

# ANNAPOLIS - NAVAL ACADEMY (NAK) - ANNAPOLIS, MARYLAND

ASOS Station Elevation: 4 feet/1 meter

Period of Record: 2007-Present (ASOS-Military Commissioned 12/22/1995 - Navy, full month's data only available since 11/2001)

## AVERAGE MAXIMUM TEMPERATURE (°F)

| Year    | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------------------|------------------|------------------|------------------|
| 2001    |      |      |      |      |      |      |      |      |      |      |      |      |        |                  |                  |                  |                  |
| 2002    | 47.6 | 49.9 | 53.7 | 65.9 | 72.2 | 81.4 | 86.2 | 84.9 | 78.3 | 64.0 | 61.6 | 51.6 | 65.1   | 49.7             | 63.9             | 84.2             | 65.2             |
| 2003    | 36.1 | 37.9 | 52.2 | 61.5 | 66.4 | 76.7 | 84.3 | 84.2 | 77.2 | 65.7 | 59.3 | 44.5 | 62.2   | 39.1             | 60.0             | 81.7             | 67.4             |
| 2004    | 35.5 | 43.5 | 54.7 | 63.4 | 78.0 | 79.6 | 83.6 | 81.4 | 77.7 | 64.3 | 57.4 | 46.6 | 63.8   | 41.2             | 65.4             | 81.5             | 66.5             |
| 2005    | 40.8 | 44.0 | 48.1 | 64.0 | 67.5 | 80.9 | 85.9 | 85.3 | 81.7 | 66.4 | 58.4 | 42.2 | 63.8   | 43.8             | 59.9             | 84.0             | 68.8             |
| 2006    | 48.9 | 44.9 | 53.5 | 66.2 | 72.2 | 79.8 | 86.4 | 85.4 | 73.2 | 64.9 | 56.5 | 51.1 | 65.3   | 45.3             | 64.0             | 83.9             | 64.9             |
| 2007    | 47.4 | 37.0 | 54.5 | 59.9 | 74.0 | 81.2 | 84.0 | 84.7 | 78.5 | 72.5 | 54.9 | 46.1 | 64.6   | 45.2             | 62.8             | 83.3             | 68.6             |
| 2008    | 45.6 | 47.9 | 55.1 | 64.1 | 71.8 | 84.9 | 86.4 | 83.1 | 78.2 | 66.6 | 53.9 | 48.6 | 65.5   | 46.5             | 63.7             | 84.8             | 66.2             |
| 2009    | 38.3 | 47.8 | 51.8 | 64.8 | 71.9 | 78.6 | 82.9 | 84.6 | 74.8 | 64.5 | 57.3 | 44.5 | 63.5   | 44.9             | 62.8             | 82.0             | 65.5             |
| 2010    | 41.1 | 39.7 | 56.8 | 68.0 | 74.4 | 84.8 | 88.1 | 84.1 | 79.6 | 66.9 | 56.2 | 38.5 | 64.9   | 41.8             | 66.4             | 85.7             | 67.6             |
| 2011    | 36.5 | 47.2 | 52.0 | 66.7 | 75.5 | 84.1 | 89.3 | 84.2 | 76.8 | 66.1 | 59.9 | 53.1 | 66.0   | 40.7             | 64.7             | 85.9             | 67.6             |
| 2012    | 49.3 | 51.1 | 63.0 | 66.2 | 77.1 | 83.8 | 90.1 | 86.3 | 79.4 | 68.1 | 53.3 | 52.7 | 68.4   | 51.2             | 68.8             | 86.7             | 66.9             |
| 2013    | 44.6 | 42.5 | 47.9 | 63.5 | 71.8 | 81.5 | 85.4 | 80.5 | 75.2 | 66.6 | 53.6 | 46.9 | 63.3   | 46.6             | 61.1             | 82.5             | 65.1             |
| 2014    | 37.8 | 40.8 | 47.8 | 61.4 | 73.0 | 80.2 | 83.4 | 80.6 | 76.6 | 67.4 | 52.7 | 46.8 | 62.4   | 41.8             | 60.7             | 81.4             | 65.6             |
| 2015    | 39.5 | 34.7 | 47.9 | 63.6 | 76.2 | 81.6 | 84.0 | 83.3 | 79.4 | 64.6 | 59.8 | 56.9 | 64.3   | 40.3             | 62.6             | 83.0             | 67.9             |
| 2016    | 42.1 | 45.9 | 58.6 | 63.4 | 68.2 | 81.4 | 87.4 | 87.6 | 80.0 | 70.3 | 60.3 | 49.1 | 66.2   | 48.3             | 63.4             | 85.5             | 70.2             |
| 2017    | 47.3 | 54.1 | 53.8 | 69.1 | 72.1 | 83.2 | 85.5 | 83.1 | 79.8 | 72.3 | 57.2 | 44.8 | 66.9   | 50.2             | 65.0             | 83.9             | 69.8             |
| 2018    | 42.1 | 52.5 | 49.5 | 63.3 | 78.2 | 83.0 | 87.5 | 88.2 | 82.0 | 70.9 | 53.7 | 49.8 | 66.7   | 46.5             | 63.7             | 86.2             | 68.9             |
| 2019    | 44.9 | 48.3 | 53.9 | 69.6 | 77.8 | 85.4 | 91.1 | 87.8 | 83.1 | 69.1 | 52.2 | 46.9 | 67.5   | 47.7             | 67.1             | 88.1             | 68.1             |
| 2020    | 46.9 | 48.3 | 57.7 | 60.4 | 68.8 | 81.7 | 88.5 | 84.5 | 75.9 | 67.8 | 61.3 | 47.6 | 65.8   | 47.4             | 62.3             | 84.9             | 68.3             |
| 2021    | 43.3 | 41.9 | 56.7 | 65.0 | 73.1 | 81.5 | 85.7 | 84.8 | 79.7 | 71.6 | 55.3 | 53.0 | 66.0   | 44.3             | 64.9             | 84.0             | 68.9             |
| 2022    | 40.3 | 49.8 | 57.2 | 62.2 | 72.6 | 81.0 | 86.5 | 86.0 | 78.4 | 64.3 |      |      |        | 47.7             | 64.0             | 84.5             |                  |
| 2023    | 51.1 | 52.7 | 55.1 | 68.1 | 70.8 | 78.8 | 86.6 | 83.7 | 78.2 | 69.7 | 55.9 | 50.8 | 66.8   | 50.2             | 64.7             | 83.0             | 67.9             |
| 2024    | 46.4 | 49.6 | 57.9 | 65.8 | 74.1 | 85.4 | 85.9 | 83.2 | 76.2 | 68.7 | 59.8 | 45.8 | 66.6   | 48.9             | 65.9             | 84.8             | 68.2             |
| 2025    | 37.9 | 44.2 | 58.3 | 65.7 | 72.1 | 81.9 | 87.0 | 80.4 | 76.0 | 66.3 | 56.5 | 43.0 | 64.1   | 42.6             | 65.4             | 83.1             | 66.3             |
| 2026    | 39.5 | 40.1 | 58.1 | 67.7 | 71.7 | 83.1 | 86.8 |      |      |      |      |      |        | 40.9             | 65.8             |                  |                  |
| Average | 42.8 | 45.5 | 54.2 | 64.8 | 72.9 | 81.8 | 86.3 | 84.2 | 78.2 | 67.5 | 56.7 | 47.6 | 65.2   | 45.3             | 64.0             | 84.1             | 67.4             |
| Maximum | 51.1 | 54.1 | 63.0 | 69.6 | 78.2 | 85.4 | 91.1 | 88.2 | 83.1 | 72.5 | 61.6 | 56.9 | 68.4   | 51.2             | 68.8             | 88.1             | 70.2             |
| Minimum | 35.5 | 34.7 | 47.8 | 59.9 | 66.4 | 76.7 | 82.9 | 80.4 | 73.2 | 64.0 | 52.2 | 38.5 | 62.2   | 39.1             | 59.9             | 81.4             | 64.9             |

## AVERAGE MINIMUM TEMPERATURE (°F)

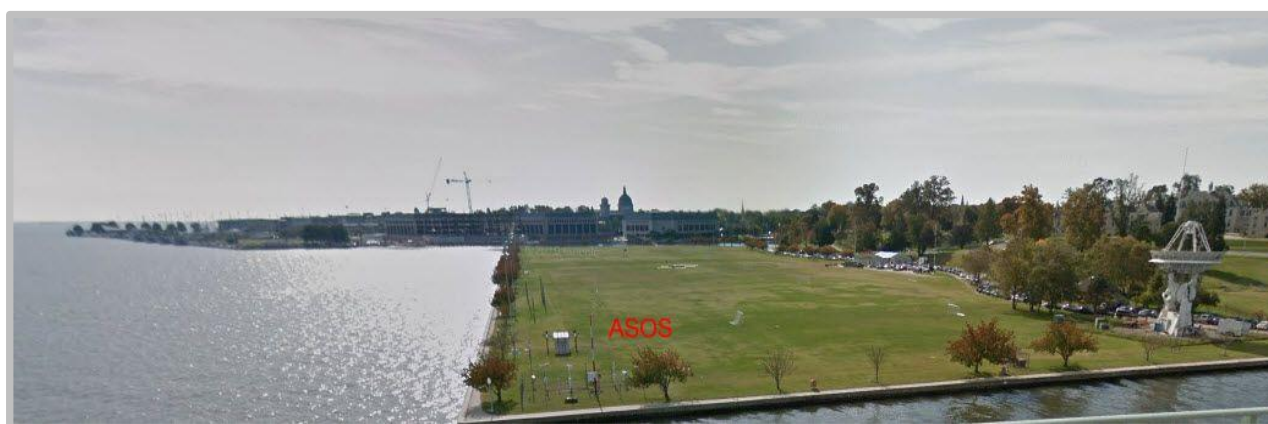
| Year    | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------------------|------------------|------------------|------------------|
| 2001    |      |      |      |      |      |      |      |      |      |      |      |      |        |                  |                  |                  |                  |
| 2002    | 33.4 | 33.0 | 38.0 | 48.8 | 55.5 | 66.9 | 72.0 | 72.1 | 65.3 | 53.3 | 39.9 | 29.5 | 50.6   | 34.8             | 47.4             | 70.3             | 52.8             |
| 2003    | 25.3 | 26.6 | 36.0 | 45.4 | 54.7 | 64.0 | 70.5 | 71.8 | 64.0 | 50.9 | 44.8 | 32.1 | 48.8   | 27.1             | 45.4             | 68.8             | 53.2             |
| 2004    | 23.3 | 29.4 | 38.8 | 48.8 | 63.9 | 65.3 | 71.8 | 69.5 | 64.8 | 52.3 | 44.3 | 32.8 | 50.4   | 28.3             | 50.5             | 68.9             | 53.8             |
| 2005    | 28.9 | 30.3 | 34.5 | 47.0 | 52.4 | 67.1 | 73.5 | 73.0 | 67.1 | 53.5 | 41.7 | 29.9 | 49.9   | 30.7             | 44.6             | 71.2             | 54.1             |
| 2006    | 34.5 | 30.6 | 37.9 | 49.5 | 55.5 | 66.0 | 72.6 | 72.5 | 61.3 | 49.4 | 44.4 | 36.1 | 50.9   | 31.7             | 47.6             | 70.4             | 51.7             |
| 2007    | 33.6 | 24.2 | 36.2 | 44.2 | 57.5 | 67.4 | 70.8 | 71.0 | 64.6 | 57.4 | 41.7 | 35.2 | 50.3   | 31.3             | 46.0             | 69.7             | 54.6             |
| 2008    | 32.6 | 32.4 | 39.5 | 49.7 | 55.3 | 68.6 | 71.8 | 68.4 | 66.1 | 51.0 | 42.4 | 34.3 | 51.0   | 33.4             | 48.2             | 69.6             | 53.2             |
| 2009    | 26.4 | 31.6 | 37.6 | 48.1 | 58.0 | 66.2 | 68.7 | 71.6 | 62.8 | 51.0 | 45.3 | 32.3 | 50.0   | 30.8             | 47.9             | 68.8             | 53.0             |
| 2010    | 28.2 | 28.6 | 42.4 | 49.2 | 59.2 | 71.3 | 73.1 | 72.1 | 65.1 | 51.6 | 42.4 | 27.4 | 50.9   | 29.7             | 50.3             | 72.2             | 53.0             |
| 2011    | 26.2 | 30.4 | 38.0 | 49.8 | 61.6 | 70.1 | 74.8 | 70.7 | 66.5 | 51.5 | 45.3 | 38.2 | 51.9   | 28.0             | 49.8             | 71.9             | 54.4             |
| 2012    | 33.7 | 37.0 | 47.1 | 49.2 | 62.9 | 68.1 | 75.9 | 73.5 | 64.5 | 54.5 | 40.8 | 39.9 | 53.9   | 36.3             | 53.1             | 72.5             | 53.3             |
| 2013    | 31.6 | 30.6 | 35.3 | 47.2 | 57.2 | 67.1 | 73.3 | 68.0 | 61.0 | 54.5 | 38.4 | 33.6 | 49.8   | 34.0             | 46.6             | 69.5             | 51.3             |
| 2014    | 21.8 | 27.3 | 31.2 | 45.5 | 57.4 | 66.9 | 70.0 | 67.8 | 64.4 | 53.2 | 37.8 | 35.8 | 48.3   | 27.6             | 44.7             | 68.2             | 51.8             |
| 2015    | 26.3 | 19.3 | 31.6 | 46.2 | 61.0 | 68.3 | 71.9 | 69.6 | 66.2 | 50.3 | 45.8 | 43.7 | 50.0   | 27.1             | 46.3             | 69.9             | 54.1             |
| 2016    | 27.3 | 30.9 | 41.7 | 45.8 | 55.2 | 66.6 | 73.7 | 73.9 | 68.5 | 56.1 | 43.4 | 35.2 | 51.5   | 34.0             | 47.6             | 71.4             | 56.0             |
| 2017    | 35.5 | 37.1 | 37.5 | 53.5 | 57.1 | 67.6 | 72.1 | 70.9 | 66.2 | 57.3 | 41.8 | 31.9 | 52.4   | 35.9             | 49.4             | 70.2             | 55.1             |
| 2018    | 25.8 | 36.6 | 36.7 | 45.7 | 63.4 | 69.2 | 74.1 | 73.8 | 71.7 | 56.9 | 41.2 | 37.6 | 52.7   | 31.4             | 48.6             | 72.4             | 56.6             |
| 2019    | 31.1 | 34.2 | 39.1 | 53.2 | 63.5 | 70.5 | 76.0 | 73.9 | 69.2 | 55.7 | 38.5 | 34.3 | 53.3   | 34.3             | 51.9             | 73.5             | 54.5             |
| 2020    | 34.3 | 34.8 | 42.8 | 45.5 | 54.1 | 67.5 | 74.5 | 72.1 | 63.1 | 54.4 | 45.3 | 34.6 | 51.9   | 34.5             | 47.5             | 71.4             | 54.3             |
| 2021    | 31.5 | 31.3 | 40.3 | 47.3 | 55.4 | 67.7 | 72.3 | 72.5 | 64.9 | 59.0 | 39.6 | 39.3 | 51.8   | 32.5             | 47.7             | 70.8             | 54.5             |
| 2022    | 27.3 | 32.1 | 39.6 | 47.0 | 59.4 | 66.4 | 72.9 | 71.9 | 64.4 | 50.0 |      | 32.0 |        | 32.9             | 48.7             | 70.4             |                  |
| 2023    | 37.5 | 36.7 | 39.5 | 51.3 | 54.9 | 63.7 | 73.0 | 70.7 | 65.5 | 53.0 | 40.6 | 38.6 | 52.1   | 35.4             | 48.6             | 69.1             | 53.0             |
| 2024    | 33.5 | 35.8 | 42.6 | 50.9 | 61.1 | 69.3 | 73.8 | 69.2 | 65.2 | 52.4 | 45.8 | 32.4 | 52.7   | 36.0             | 51.5             | 70.8             | 54.5             |
| 2025    | 24.6 | 30.6 | 40.2 | 50.1 | 59.0 | 68.3 | 74.2 | 68.7 | 68.0 | 52.5 | 41.5 | 29.6 | 50.6   | 29.2             | 49.8             | 70.4             | 54.0             |
| 2026    | 25.3 | 27.8 | 39.5 | 50.3 | 56.5 | 67.4 | 72.4 |      |      |      |      |      |        | 27.6             | 48.8             |                  |                  |
| Average | 29.6 | 31.2 | 38.5 | 48.4 | 58.1 | 67.5 | 72.8 | 71.2 | 65.4 | 53.4 | 42.4 | 34.6 | 51.1   | 31.8             | 48.3             | 70.5             | 53.8             |
| Maximum | 37.5 | 37.1 | 47.1 | 53.5 | 63.9 | 71.3 | 76.0 | 73.9 | 71.7 | 59.0 | 45.8 | 43.7 | 53.9   | 36.3             | 53.1             | 73.5             | 56.6             |
| Minimum | 21.8 | 19.3 | 31.2 | 44.2 | 52.4 | 63.7 | 68.7 | 67.8 | 61.0 | 49.4 | 37.8 | 27.4 | 48.3   | 27.1             | 44.6             | 68.2             | 51.3             |

## AVERAGE MEAN TEMPERATURE (°F)

| Year    | Jan  | Feb  | Mar  | Apr  | May  | Jun  | Jul  | Aug  | Sep  | Oct  | Nov  | Dec  | Annual | Winter (Dec-Feb) | Spring (Mar-May) | Summer (Jun-Aug) | Autumn (Sep-Nov) |
|---------|------|------|------|------|------|------|------|------|------|------|------|------|--------|------------------|------------------|------------------|------------------|
| 2001    |      |      |      |      |      |      |      |      |      |      | 53.0 | 44.9 |        |                  |                  |                  |                  |
| 2002    | 40.5 | 41.4 | 45.9 | 57.4 | 63.8 | 74.1 | 79.1 | 78.5 | 71.8 | 58.7 | 46.6 | 36.4 | 57.9   | 42.3             | 55.7             | 77.2             | 59.0             |
| 2003    | 30.7 | 32.2 | 44.1 | 53.5 | 60.5 | 70.4 | 77.4 | 78.0 | 70.6 | 58.3 | 52.1 | 38.3 | 55.5   | 33.1             | 52.7             | 75.3             | 60.3             |
| 2004    | 29.4 | 36.5 | 46.8 | 56.1 | 70.9 | 72.5 | 77.7 | 75.5 | 71.3 | 58.2 | 50.9 | 39.7 | 57.1   | 34.7             | 57.9             | 75.2             | 60.1             |
| 2005    | 34.9 | 37.1 | 41.3 | 55.5 | 60.0 | 74.0 | 79.7 | 79.1 | 74.4 | 59.9 | 50.1 | 36.0 | 56.8   | 37.2             | 52.3             | 77.6             | 61.5             |
| 2006    | 41.7 | 37.8 | 45.7 | 57.9 | 63.8 | 72.9 | 79.5 | 78.9 | 67.3 | 57.1 | 50.4 | 43.6 | 58.0   | 38.5             | 55.8             | 77.1             | 58.3             |
| 2007    | 40.5 | 30.6 | 45.3 | 52.1 | 65.8 | 74.3 | 77.4 | 77.8 | 71.6 | 64.9 | 48.3 | 40.6 | 57.4   | 38.2             | 54.4             | 76.5             | 61.6             |
| 2008    | 39.1 | 40.1 | 47.3 | 56.9 | 63.6 | 76.7 | 79.1 | 75.8 | 72.2 | 58.8 | 48.2 | 41.5 | 58.3   | 39.9             | 55.9             | 77.2             | 59.7             |
| 2009    | 32.4 | 39.7 | 44.7 | 56.5 | 64.9 | 72.4 | 75.8 | 78.1 | 68.8 | 57.8 | 51.3 | 38.4 | 56.7   | 37.9             | 55.4             | 75.4             | 59.3             |
| 2010    | 34.6 | 34.2 | 49.6 | 58.6 | 66.8 | 78.0 | 80.6 | 78.1 | 72.3 | 59.3 | 49.3 | 33.0 | 57.9   | 35.7             | 58.3             | 78.9             | 60.3             |
| 2011    | 31.4 | 38.8 | 45.0 | 58.2 | 68.5 | 77.1 | 82.0 | 77.4 | 71.7 | 58.8 | 52.6 | 45.7 | 58.9   | 34.4             | 57.2             | 78.8             | 61.0             |
| 2012    | 41.5 | 44.0 | 55.1 | 57.7 | 70.0 | 76.1 | 83.0 | 79.9 | 71.9 | 61.3 | 47.1 | 46.3 | 61.2   | 43.7             | 60.9             | 79.7             | 60.1             |
| 2013    | 38.1 | 36.5 | 41.6 | 55.3 | 64.5 | 74.3 | 79.3 | 74.2 | 68.1 | 60.6 | 46.0 | 40.3 | 56.6   | 40.3             | 53.8             | 75.9             | 58.2             |
| 2014    | 29.8 | 34.0 | 39.5 | 53.5 | 65.2 | 73.6 | 76.7 | 74.2 | 70.5 | 60.3 | 45.3 | 41.3 | 55.3   | 34.7             | 52.7             | 74.8             | 58.7             |
| 2015    | 32.9 | 27.0 | 39.8 | 54.9 | 68.6 | 75.0 | 77.9 | 76.4 | 72.8 | 57.5 | 52.8 | 50.3 | 57.2   | 33.7             | 54.4             | 76.4             | 61.0             |
| 2016    | 34.7 | 38.6 | 50.2 | 54.6 | 61.7 | 74.0 | 80.5 | 80.7 | 74.2 | 63.2 | 51.8 | 42.1 | 58.9   | 41.2             | 55.5             | 78.4             | 63.1             |
| 2017    | 41.4 | 45.6 | 45.6 | 61.3 | 64.6 | 75.4 | 78.8 | 77.0 | 73.0 | 64.8 | 49.5 | 38.4 | 59.6   | 43.0             | 57.2             | 77.1             | 62.4             |
| 2018    | 34.0 | 44.5 | 43.1 | 54.5 | 70.8 | 76.1 | 80.8 | 81.0 | 76.9 | 63.9 | 47.5 | 43.7 | 59.7   | 39.0             | 56.1             | 79.3             | 62.8             |
| 2019    | 38.0 | 41.5 | 46.5 | 61.4 | 70.6 | 78.0 | 83.5 | 80.7 | 76.1 | 62.4 | 45.3 | 40.6 | 60.4   | 41.1             | 59.5             | 80.7             | 61.3             |
| 2020    | 40.6 | 41.6 | 50.2 | 53.0 | 61.4 | 74.6 | 81.5 | 78.3 | 69.5 | 61.1 | 53.3 | 41.1 | 58.9   | 40.9             | 54.9             | 78.1             | 61.3             |
| 2021    | 37.4 | 36.6 | 48.5 | 56.2 | 64.3 | 74.6 | 79.0 | 78.6 | 72.3 | 65.3 | 47.5 | 46.2 | 58.9   | 38.4             | 56.3             | 77.4             | 61.7             |
| 2022    | 33.8 | 40.9 | 48.4 | 54.6 | 66.0 | 73.7 | 79.8 | 79.0 | 71.4 | 57.1 |      | 39.4 |        | 40.3             | 56.3             | 77.5             |                  |
| 2023    | 44.3 | 44.7 | 47.3 | 59.7 | 62.8 | 71.2 | 79.7 | 77.2 | 71.9 | 61.3 | 48.3 | 44.7 | 59.4   | 42.8             | 56.6             | 76.0             | 60.5             |
| 2024    | 39.9 | 42.7 | 50.0 | 58.4 | 67.6 | 77.4 | 79.8 | 76.2 | 70.7 | 60.5 | 52.8 | 39.1 | 59.6   | 42.4             | 58.7             | 77.8             | 61.3             |
| 2025    | 31.2 | 37.4 | 49.3 | 57.9 | 65.5 | 75.1 | 80.6 | 74.5 | 72.0 | 59.4 | 49.0 | 36.3 | 57.4   | 35.9             | 57.6             | 76.7             | 60.1             |
| 2026    | 32.4 | 33.9 | 48.8 | 59.0 | 64.1 | 75.2 | 79.6 |      |      |      |      |      |        | 34.2             | 57.3             |                  |                  |
| Average | 36.2 | 38.3 | 46.4 | 56.6 | 65.5 | 74.7 | 79.6 | 77.7 | 71.8 | 60.4 | 49.5 | 41.1 | 58.2   | 38.5             | 56.1             | 77.3             | 60.6             |
| Maximum | 44.3 | 45.6 | 55.1 | 61.4 | 70.9 | 78.0 | 83.5 | 81.0 | 76.9 | 65.3 | 53.3 | 50.3 | 61.2   | 43.7             | 60.9             | 80.7             | 63.1             |
| Minimum | 29.4 | 27.0 | 39.5 | 52.1 | 60.0 | 70.4 | 75.8 | 74.2 | 67.3 | 57.1 | 45.3 | 33.0 | 55.3   | 33.1             | 52.3             | 74.8             | 58.2             |



Annapolis ASOS station location - per Google Earth



View looking south from the Naval Academy Bridge (Rte 450/Baltimore Annapolis Blvd), per Google Maps Streetview