0.83"             | 19 <sup>th</sup> /2012 | 1.07"              | 19 <sup>th</sup> /2012 | 1.27"              | 19 <sup>th</sup> /2012 |                                                                                                                                          |                        |
| Dec             | 0.49"             | 6 <sup>th</sup> /1953  | 0.68"              | 17 <sup>th</sup> /2015 | 0.98"              | 4 <sup>th</sup> /1989  |                                                                                                                                          |                        |
| <i>All-Time</i> | 1.14"             | 5 Sep 2013             | 1.27"              | 5 Sep 2013             | 1.32"              | 5 Sep 2013             |                                                                                                                                          |                        |

<sup>1</sup> Most recent date of multiple occurrences is listed.

|                                      | Greatest Rainfall in any 24-hour period |                |           |       |                |
|--------------------------------------|-----------------------------------------|----------------|-----------|-------|----------------|
|                                      | Rain                                    | Date           |           | Rain  | Date           |
| January                              | 3.86"                                   | 18 Jan 1911    | July      | 1.92" | 17-18 Jul 1987 |
| February                             | 3.16"                                   | 16-17 Feb 1949 | August    | 2.00" | 20 Aug 2002    |
| March                                | 2.55"                                   | 31 Mar 1943    | September | 2.11" | 5 Sep 1911     |
| April                                | 2.29"                                   | 7-8 Apr 2018   | October   | 4.08" | 26-27 Oct 1994 |
| May                                  | 2.23"                                   | 16-17 May 1991 | November  | 4.44" | 18-19 Nov 1996 |
| June                                 | 1.81"                                   | 4-5 Jun 1993   | December  | 4.30" | 6 Dec 1933     |
| All-Time (Dec 1892 through Dec 2023) |                                         |                |           | 4.44" | 18-19 Nov 1996 |