

## Subarea 12 (Lakeview)



**NOAA Atlas 14, Volume 6, Version 2**  
**Location name: Nuevo, California, US\***  
**Latitude: 33.8451°, Longitude: -117.1092°**  
**Elevation: 1423 ft\***  
 \* source: Google Maps

**POINT PRECIPITATION FREQUENCY ESTIMATES**

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**PF tabular**

| <b>PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches)<sup>1</sup></b> |                                            |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|----------------------------------------------------------------------------------------------------------------|--------------------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
| <b>Duration</b>                                                                                                | <b>Average recurrence interval (years)</b> |                               |                               |                               |                               |                               |                               |                               |                               |                               |
|                                                                                                                | <b>1</b>                                   | <b>2</b>                      | <b>5</b>                      | <b>10</b>                     | <b>25</b>                     | <b>50</b>                     | <b>100</b>                    | <b>200</b>                    | <b>500</b>                    | <b>1000</b>                   |
| <b>5-min</b>                                                                                                   | <b>0.091</b><br>(0.076-0.110)              | <b>0.125</b><br>(0.104-0.151) | <b>0.173</b><br>(0.144-0.209) | <b>0.213</b><br>(0.176-0.261) | <b>0.272</b><br>(0.216-0.344) | <b>0.320</b><br>(0.249-0.414) | <b>0.371</b><br>(0.282-0.494) | <b>0.428</b><br>(0.316-0.586) | <b>0.511</b><br>(0.361-0.730) | <b>0.581</b><br>(0.396-0.860) |
| <b>10-min</b>                                                                                                  | <b>0.130</b><br>(0.109-0.157)              | <b>0.179</b><br>(0.150-0.217) | <b>0.247</b><br>(0.206-0.300) | <b>0.306</b><br>(0.252-0.374) | <b>0.389</b><br>(0.310-0.494) | <b>0.458</b><br>(0.357-0.594) | <b>0.532</b><br>(0.404-0.707) | <b>0.613</b><br>(0.453-0.839) | <b>0.732</b><br>(0.517-1.05)  | <b>0.832</b><br>(0.568-1.23)  |
| <b>15-min</b>                                                                                                  | <b>0.157</b><br>(0.131-0.190)              | <b>0.217</b><br>(0.181-0.263) | <b>0.299</b><br>(0.249-0.363) | <b>0.369</b><br>(0.305-0.452) | <b>0.471</b><br>(0.375-0.597) | <b>0.554</b><br>(0.432-0.718) | <b>0.644</b><br>(0.489-0.856) | <b>0.742</b><br>(0.547-1.01)  | <b>0.885</b><br>(0.626-1.26)  | <b>1.01</b><br>(0.687-1.49)   |
| <b>30-min</b>                                                                                                  | <b>0.248</b><br>(0.207-0.300)              | <b>0.342</b><br>(0.285-0.414) | <b>0.472</b><br>(0.392-0.573) | <b>0.583</b><br>(0.481-0.714) | <b>0.743</b><br>(0.592-0.942) | <b>0.874</b><br>(0.681-1.13)  | <b>1.01</b><br>(0.771-1.35)   | <b>1.17</b><br>(0.863-1.60)   | <b>1.40</b><br>(0.987-2.00)   | <b>1.59</b><br>(1.08-2.35)    |
| <b>60-min</b>                                                                                                  | <b>0.357</b><br>(0.298-0.431)              | <b>0.492</b><br>(0.410-0.596) | <b>0.678</b><br>(0.564-0.824) | <b>0.838</b><br>(0.691-1.03)  | <b>1.07</b><br>(0.851-1.35)   | <b>1.26</b><br>(0.980-1.63)   | <b>1.46</b><br>(1.11-1.94)    | <b>1.68</b><br>(1.24-2.30)    | <b>2.01</b><br>(1.42-2.87)    | <b>2.28</b><br>(1.56-3.38)    |
| <b>2-hr</b>                                                                                                    | <b>0.534</b><br>(0.446-0.646)              | <b>0.705</b><br>(0.588-0.854) | <b>0.936</b><br>(0.779-1.14)  | <b>1.13</b><br>(0.932-1.38)   | <b>1.40</b><br>(1.12-1.78)    | <b>1.62</b><br>(1.26-2.10)    | <b>1.85</b><br>(1.41-2.46)    | <b>2.10</b><br>(1.55-2.88)    | <b>2.46</b><br>(1.74-3.51)    | <b>2.74</b><br>(1.87-4.06)    |
| <b>3-hr</b>                                                                                                    | <b>0.664</b><br>(0.554-0.802)              | <b>0.863</b><br>(0.720-1.04)  | <b>1.13</b><br>(0.940-1.37)   | <b>1.35</b><br>(1.12-1.66)    | <b>1.66</b><br>(1.33-2.11)    | <b>1.91</b><br>(1.49-2.48)    | <b>2.17</b><br>(1.65-2.88)    | <b>2.44</b><br>(1.80-3.34)    | <b>2.83</b><br>(2.00-4.04)    | <b>3.14</b><br>(2.14-4.65)    |
| <b>6-hr</b>                                                                                                    | <b>0.941</b><br>(0.786-1.14)               | <b>1.21</b><br>(1.01-1.47)    | <b>1.57</b><br>(1.30-1.90)    | <b>1.86</b><br>(1.54-2.28)    | <b>2.27</b><br>(1.81-2.88)    | <b>2.59</b><br>(2.02-3.35)    | <b>2.92</b><br>(2.21-3.88)    | <b>3.26</b><br>(2.40-4.46)    | <b>3.73</b><br>(2.64-5.34)    | <b>4.11</b><br>(2.80-6.09)    |
| <b>12-hr</b>                                                                                                   | <b>1.23</b><br>(1.02-1.48)                 | <b>1.60</b><br>(1.33-1.93)    | <b>2.08</b><br>(1.73-2.53)    | <b>2.48</b><br>(2.05-3.04)    | <b>3.03</b><br>(2.41-3.84)    | <b>3.46</b><br>(2.69-4.48)    | <b>3.89</b><br>(2.96-5.17)    | <b>4.34</b><br>(3.20-5.94)    | <b>4.96</b><br>(3.50-7.08)    | <b>5.44</b><br>(3.71-8.05)    |
| <b>24-hr</b>                                                                                                   | <b>1.58</b><br>(1.40-1.82)                 | <b>2.11</b><br>(1.86-2.44)    | <b>2.80</b><br>(2.47-3.25)    | <b>3.37</b><br>(2.95-3.93)    | <b>4.14</b><br>(3.51-5.00)    | <b>4.74</b><br>(3.94-5.83)    | <b>5.36</b><br>(4.34-6.75)    | <b>5.99</b><br>(4.72-7.75)    | <b>6.86</b><br>(5.20-9.24)    | <b>7.54</b><br>(5.52-10.5)    |
| <b>2-day</b>                                                                                                   | <b>1.86</b><br>(1.65-2.15)                 | <b>2.52</b><br>(2.23-2.92)    | <b>3.41</b><br>(3.00-3.94)    | <b>4.13</b><br>(3.62-4.82)    | <b>5.13</b><br>(4.35-6.19)    | <b>5.92</b><br>(4.91-7.28)    | <b>6.72</b><br>(5.44-8.46)    | <b>7.56</b><br>(5.96-9.78)    | <b>8.71</b><br>(6.60-11.7)    | <b>9.62</b><br>(7.05-13.4)    |
| <b>3-day</b>                                                                                                   | <b>1.98</b><br>(1.75-2.28)                 | <b>2.71</b><br>(2.40-3.13)    | <b>3.69</b><br>(3.26-4.28)    | <b>4.51</b><br>(3.95-5.27)    | <b>5.65</b><br>(4.78-6.80)    | <b>6.54</b><br>(5.42-8.04)    | <b>7.46</b><br>(6.04-9.39)    | <b>8.43</b><br>(6.65-10.9)    | <b>9.78</b><br>(7.41-13.2)    | <b>10.9</b><br>(7.95-15.1)    |
| <b>4-day</b>                                                                                                   | <b>2.12</b><br>(1.88-2.45)                 | <b>2.94</b><br>(2.60-3.40)    | <b>4.04</b><br>(3.56-4.67)    | <b>4.95</b><br>(4.33-5.77)    | <b>6.22</b><br>(5.27-7.50)    | <b>7.22</b><br>(5.99-8.88)    | <b>8.26</b><br>(6.70-10.4)    | <b>9.36</b><br>(7.38-12.1)    | <b>10.9</b><br>(8.25-14.7)    | <b>12.1</b><br>(8.88-16.9)    |
| <b>7-day</b>                                                                                                   | <b>2.37</b><br>(2.09-2.73)                 | <b>3.32</b><br>(2.94-3.84)    | <b>4.61</b><br>(4.07-5.34)    | <b>5.69</b><br>(4.98-6.64)    | <b>7.20</b><br>(6.10-8.68)    | <b>8.40</b><br>(6.97-10.3)    | <b>9.64</b><br>(7.81-12.1)    | <b>11.0</b><br>(8.64-14.2)    | <b>12.8</b><br>(9.70-17.2)    | <b>14.3</b><br>(10.5-19.9)    |
| <b>10-day</b>                                                                                                  | <b>2.49</b><br>(2.20-2.87)                 | <b>3.53</b><br>(3.12-4.07)    | <b>4.93</b><br>(4.34-5.71)    | <b>6.11</b><br>(5.34-7.13)    | <b>7.76</b><br>(6.57-9.35)    | <b>9.07</b><br>(7.53-11.2)    | <b>10.4</b><br>(8.46-13.2)    | <b>11.9</b><br>(9.38-15.4)    | <b>13.9</b><br>(10.6-18.8)    | <b>15.6</b><br>(11.4-21.7)    |
| <b>20-day</b>                                                                                                  | <b>2.96</b><br>(2.62-3.42)                 | <b>4.24</b><br>(3.74-4.89)    | <b>5.98</b><br>(5.27-6.93)    | <b>7.46</b><br>(6.53-8.71)    | <b>9.57</b><br>(8.10-11.5)    | <b>11.3</b><br>(9.34-13.8)    | <b>13.0</b><br>(10.6-16.4)    | <b>15.0</b><br>(11.8-19.3)    | <b>17.7</b><br>(13.4-23.8)    | <b>19.9</b><br>(14.5-27.7)    |
| <b>30-day</b>                                                                                                  | <b>3.46</b><br>(3.06-3.99)                 | <b>4.93</b><br>(4.36-5.70)    | <b>6.96</b><br>(6.14-8.06)    | <b>8.70</b><br>(7.61-10.2)    | <b>11.2</b><br>(9.48-13.5)    | <b>13.2</b><br>(11.0-16.3)    | <b>15.4</b><br>(12.5-19.4)    | <b>17.7</b><br>(14.0-22.9)    | <b>21.0</b><br>(15.9-28.3)    | <b>23.8</b><br>(17.4-33.1)    |
| <b>45-day</b>                                                                                                  | <b>4.09</b><br>(3.62-4.72)                 | <b>5.76</b><br>(5.09-6.65)    | <b>8.08</b><br>(7.13-9.36)    | <b>10.1</b><br>(8.83-11.8)    | <b>13.0</b><br>(11.0-15.7)    | <b>15.4</b><br>(12.8-18.9)    | <b>18.0</b><br>(14.6-22.6)    | <b>20.8</b><br>(16.4-26.9)    | <b>24.9</b><br>(18.8-33.5)    | <b>28.3</b><br>(20.7-39.4)    |
| <b>60-day</b>                                                                                                  | <b>4.73</b><br>(4.19-5.46)                 | <b>6.55</b><br>(5.79-7.57)    | <b>9.12</b><br>(8.04-10.6)    | <b>11.3</b><br>(9.92-13.2)    | <b>14.6</b><br>(12.4-17.6)    | <b>17.3</b><br>(14.4-21.3)    | <b>20.3</b><br>(16.4-25.5)    | <b>23.5</b><br>(18.5-30.4)    | <b>28.3</b><br>(21.4-38.1)    | <b>32.3</b><br>(23.7-45.0)    |

<sup>1</sup> Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS).

Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values.

Please refer to NOAA Atlas 14 document for more information.

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