

### Observed Weather Type Frequency<sup>1</sup>

Eugene's hourly observations (1948-1995, pre-ASOS data) were categorized into groups of time. For example, at 10 am in January, snow was observed 3% of time, with rain 22% of the time, and fog 29% of the time. Overall, at 10 am in January, there was an obstruction to visibility 32% of the time.

|           |                                                                                   |           |                     |
|-----------|-----------------------------------------------------------------------------------|-----------|---------------------|
| <b>FG</b> | Fog                                                                               | <b>RA</b> | Rain and/or Drizzle |
| <b>SN</b> | Snow and/or Sleet                                                                 | <b>TS</b> | Thunderstorms       |
| <b>VO</b> | Any obstruction to visibility, including rain, fog, snow, smoke, and blowing snow |           |                     |

| Hour  | VO      | FG | RA | SN | TS | VO       | FG | RA | SN | TS | VO        | FG | RA | SN | TS |
|-------|---------|----|----|----|----|----------|----|----|----|----|-----------|----|----|----|----|
|       | January |    |    |    |    | February |    |    |    |    | March     |    |    |    |    |
| 1 am  | 28      | 17 | 22 | 2  | <1 | 20       | 18 | 20 | 1  | -  | 6         | 5  | 19 | 1  | <1 |
| 4 am  | 29      | 28 | 24 | 2  | <1 | 26       | 25 | 21 | 2  | -  | 12        | 11 | 21 | 1  | <1 |
| 7 am  | 28      | 26 | 25 | 3  | <1 | 29       | 27 | 23 | 2  | <1 | 21        | 19 | 21 | 1  | -  |
| 10 am | 32      | 29 | 22 | 3  | -  | 30       | 25 | 21 | 1  | -  | 17        | 11 | 22 | 1  | -  |
| 1 pm  | 23      | 18 | 22 | 3  | <1 | 17       | 11 | 22 | 1  | -  | 5         | 3  | 20 | <1 | -  |
| 4 pm  | 20      | 15 | 25 | 2  | -  | 11       | 7  | 23 | 1  | -  | 3         | 2  | 22 | 1  | <1 |
| 7 pm  | 21      | 17 | 22 | 3  | -  | 11       | 8  | 22 | 1  | -  | 4         | 2  | 21 | 1  | <1 |
| 10 pm | 25      | 22 | 14 | 3  | <1 | 15       | 12 | 19 | 2  | -  | 3         | 3  | 18 | 1  | -  |
|       | April   |    |    |    |    | May      |    |    |    |    | June      |    |    |    |    |
| 1 am  | 2       | 1  | 15 | -  | -  | 1        | 1  | 9  | -  | -  | 1         | 1  | 8  | -  | <1 |
| 4 am  | 7       | 6  | 15 | -  | -  | 5        | 5  | 11 | -  | -  | 4         | 4  | 8  | -  | -  |
| 7 am  | 15      | 13 | 15 | <1 | <1 | 11       | 8  | 12 | -  | -  | 9         | 6  | 8  | -  | -  |
| 10 am | 6       | 3  | 17 | <1 | -  | 3        | 2  | 12 | -  | <1 | 2         | 2  | 8  | -  | <1 |
| 1 pm  | 2       | 1  | 17 | -  | <1 | 1        | 1  | 11 | -  | <1 | 1         | 1  | 7  | -  | -  |
| 4 pm  | 1       | 1  | 16 | -  | <1 | 1        | 1  | 10 | -  | <1 | 1         | 1  | 7  | -  | <1 |
| 7 pm  | 2       | 1  | 14 | -  | <1 | 1        | 1  | 10 | -  | <1 | <1        | <1 | 7  | -  | <1 |
| 10 pm | 2       | 1  | 13 | -  | -  | <1       | <1 | 8  | -  | -  | 1         | 1  | 6  | -  | <1 |
|       | July    |    |    |    |    | August   |    |    |    |    | September |    |    |    |    |
| 1 am  | <1      | <1 | 2  | -  | <1 | 1        | 1  | 3  | -  | <1 | 6         | 4  | 5  | -  | <1 |
| 4 am  | 2       | 2  | 3  | -  | <1 | 4        | 1  | 4  | -  | <1 | 14        | 12 | 6  | -  | <1 |
| 7 am  | 6       | 3  | 4  | -  | <1 | 14       | 7  | 5  | -  | -  | 30        | 23 | 7  | -  | <1 |
| 10 am | 2       | 1  | 2  | -  | <1 | 6        | 5  | 3  | -  | <1 | 21        | 7  | 6  | -  | -  |
| 1 pm  | 1       | <1 | 2  | -  | -  | 4        | 4  | 3  | -  | <1 | 9         | 1  | 5  | -  | <1 |
| 4 pm  | 1       | <1 | 2  | -  | <1 | 2        | 2  | 3  | -  | <1 | 7         | 1  | 5  | -  | <1 |
| 7 pm  | 1       | <1 | 2  | -  | <1 | 2        | 1  | 3  | -  | <1 | 5         | 1  | 5  | -  | -  |
| 10 pm | <1      | <1 | 2  | -  | <1 | 1        | <1 | 4  | -  | <1 | 4         | 1  | 5  | -  | <1 |
|       | October |    |    |    |    | November |    |    |    |    | December  |    |    |    |    |
| 1 am  | 27      | 23 | 11 | -  | -  | 33       | 31 | 21 | <1 | -  | 29        | 20 | 25 | 2  | -  |
| 4 am  | 35      | 33 | 12 | -  | -  | 36       | 34 | 23 | <1 | <1 | 30        | 30 | 27 | 2  | -  |
| 7 am  | 48      | 42 | 13 | -  | -  | 37       | 35 | 24 | 1  | <1 | 32        | 30 | 26 | 2  | -  |
| 10 am | 40      | 26 | 11 | -  | -  | 35       | 30 | 23 | <1 | -  | 35        | 31 | 23 | 1  | -  |
| 1 pm  | 22      | 7  | 14 | -  | <1 | 24       | 15 | 23 | <1 | -  | 26        | 21 | 23 | 1  | <1 |
| 4 pm  | 15      | 4  | 12 | -  | -  | 20       | 12 | 23 | <1 | -  | 25        | 20 | 25 | 2  | -  |
| 7 pm  | 14      | 6  | 11 | -  | <1 | 21       | 16 | 23 | <1 | <1 | 25        | 21 | 22 | 1  | -  |
| 10 pm | 19      | 14 | 10 | -  | -  | 27       | 24 | 21 | <1 | -  | 26        | 25 | 26 | 2  | <1 |

<sup>1</sup>Total percentages may not add to 100% due to rounding.

*Also, not all weather listed, such as smoke and freezing rain, hail, blowing snow and blowing dust.*