

Summary of 24-Hr Lead Levels At Rural St. Port Huron

Updated 2/21/17

AIRS ID = 261470031

* Expressed to four significant figures using truncation at local conditions.

** NAAQS = 0.15 ug/m3 as a rolling 3 month average.

*** WD's shown if wind is from 1 direction for 5hr or more. Otherwise, see Prot Huron Met Summary SI + no WD with a frequency > 5 hours

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|------------|----------------|-------------|-----------------------------|----------------|----------|----------|
| 11/5/2012 | 3 | variable | 0.007031 | 0.0300286 | --- | |
| 11/11/2012 | 11 | S, SSW, | 0.09954 | | | |
| 11/17/2012 | 3 | S, , | 0.03056 | | | |
| 11/23/2012 | 12 | W, SSW, | 0.00438 | | | |
| 11/29/2012 | 5 | SW, SSW, | 0.008632 | | | |
| 12/5/12 | 7 | NW, WNW, | 0.00109 | 0.0031118 | --- | |
| 12/11/12 | 6 | SW, NW, | 0.007601 | | | |
| 12/17/12 | 4 | variable | 0.002373 | | | |
| 12/23/12 | 6 | SW, NNW, NW | 0.001866 | | | |
| 12/29/12 | 6 | NW, ENE, | 0.002629 | | | |
| 1/4/13 | 11 | WSW, SW, | 0.003216 | 0.0116955 | 0.0149 | |
| 1/10/13 | 5 | SE, SSE, | 0.005383 | | | |
| 1/16/13 | 6 | SW, , | VOID | | | |
| 1/22/13 | 7 | WNW, , | 0.004503 | | | |
| 1/28/13 | 7 | S, W, | 0.03368 | | | |
| 2/3/13 | 5 | W, WSW, WNW | 0.005139 | 0.008389 | 0.0077 | |
| 2/9/13 | 5 | NW, S, | 0.00718 | | | |
| 2/15/13 | 7 | WNW, NW, | 0.002025 | | | |
| 2/21/13 | 8 | NNW, NW, | 0.001891 | | | |
| 2/27/13 | 7 | ESE, SSW, | 0.02571 | | | |
| 3/5/13 | 6 | NE, NNE, | 0.002884 | 0.0122766 | 0.0108 | |
| 3/11/13 | 11 | S, SW, | 0.05061 | | | |
| 3/17/13 | 7 | NE, NE, | 0.001935 | | | |
| 3/23/13 | 4 | NNW, W, NW | 0.002146 | | | |
| 3/29/13 | 4 | NW, NNE, | 0.003808 | | | |
| 4/4/13 | 8 | SSW, S, | 0.05971 | 0.0227226 | 0.01446 | |
| 4/10/13 | 8 | NNE, N, | 0.002506 | | | |
| 4/16/13 | 6 | NNE, , | 0.02306 | | | |
| 4/22/13 | 6 | SSE, , | 0.01962 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|----------------|--------------|-----------------------------|----------------|----------|----------|
| 4/28/13 | 6 | SE, , | 0.008717 | | | |
| 5/4/13 | 7 | SE, SSE, ESE | 0.01978 | 0.02649 | 0.02050 | |
| 5/10/13 | 6 | NNW, NW, | 0.003366 | | | |
| 5/16/13 | 6 | NNE, NE, | 0.002684 | | | |
| 5/22/13 | 7 | SSW, SW, | 0.05837 | | | |
| 5/28/13 | 5 | S, SE, SSE | 0.04825 | | | |
| 6/3/13 | 4 | WNW, , | 0.008576 | 0.0338162 | 0.02768 | |
| 6/9/13 | 5 | SE, ESE, | 0.008765 | | | |
| 6/15/13 | 4 | SW, SSW, WSW | 0.02007 | | | |
| 6/21/13 | 6 | S, , | 0.1001 | | | |
| 6/27/13 | 3 | SSE, , | 0.03157 | | | |
| 7/3/13 | 3 | S, , | 0.05224 | 0.0206956 | 0.02700 | |
| 7/9/13 | 4 | SW, , | 0.03243 | | | |
| 7/15/13 | 2 | NNE, , | 0.009759 | | | |
| 7/21/13 | 2 | N, NNE, | 0.002944 | | | |
| 7/27/13 | 5 | SSW, S, | 0.006105 | | | |
| 8/2/13 | 6 | W, SW, WSW | 0.009176 | 0.0131414 | 0.02255 | |
| 8/8/13 | 5 | NNE, NE, | 0.004092 | | | |
| 8/14/13 | 6 | NW, , | 0.002246 | | | |
| 8/20/13 | 5 | WSW, SSW, | 0.04096 | | | |
| 8/26/13 | 5 | SW, WSW, W | 0.009233 | | | |
| 9/1/13 | 3 | variable | 0.009513 | 0.04198475 | 0.02527 | |
| 9/7/13 | 4 | SW, , | 0.01184 | | | |
| 9/13/13 | 8 | NNW, N, | 0.001386 | | | |
| 9/19/13 | 7 | S, , | 0.1452 | | | |
| 9/25/13 | 3 | WNW, , | VOID | | | |
| 10/1/13 | 6 | SW, SSW, | 0.03535 | 0.03687433 | 0.03067 | |
| 10/7/13 | 6 | WSW, , | 0.002995 | | | |
| 10/13/13 | 2 | W, WNW, | 0.00288 | | | |
| 10/19/13 | 5 | SW, WSW, | 0.005036 | | | |
| 10/25/13 | 7 | W, SW, | 0.002385 | | | |
| 10/31/13 | 12 | SSW, S, | 0.1726 | | | |
| 11/6/13 | 10 | S, SSW, | 0.1247 | 0.0282764 | 0.03571 | |
| 11/12/13 | 9 | NW, , | 0.001285 | | | |
| 11/18/13 | 14 | W, WSW, | 0.004332 | | | |
| 11/24/13 | 7 | WNW, NW, | 0.003062 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|----------------|--------------|-----------------------------|----------------|----------|----------|
| 11/30/13 | 9 | S, SSW, | 0.008003 | | | |
| 12/6/13 | 6 | NW, WNW, | 0.001835 | 0.010708 | 0.02529 | |
| 12/12/13 | 8 | SW, WSW, | 0.006593 | | | |
| 12/18/13 | 7 | WSW, SSW, SW | 0.03672 | | | |
| 12/24/13 | 6 | WNW, NW, | 0.001944 | | | |
| 12/30/13 | 5 | NNW, , | 0.006448 | | | |
| 1/5/14 | 5 | NNE, NE, SSW | 0.003304 | 0.028166 | 0.02238 | |
| 1/11/14 | 9 | W, SSW, | 0.08305 | | | |
| 1/17/14 | 7 | SW, SSW, | 0.02993 | | | |
| 1/23/14 | 5 | NNW, NW, | 0.003136 | | | |
| 1/29/14 | 9 | SW, WSW, SSW | 0.02141 | | | |
| 2/4/14 | 2 | variable | 0.006216 | 0.00635676 | 0.01508 | |
| 2/10/14 | 3 | NE, , | 0.001823 | | | |
| 2/16/14 | 3 | NNE, , | 0.0000664 | | | |
| 2/22/14 | 12 | WSW, SW, | 0.0000584 | | | |
| 2/28/14 | 6 | S, , | 0.02362 | | | |
| 3/6/14 | 6 | SE, ENE, ESE | 0.002107 | 0.0042736 | 0.01293 | |
| 3/12/14 | 13 | NNE, N, NNW | 0.001384 | | | |
| 3/18/14 | 6 | SE, ESE, | 0.013 | | | |
| 3/24/14 | 5 | W, WNW, | 0.003078 | | | |
| 3/30/14 | 7 | N, NNE, | 0.001799 | | | |
| 4/5/14 | 8 | NW, WNW, | 0.003261 | 0.012928 | 0.00785 | |
| 4/11/14 | 4 | NE, , | 0.01823 | | | |
| 4/17/14 | 9 | S, SE, SSE | 0.02797 | | | |
| 4/23/14 | 7 | NNE, NNW, | 0.002251 | | | |
| 4/29/14 | 11 | SE, ESE, | | | | |
| 5/5/14 | 3 | NNE, , | 0.005155 | 0.004337 | 0.00718 | |
| 5/11/14 | 6 | S, , | VOID | | | |
| 5/17/14 | 4 | variable | 0.008422 | | | |
| 5/23/14 | 4 | W, NE, | 0.002217 | | | |
| 5/29/14 | 4 | NNE, , | 0.001554 | | | |
| 6/4/14 | 3 | variable | 0.01798 | 0.0261014 | 0.01446 | |
| 6/10/14 | 4 | N, NNE, | 0.001837 | | | |
| 6/16/14 | 5 | W, , | 0.01403 | | | |
| 6/22/14 | 3 | S, , | 0.02499 | | | |
| 6/28/14 | 5 | S, SSE, | 0.07167 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|----------------|--------------|-----------------------------|----------------|----------|----------|
| 7/4/14 | 3 | NE, , | 0.01687 | 0.0184786 | 0.01631 | |
| 7/10/14 | 3 | NE, NNE, | 0.004517 | | | |
| 7/16/14 | 4 | W, WNW, | 0.001975 | | | |
| 7/22/14 | 6 | SSW, S, | 0.0669 | | | |
| 7/28/14 | 7 | N, NNW, | 0.002131 | | | |
| 8/3/14 | 1 | WSW, , | 0.01671 | 0.006159 | 0.01691 | |
| 8/9/14 | 3 | NE, NNE, | 0.003179 | | | |
| 8/15/14 | 4 | WNW, W, | 0.004002 | | | |
| 8/21/14 | 3 | NE, W, | 0.002817 | | | |
| 8/27/14 | 5 | NNE, NE, | 0.004087 | | | |
| 9/2/14 | 4 | SW, WSW, | 0.009153 | 0.0308172 | 0.01848 | |
| 9/8/14 | 4 | SE, SSE, WSW | 0.02777 | | | |
| 9/14/14 | 3 | W, WSW, | 0.02778 | | | |
| 9/20/14 | 8 | SSW, SW, | 0.0795 | | | |
| 9/26/14 | 3 | NE, , | 0.009883 | | | |
| 10/2/14 | 7 | SSE, SE, | 0.05774 | 0.042354 | 0.02644 | |
| 10/8/14 | 7 | WSW, W, | 0.003624 | | | |
| 10/14/14 | 9 | N, NNE, | 0.1301 | | | |
| 10/20/14 | 5 | N, , | 0.01759 | | | |
| 10/26/14 | 6 | NW, W, WNW | 0.002716 | | | |
| 11/1/14 | 12 | NNW, N, NNE | 0.001076 | 0.012601 | 0.02859 | |
| 11/7/14 | 8 | NW, NNW, | 0.01627 | | | |
| 11/13/14 | 6 | W, WSW, | 0.004039 | | | |
| 11/19/14 | 10 | SW, SSW, | 0.03635 | | | |
| 11/25/14 | 10 | WSW, SW, | 0.00527 | | | |
| 12/1/14 | 9 | NNW, NW, | 0.001369 | 0.00202073 | 0.01899 | |
| 12/7/14 | 7 | ESE, , | 0.002868 | | | |
| 12/13/14 | 6 | WSW, , | 0.003072 | | | |
| 12/19/14 | 5 | NW, N, NNW | 0.001569 | | | |
| 12/25/14 | 10 | WSW, SW, | 0.0009584 | | | |
| 12/31/14 | 10 | WSW, SW, | 0.002288 | | | |
| 1/6/15 | 9 | WSW, SW, W | 0.002426 | 0.0070642 | 0.00723 | |
| 1/12/15 | 9 | NNW, SW, | 0.004445 | | | |
| 1/18/15 | 8 | SSW, SW, W | 0.01773 | | | |
| 1/24/15 | 6 | SW, WSW, SSW | 0.007015 | | | |
| 1/30/15 | 10 | NW, , | 0.003705 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|---------|----------------|--------------|-----------------------------|----------------|----------|-----------|
| 2/5/15 | 8 | WNW, SSW, NW | 0.01761 | 0.04121 | 0.01676 | |
| 2/11/15 | 7 | S, SSW, | 0.06717 | | | |
| 2/17/15 | 6 | SSW, , | 0.04295 | | | |
| 2/23/15 | 7 | NW, WNW, | 0.03711 | | | |
| 3/1/15 | 5 | WSW, S, | 0.01084 | 0.01938533 | 0.02255 | |
| 3/7/15 | 6 | SW, SSW, | 0.01433 | | | |
| 3/13/15 | 8 | S, SSE, | 0.06211 | | | |
| 3/19/15 | 4 | NE, , | 0.002922 | | | |
| 3/25/15 | 9 | SE, WSW, | 0.01477 | | | |
| 3/31/15 | 6 | NE, , | 0.01134 | | | |
| 4/8/15 | 6 | NNE, N, | 0.007973 | | | 0.0209406 |
| 4/12/15 | 7 | S, SSW, | 0.08901 | | | |
| 4/18/15 | 8 | NNE, , | 0.004882 | | | |
| 4/24/15 | 7 | NNW, NE, NNE | 0.001303 | | | |
| 4/30/15 | 6 | N, NNE, | 0.001535 | | | |
| 5/6/15 | 4 | NNE, , | 0.003145 | 0.0238292 | 0.02139 | |
| 5/12/15 | 11 | W, WSW, | 0.002221 | | | |
| 5/18/15 | 7 | SSW, SW, | 0.07146 | | | |
| 5/24/15 | 3 | E, , | 0.01116 | | | |
| 5/30/15 | 8 | N, SSW, | 0.03116 | | | |
| 6/5/15 | 6 | N, NNE, | 0.01475 | 0.0240482 | 0.02294 | |
| 6/11/15 | 3 | NNE, , | 0.003377 | | | |
| 6/17/15 | 4 | NE, SE, SSE | 0.03962 | | | |
| 6/23/15 | 7 | NW, , | 0.006844 | | | |
| 6/29/15 | 5 | SSW, S, | 0.05565 | | | |
| 7/5/15 | 5 | SSW, SW, S | 0.08543 | 0.0382775 | 0.02872 | |
| 7/11/15 | 4 | SW, SSW, WSW | 0.01203 | | | |
| 7/17/15 | 7 | SSW, SW, | 0.04217 | | | |
| 7/23/15 | -- | -- | Void | | | |
| 7/25/15 | 5 | SW, , | 0.01348 | | | |
| 7/29/15 | -- | -- | Void | | | |
| 8/1/15 | | | 0.006313 | 0.02898117 | 0.03044 | |
| 8/4/15 | 5 | W, , | 0.005184 | | | |
| 8/10/15 | 3 | variable | 0.04934 | | | |
| 8/16/15 | 6 | SSW, SW, | 0.05407 | | | |
| 8/22/15 | 4 | S, SSW, | 0.01544 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|----------------|--------------|-----------------------------|----------------|----------|----------|
| 8/28/15 | 4 | S, WSW, | 0.04354 | | | |
| 9/3/15 | 3 | variable | 0.03155 | 0.0558444 | 0.04103 | |
| 9/9/15 | 4 | NE, NNW, | 0.003642 | | | |
| 9/15/15 | 6 | S, SSW, | 0.1379 | | | |
| 9/21/15 | 5 | NE, , | 0.01267 | | | |
| 9/27/15 | 5 | SSE, E, | 0.09346 | | | |
| 10/3/15 | 10 | ENE, NE, | 0.001812 | 0.018625 | 0.03448 | |
| 10/9/15 | 6 | NW, NNW, | 0.006864 | | | |
| 10/15/15 | 8 | WSW, SW, | 0.005799 | | | |
| 10/21/15 | 6 | S, SSW, | 0.07034 | | | |
| 10/27/15 | 7 | E, ESE, | 0.00831 | | | |
| 11/2/15 | 5 | S, SSW, | 0.1079 | 0.0399948 | 0.03815 | |
| 11/8/15 | 4 | SSW, W, | 0.0675 | | | |
| 11/14/15 | 7 | SSW, W, WNW | 0.0144 | | | |
| 11/20/15 | 8 | SW, WSW, | 0.00428 | | | |
| 11/26/15 | 11 | S, SSW, | 0.005894 | | | |
| 12/2/15 | 3 | variable | 0.007921 | 0.0807586 | 0.04646 | |
| 12/8/15 | 6 | S, SSW, | 0.18 | | | |
| 12/14/15 | 10 | SSE, SW, S | 0.1618 | | | |
| 12/20/15 | 10 | S, SSW, | 0.05163 | | | |
| 12/26/15 | 6 | E, ENE, NE | 0.002442 | | | |
| 1/1/16 | 8 | WSW, SW, | 0.004241 | 0.0502695 | 0.05701 | |
| 1/7/16 | 4 | S, , | 0.05886 | | | |
| 1/13/16 | 8 | W, SW, WSW | 0.0105 | | | |
| 1/19/16 | 6 | W, WNW, | 0.002186 | | | |
| 1/25/16 | 8 | S, , | 0.1296 | | | |
| 1/31/16 | 7 | SSW, S, | 0.09623 | | | |
| 2/6/16 | 7 | SW, , | 0.2371 | 0.07133575 | 0.06745 | |
| 2/12/16 | 9 | SW, , | 0.007326 | | | |
| 2/18/16 | 7 | S, SE, SSE | 0.03887 | | | |
| 2/24/16 | 10 | NE, NNE, N | 0.002047 | | | |
| 3/1/16 | 8 | N, ENE, | 0.002653 | 0.02050217 | 0.04737 | |
| 3/7/16 | 7 | SSW, SW, SSE | 0.06513 | | | |
| 3/13/16 | 5 | ESE, E, | 0.007043 | | | |
| 3/19/16 | 7 | ENE, N, NNE | 0.001621 | | | |
| 3/25/16 | 7 | NW, , | 0.004436 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|----------------|------------|-----------------------------|----------------|----------|----------|
| 3/31/16 | 12 | SSW, , | 0.04213 | | | |
| 4/6/16 | 8 | SSE, S, | 0.03582 | 0.01458325 | 0.03547 | |
| 4/12/16 | 6 | NW, NE, | 0.002424 | | | |
| 4/18/16 | 5 | SW, N, | 0.01437 | | | |
| 4/24/16 | 3 | variable | 0.005719 | | | |
| 4/30/16 | 5 | NNE, NE, | VOID | | | |
| 5/6/16 | 4 | NNE, N, | 0.004667 | 0.0235186 | 0.01953 | |
| 5/12/16 | 5 | S, , | 0.06747 | | | |
| 5/18/16 | 4 | N, NE, NNE | 0.001771 | | | |
| 5/24/16 | 5 | SSW, SW, | 0.03968 | | | |
| 5/30/16 | 3 | W, NW, | 0.004005 | | | |
| 6/5/16 | 7 | SW, W, WSW | 0.003516 | 0.006122 | 0.01474 | |
| 6/11/16 | 9 | W, WNW, | 0.01786 | | | |
| 6/17/16 | 3 | N, NNE, | 0.003829 | | | |
| 6/23/16 | 4 | NNE, , | 0.002015 | | | |
| 6/29/16 | 3 | NE, WNW, | 0.00339 | | | |
| 7/5/16 | 5 | W, WNW, | 0.007835 | 0.0365968 | 0.02208 | |
| 7/11/16 | 4 | S, SSE, | 0.1024 | | | |
| 7/17/16 | 7 | S, SW, SSW | 0.06659 | | | |
| 7/23/16 | 3 | NNE, WNW, | 0.004116 | | | |
| 7/29/16 | 6 | N, NNE, NE | 0.002043 | | | |
| 8/4/16 | 4 | S, , | 0.1213 | 0.0383628 | 0.02703 | |
| 8/10/16 | 3 | SSW, WSW, | 0.0157 | | | |
| 8/16/16 | 6 | variable | 0.03831 | | | |
| 8/22/16 | 4 | W, WNW, | 0.01145 | | | |
| 8/28/16 | 4 | SW, WNW, | 0.005054 | | | |
| 9/3/16 | 3 | NE, , | 0.004039 | 0.0164596 | 0.03047 | |
| 9/9/16 | 3 | WNW, NNE, | 0.01728 | | | |
| 9/15/16 | 3 | NE, ENE, | 0.005019 | | | |
| 9/21/16 | 4 | SW, SSW, | 0.04588 | | | |
| 9/27/16 | 6 | SW, SSW, | 0.01008 | | | |
| 10/3/16 | 3 | NE, , | 0.001381 | 0.01473326 | 0.02319 | |
| 10/9/16 | 5 | NW, N, WNW | 0.003646 | | | |
| 10/15/16 | 7 | S, SSW, | 0.06679 | | | |
| 10/21/16 | 10 | NNW, N, | 0.001034 | | | |
| 10/27/16 | 7 | variable | 0.0008153 | | | |

| | Avg WS, mph | WD*** | 24-Hr Lead Value*, ug/m3 | Monthly Avg | 3 Mo avg | Comments |
|----------|------------------------|--------------|-------------------------------------|------------------------|-----------------|-----------------|
| 11/2/16 | 3 | NNE, N, | 0.009845 | 0.0212222 | 0.01747 | |
| 11/8/16 | 6 | SSW, SW, | 0.01362 | | | |
| 11/14/16 | 7 | SSW, S, | 0.07722 | | | |
| 11/20/16 | 14 | NW, , | 0.003696 | | | |
| 11/26/16 | 6 | WNW, W, WSW | 0.00173 | | | |
| 12/2/16 | 9 | WNW, , | 0.001287 | 0.013074 | 0.01634 | |
| 12/8/16 | 11 | W, , | 0.001941 | | | |
| 12/14/16 | 9 | SW, W, | 0.006798 | | | |
| 12/20/16 | 11 | SSW, SW, | 0.04984 | | | |
| 12/26/16 | 12 | SW, , | 0.005504 | | | |