**Formatted Correlation Coefficients**

Notes:

\*With the exception of these highlighted dates, all the other dates in the column are of the Monday for the week beginning. This is because PA-39 begins recording much earlier than the other monitors so we can just consider the actual weekly dates of coefficients. From April 2019 onwards, most of the other monitors begin recording, so the date given is the Monday for the week beginning in which the correlation coefficient is calculated.

As long as the weekly coefficients are calculated with a starting date in the given week period, they are counted as being in that week. Eg. PA-21 begins recording on Friday 6/4/2019 but the given date in the column is 1/4/2019 (the Monday of that week) as 6/4/2010 falls in the week of Mon 1/4/2019 – Mon 8/4/2019. PA-07 also has the same starting date as PA-21 (1/4/2018) as it starts recording on Wednesday 3/4/2019 and is included in the same week.

The actual recording date is given in brackets in the first cell containing data for each monitor (if different from given date). The blanks in the cells are periods of inactivity, and the actual date of restart is not given in brackets.

\*\* “?” is in place of Cavell Avenue’s ID

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Date | ?\*\* | PA-02 | PA-03 | PA-06 | PA-07 | PA-08 | PA-14 | PA-18 | PA-19 | PA-20 | PA-21 | PA-22 | PA-23 | PA-24 | PA-25 | PA-26 | PA-27 | PA-28 | PA-29 | PA-30 | PA-31 | PA-32 | PA-34 | PA-36 | PA-37 | PA-38 | PA-39 |
| 25/5/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **0.283296** |  |  |  |  |  |  |  |  |  |  |  |  |
| 4/6/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **0.86192316** |  |  |  |  |  |  |
| 18/7/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **0.72218751** |
| 25/7/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.912424 |
| 1/8/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.910545 |
| 8/8/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.92572 |
| 15/8/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.940296 |
| 22/8/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.810456 |
| 29/8/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.851801 |
| 5/9/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.985095 |
| 12/9/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.7982 |
| 19/9/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.892858 |
| 26/9/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.544833 |
| 3/10/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.649084 |
| 10/10/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.587303 |
| 17/10/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.485264 |
| 24/10/2018 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.602532 |
| 1/4/2019 |  |  | **(4/4/2019) 0.963132** |  | **(3/4/2019) 0.933437** |  |  |  |  |  | **(6/4/ 2019)**  **0.969605** |  |  |  |  |  |  |  | **(2/4/2019) 0.985328** | **(6/4/2019)0.992989** |  | **(2/4/2019) 0.987261** |  |  |  |  |  |
| 8/4/2019 |  | **(13/4/2019)**  **0.965385** | 0.728438 | **(10/4/2019) 0.983155** | 0.443904 |  | **(13/4/2019) 0.796847** |  | **(9/4/2019) 0.913213** |  | 0.99036 | **0.780207** | **(9/4/2019) 0.913834** | **(14/4/ 2019) 0.96574137** |  |  |  |  | 0.968384 | 0.977833 |  | 0.899517 |  |  |  |  | 0.913642 |
| 15/4/2019 |  | 0.230224 | 0.759932 | 0.994464 | 0.898128 |  | 0.95505 |  | 0.992408 |  | 0.995728 | 0.974958 | 0.970343 |  |  |  |  |  | 0.97528 | 0.954049 |  | 0.923713 |  |  |  |  | 0.657933 |
| 22/4/2019 |  | 0.987891 | 0.830555 | 0.988259 | 0.929979 |  | 0.973476 | **0.92792** | 0.994935 |  | 0.993906 | 0.996063 | 0.995363 |  |  |  |  |  | 0.985042 | 0.805432 |  | 0.701185 |  |  |  |  | 0.992758 |
| 29/4/2019 |  | 0.912104 | 0.576145 | 0.987518 | 0.805907 |  | 0.961403 | 0.878404 | 0.990586 |  | 0.994709 | 0.988382 | 0.971397 |  |  |  |  |  | 0.961605 | 0.8973 |  | 0.579612 |  |  |  |  | 0.977783 |
| 6/5/2019 |  | 0.924493 | 0.547895 | 0.989893 | 0.731293 |  | 0.80866 | 0.887704 | 0.987064 |  | 0.978858 | 0.980979 | 0.940228 |  |  |  | **(8/5/2019)0.756801** |  | 0.845734 | 0.775797 |  | - |  |  |  |  | 0.983828 |
| 13/5/2019 |  | 0.831561 | 0.790011 | 0.876291 | 0.656757 |  | 0.944613 | 0.959443 | 0.982479 |  | 0.986269 | 0.986613 | 0.97126733 | 0.944509 |  |  | 0.570908 |  | 0.931686 | 0.882005 |  | - |  |  |  |  | 0.971811 |
| 20/5/2019 |  | 0.966324 | 0.651383 | 0.976045 | 0.699169 |  | 0.90305 | 0.967652 | 0.932581 |  | 0.981105 | 0.995713 | 0.95996183 | 0.981228 |  |  | 0.702547 |  | 0.892705 | 0.954731 |  | 0.967773 |  | **(22/5/2019) 0.926705** |  |  | 0.988642 |
| 27/5/2019 | **(29/5/2019)**  **0.80330764** | 0.989572 | 0.796812 | 0.993699 | 0.821648 |  | 0.995994 | 0.93908 | 0.979251 | **0.98429532** | 0.997949 | 0.975317 |  | 0.950751 | **(1/6/2019) 0.906754** |  | 0.800175 |  | 0.812712 | 0.992729 |  | 0.973602 |  | 0.92316 |  |  | 0.969999 |
| 3/6/2019 |  | 0.972216 | 0.968257 | 0.996591 | 0.992081 |  | 0.95035 | 0.994929 | 0.979101 |  | 0.979083 |  | 0.992085 | 0.991923 | 0.723326 |  | 0.597564 |  | 0.954241 | 0.993676 |  | 0.996405 |  | 0.992453 |  |  | 0.990703 |
| 10/6/2019 |  | 0.991796 | 0.97089 | 0.994817 | 0.990763 |  | 0.996281 | 0.993411 | 0.854289 |  | 0.996457 |  | 0.98885 | 0.99319 | 0.84499 |  | 0.911629 |  | 0.991814 | 0.991776 | 0.996692 | 0.99198 |  | 0.957485 |  |  | 0.993885 |
| 17/6/2019 |  | 0.992708 | 0.935623 | 0.861304 | 0.990665 |  | 0.979533 | 0.984372 | 0.969782 |  | 0.994259 |  | 0.938553 | 0.99345 | 0.680075 |  | 0.954649 |  | 0.771179 | 0.981309 | 0.995871 | 0.983341 |  | 0.996161 |  |  |  |
| 24/6/2019 | 0.99973436 | 0.991386 | 0.741504 | 0.994385 | 0.990248 |  | 0.872367 | 0.986587 | 0.981546 |  | 0.835609 |  | 0.994682 | 0.992838 | 0.825023 |  | 0.600203 |  | 0.948612 | 0.99446 | 0.991738 | 0.994312 |  | 0.99704 |  | **(29/6/2019) 0.986175** | 0.98731 |
| 1/7/2019 | 0.992848 | 0.987061 | 0.934413 | 0.995845 | 0.970748 |  | 0.961846 | 0.994969 | 0.754027 |  | 0.997388 |  | 0.993778 | 0.996692 | 0.852814 |  | 0.649816 |  | 0.973961 | 0.994204 | 0.995992 | 0.993121 |  | 0.97392 | **(3/7/2019) 0.872792** | 0.85143 | 0.988293 |
| 8/7/2019 | 0.978448 | 0.974693 | 0.758247 | 0.994467 | 0.993862 |  | 0.944339 | 0.961267 | 0.993286 |  | 0.991222 |  | 0.991602 | 0.993835 | 0.648748 |  | 0.957891 |  | 0.994584 | 0.987248 | 0.228684 | 0.99077 |  | 0.569498 | 0.132364 | 0.991103 |  |
| 15/7/2019 | 0.959307 | 0.993416 | 0.89151 | 0.995979 | 0.943573 | **(17/7/2019) 0.991429** | 0.993945 | 0.991678 | 0.930543 |  | 0.995165 |  | 0.994783 | 0.984159 | 0.851158 |  | 0.083226 |  | 0.930584 | 0.993527 | 0.995399 | 0.991836 |  | 0.982127 | 0.675092 | 0.993977 | 0.990242 |
| 22/7/2019 | 0.992829 | 0.994778 | 0.730179 | 0.992802 | 0.989749 | 0.956056 | 0.978537 | 0.990611 | 0.883493 |  | 0.995427 |  | 0.991324 | 0.993332 | 0.895373 |  | 0.354827 |  | 0.949913 | 0.991593 | 0.973419 | 0.990087 |  | 0.511478 | 0.816769 | 0.992838 | 0.991877 |
| 29/7/2019 | 0.99447 | 0.87955 | 0.85215 | 0.995322 | 0.980126 | 0.977477 | 0.993082 | 0.991648 | 0.955104 |  | 0.876462 |  | 0.994671 | 0.992748 | -0.52106 |  | 0.848472 |  | 0.989233 | 0.948647 | 0.994862 | 0.993449 |  | 0.984529 | 0.390365 | 0.975114 | 0.985368 |
| 5/8/2019 | 0.995304 | 0.863094 | 0.99224 | 0.280071 | 0.964719 | 0.986963 | 0.993535 | 0.99522 | 0.994459 |  | 0.988311 | 0.815027 | 0.994064 | 0.993408 | -0.17182 |  | 0.91325 |  | 0.956411 | 0.990969 | 0.995527 | 0.988377 |  | 0.996828 | 0.528335 | 0.992567 | 0.97041 |
| 12/8/2019 | 0.969742 | 0.783685 | 0.979227 | 0.923774 | -0.07831 | 0.962325 | 0.996434 | 0.991054 | 0.995697 | 0.985649 | 0.994135 | 0.972787 | 0.986033 | 0.994302 | -0.13297 |  | 0.871978 |  | 0.988509 | 0.993624 | 0.993926 | 0.982529 |  | 0.994902 | 0.624684 | 0.989792 | 0.986102 |
| 19/8/2019 | 0.99306 | 0.986336 | 0.865891 | 0.807416 | 0.343125 | 0.923975 | 0.986901 | 0.95664 | 0.979061 | 0.990131 | 0.988063 | 0.922644 | 0.992801 | 0.990827 | -0.02673 |  | 0.73018 |  | 0.990275 | 0.985884 | 0.990669 | 0.967029 |  | 0.987049 | 0.78 | 0.984618 | 0.967674 |
| 26/8/2019 | 0.991806 | 0.993436 | 0.984613 | 0.903042 |  | 0.992237 | 0.992389 | 0.953464 | 0.993412 | 0.715481 | 0.990898 | 0.994473 | 0.988972 | 0.993594 | -0.05176 |  | 0.915408 |  | -0.03928 | 0.989881 | 0.981896 | 0.995421 | **(29/8/2020) 0.990671** | 0.95122 | 0.490995 | 0.975999 | 0.970794 |
| 2/9/2019 | 0.995191 | 0.990515 | 0.622181 | 0.915419 | -0.0198861 | 0.989122 | 0.99324 | 0.964032 | 0.986423 | 0.517392 | 0.995582 | 0.704909 | 0.994821 | 0.994792 | -0.32066 |  | 0.904815 |  | -0.06959 | 0.974088 | 0.991358 | 0.971832 | 0.994666 | 0.985198 | 0.35478 | 0.993224 | 0.984422 |
| 9/9/2019 | 0.995097 | 0.951112 | 0.73055 | 0.943596 |  | 0.993003 | 0.990655 | 0.969386 | 0.453293 | 0.91194869 | 0.961068 | 0.995992 | 0.989815 | 0.970026 | 0.132904 | **(15/9/2019)0.994883** | 0.992537 | **(10/9/2019) 0.9989095** | -0.17273 | 0.986888 | 0.995384 | 0.926043 | 0.994583 | 0.995044 | 0.826065 | 0.991342 | 0.012682 |
| 16/9/2019 | 0.997098 | 0.994804 | 0.985936 | 0.932977 |  | 0.996238 | 0.997676 | 0.989487 | 0.996532 |  | 0.855224 | 0.997435 | 0.996601 | 0.996677 | -0.22635 | 0.977759 | 0.991857 |  | -0.07413 | 0.996737 | 0.997224 | 0.979793 | 0.997072 | 0.994225 | 0.596779 | 0.990742 | -0.30422 |
| 23/9/2019 | 0.987618 | 0.941897 | 0.708654 | 0.897556 |  | 0.987421 | 0.994863 | 0.939627 | 0.989502 | 0.33932 | 0.995029 | 0.995856 | 0.994998 | 0.994178 | -0.39531 | -0.24456 | 0.494655 | 0.906669 | -0.13198 | 0.991523 | 0.988243 | 0.965324 | 0.997481 | 0.993241 | 0.629685 | 0.974357 | -0.13211 |
| 30/9/2019 | 0.976213 | 0.979449 | 0.765807 | 0.871533 |  | 0.979901 | 0.984018 | 0.957067 | 0.992315 | 0.588762 | 0.920535 | 0.985305 | 0.971756 | 0.965158 | 0.001906 | 0.199761 | 0.977552 | 0.967059 | -0.33278 | 0.955275 | 0.924799 | 0.951083 | 0.993696 | 0.977284 | 0.559144 | 0.978717 | -0.19511 |
| 7/10/2019 | 0.990336 | 0.955079 | 0.997042 | 0.840451 |  | 0.989965 | 0.618954 | 0.977853 | 0.987806 | 0.490713 | 0.986153 | 0.992658 | 0.982599 | 0.984413 | 0.002156 | -0.03646 | 0.271899 | 0.993363 | -0.02163 | 0.98712 | 0.976736 | 0.97762 |  | 0.990841 | 0.475552 | 0.989229 |  |
| 14/10/2019 | 0.997284 | 0.993564 | 0.873124 | 0.937872 |  | 0.968872 | 0.997566 | 0.986332 | 0.997059 |  | 0.993463 | 0.996282 | 0.996609 | 0.997368 | -0.11946 |  | 0.795897 | 0.998252 | -0.1612 | 0.995212 | 0.996282 | 0.974275 |  | 0.987635 | 0.766204 | 0.995029 |  |
| 21/10/2019 | 0.995428 | 0.992952 | 0.972419 | 0.89095 |  | 0.985009 | 0.99556 | 0.992471 | 0.954617 |  | 0.99455 | 0.9942 | 0.993696 | 0.99449 | -0.39208 |  | 0.54899 | 0.996365 | 0.005813 | 0.992695 | 0.994398 | 0.988442 |  | 0.99352 | 0.783653 | 0.994938 |  |
| 28/10/2019 | 0.981441 | 0.963721 | 0.887274 | 0.792645 |  | 0.963176 | 0.876182 | 0.981468 | 0.994246 |  | 0.992093 | 0.987262 | 0.952206 | 0.989033 | -0.08545 |  | 0.487659 | 0.996217 | -0.20232 | 0.927517 | 0.993684 | 0.909895 |  | 0.99036 | 0.816779 | 0.843885 |  |
| 4/11/2019 | 0.995024 | 0.993505 | 0.743262 | 0.854315 |  | 0.92906 | 0.996366 | 0.133242 | 0.989564 | 0.438971 | 0.996692 | 0.954625 | 0.970411 | 0.993079 | -0.13954 |  | 0.829472 | 0.997818 | -0.41611 |  | 0.953888 | 0.984564 |  | 0.990637 | 0.985997 | 0.992589 |  |
| 11/11/2019 | 0.995465 | 0.994397 | 0.967791 | 0.897287 |  | 0.991878 | 0.98919 | 0.64556 | 0.996879 | 0.269572 | 0.993527 | 0.977752 | 0.939509 | 0.98827 | -0.42435 |  | 0.433134 | 0.997199 | -0.34073 |  | 0.996512 | 0.994506 |  | 0.993249 | 0.971872 | 0.995728 |  |
| 18/11/2019 | 0.997829 | 0.995389 | 0.994237 | 0.825213 |  | 0.990228 | 0.997384 | 0.712909 | 0.995695 |  | 0.923921 | 0.956659 | 0.991089 | 0.994375 | -0.51468 |  | 0.937725 | 0.998232 | -0.26919 |  | 0.991913 | 0.991081 |  | 0.991434 | 0.986415 | 0.996347 |  |
| 25/11/2019 | 0.995762 | 0.979463 | 0.817445 | 0.92896 |  | 0.962042 | 0.991248 | 0.901997 | 0.998272 | 0.637659 | 0.995529 | 0.989355 | 0.923109 | 0.99013 | -0.27018 |  | 0.907049 | 0.997505 | -0.55416 |  | 0.997895 | 0.994379 |  | 0.994604 | 0.960828 | 0.983361 |  |
| 2/12/2019 | 0.992241 | 0.843568 | 0.617616 | 0.879419 |  | 0.983928 | 0.972426 | 0.34379 | 0.994277 |  | 0.987707 | 0.98996 | 0.983809 | 0.974933 | -0.1747 |  | 0.991266 | 0.995122 | -0.21768 |  | 0.984748 | 0.993872 |  | 0.992463 | 0.891185 | 0.973313 |  |
| 9/12/2019 | 0.995537 | 0.994471 | 0.85444 | 0.877768 |  | 0.984696 | 0.996473 | 0.621707 | 0.993488 |  | 0.995627 | 0.986406 |  | 0.981131 | -0.12592 |  | 0.419668 | 0.997571 | -0.04391 |  | 0.965107 | 0.989762 |  | 0.991715 | 0.874284 | 0.995218 |  |
| 16/12/2019 | 0.995307 | 0.990804 | 0.815444 | 0.90997 |  | 0.991639 | 0.995091 | 0.833598 | 0.942863 | 0.629844 | 0.995608 | 0.994319 | 0.985227 | 0.991907 | -0.15034 |  | 0.498368 | 0.995758 | -0.20516 |  | 0.996866 | 0.996948 |  | 0.917015 | 0.754358 | 0.993887 |  |
| 23/12/2019 | 0.996258 | 0.989229 | 0.94483 | 0.917141 |  | 0.990595 | 0.929952 | 0.423139 | 0.995956 | 0.501761 | 0.994977 | 0.983342 | 0.957895 | 0.992081 | 0.050947 |  | 0.188486 | 0.997277 | -0.23981 |  | 0.992146 | 0.994038 |  | 0.985637 | 0.953499 | 0.992352 |  |
| 30/12/2019 | 0.99239 | 0.956473 | 0.673299 | 0.813075 |  | 0.988745 | 0.629735 | 0.143711 | 0.992501 |  | 0.990684 | 0.977775 | 0.913507 | 0.963561 | -0.38813 |  | 0.662049 | 0.992532 | -0.42749 |  | 0.993036 | 0.993658 |  | 0.986384 | 0.890236 | 0.989135 |  |
| 6/1/2020 | 0.995193 | 0.989686 | 0.951843 | 0.8861 |  | 0.98539 | 0.994819 | 0.517955 | 0.883505 |  | 0.99159 | 0.99461 | 0.988776 | 0.99203 | 0.226532 |  | 0.292186 | 0.996173 | -0.05899 |  | 0.980034 | 0.973545 |  | 0.985585 | 0.903618 | 0.995237 |  |
| 13/1/2020 | 0.996476 | 0.763675 | 0.676299 | 0.85466 |  | 0.953304 | 0.974829 | 0.515878 | 0.98987 |  | 0.996184 | 0.994702 | 0.985094 | 0.977444 |  |  | 0.008815 | 0.997538 | -0.55823 |  | 0.980464 | 0.991769 |  | 0.982233 | 0.718495 | 0.99646 |  |
| 20/1/2020 | 0.995245 | 0.989417 | 0.79434 | 0.893254 |  | 0.990434 | 0.993009 | 0.909176 | 0.992888 |  | 0.984396 | 0.992154 | 0.746603 | 0.995105 |  |  | 0.400877 | 0.99668 | -0.16515 |  | 0.98908 | 0.990111 |  | 0.983897 | 0.951605 | 0.993072 |  |
| 27/1/2020 | 0.994777 | 0.874754 | 0.92372 | 0.873092 |  | 0.772108 | 0.978316 | 0.675777 | 0.993006 |  | 0.997244 | 0.962906 | 0.984598 | 0.992524 |  |  | 0.372951 | 0.937226 | -0.04834 |  | 0.995461 | 0.9889 |  | 0.988549 | 0.984139 | 0.991811 |  |
| 3/2/2020 | 0.993483 | 0.71466 | 0.74809 | 0.861148 |  | 0.983072 | 0.993142 | 0.723691 | 0.992102 |  | 0.993016 | 0.991398 | 0.970351 | 0.98901 |  |  | 0.347411 | 0.994307 | -0.09927 |  | 0.99568 | 0.986544 |  | 0.936946 | 0.80081 | 0.97096 |  |
| 10/2/2020 | 0.99516 | 0.980301 | 0.753908 | 0.877863 |  | 0.991997 | 0.914288 | 0.722219 | 0.993806 |  | 0.987459 | 0.986364 | 0.91016 | 0.99292 |  |  | 0.595549 | 0.996065 | -0.63116 |  | 0.993693 | 0.993215 |  | 0.993003 | 0.605088 | 0.994802 |  |
| 17/2/2020 | 0.992181 | 0.985627 | 0.7926 | 0.861113 |  | 0.917473 | 0.994354 | 0.426042 | 0.992968 |  | 0.993648 | 0.994299 | 0.957643 | 0.952007 |  |  | 0.482476 | 0.996929 | -0.80464 |  | 0.993672 | 0.984814 |  | 0.9912 | 0.513046 | 0.992165 |  |
| 24/2/2020 | 0.99031 | 0.96368 | 0.863473 | 0.921069 |  | 0.992547 | 0.971798 | 0.748634 | 0.992465 |  | 0.997274 | 0.996659 | 0.938577 | 0.99705 |  |  | 0.691624 | 0.982638 | -0.61624 |  | 0.968141 | 0.995755 |  | 0.994273 | 0.844634 | 0.995975 |  |
| 2/3/2020 | 0.99144 | 0.983416 | 0.777274 | 0.847789 |  | 0.980838 | 0.993653 | 0.772543 | 0.996981 |  | 0.992474 | 0.988206 | 0.923631 | 0.987061 |  |  | 0.493214 | 0.993415 | -0.13821 |  | 0.993275 | 0.997433 |  | 0.956209 | 0.758341 | 0.992167 |  |
| 9/3/2020 | 0.995242 | 0.787699 | 0.983779 | 0.882059 |  | 0.970173 | 0.900823 | 0.122268 | 0.991783 |  | 0.990866 |  | 0.888382 | 0.985495 |  |  | 0.526343 | 0.991674 | -0.33765 |  | 0.992663 | 0.940513 |  | 0.982848 | 0.901791 | 0.994125 |  |
| 16/3/2020 | 0.991854 | 0.988371 | 0.813441 | 0.891219 |  | 0.988314 | 0.994973 | 0.24579 | 0.990047 |  | 0.990997 |  | 0.864569 | 0.992226 |  |  | 0.612578 | 0.995179 | -0.20477 |  | 0.990342 | 0.990259 |  | 0.980486 | 0.295456 | 0.993517 |  |
| 23/3/2020 | 0.994253 | 0.990479 | 0.995796 | 0.875167 |  | 0.990916 | 0.956767 | 0.706553 | 0.993301 |  | 0.983069 |  | 0.911954 | 0.992112 |  |  | 0.81441 | 0.995117 | 0.002373 |  | 0.987733 | 0.991246 |  | 0.972678 | 0.691706 | 0.991494 |  |
| 30/3/2020 | 0.994901 | 0.894249 | 0.977933 | 0.859051 |  | 0.987174 | 0.996262 | 0.864438 | 0.966778 |  | 0.993753 |  | 0.976015 | 0.990745 |  |  | 0.868403 | 0.99717 | 0.015525 | 0.978376 | 0.952116 | 0.994877 |  | 0.844229 | 0.848934 | 0.990463 |  |
| 6/4/2020 | 0.990881 |  | 0.996513 | 0.872304 |  | 0.992354 | 0.994737 | 0.846583 | 0.993024 |  | 0.992052 |  | 0.984192 | 0.993864 |  |  | 0.86549 | 0.993932 | -0.27002 | 0.986829 | 0.958137 | 0.992901 |  | 0.99306 | 0.799911 | 0.991086 |  |
| 13/4/2020 | 0.992614 |  | 0.990827 | 0.844571 |  | 0.988452 | 0.994676 | 0.615271 | 0.990876 |  | 0.993515 |  | 0.975373 | 0.990525 |  |  | 0.993861 | 0.994605 | -0.07472 | 0.981106 |  | 0.99247 |  | 0.982603 | 0.789517 | 0.984934 |  |
| 20/4/2020 | 0.993208 |  | 0.994937 | 0.800525 |  | 0.943359 | 0.899296 | 0.192716 | 0.954435 |  | 0.99477 |  | 0.982597 | 0.980538 |  |  | 0.899398 | 0.994881 | -0.00327 | 0.973245 |  | 0.955847 |  | 0.914196 | 0.774634 | 0.99103 |  |
| 27/4/2020 | 0.991499 |  | 0.978557 | 0.821417 |  | 0.965314 | 0.995759 | 0.946565 | 0.981302 |  | 0.992811 |  | 0.994147 | 0.992877 |  |  | 0.989872 | 0.966606 | -0.05911 | 0.989085 | 0.99286 | 0.994294 |  | 0.764414 | 0.856457 | 0.991787 |  |
| 4/5/2020 | 0.992957 |  | 0.991348 | 0.784591 |  | 0.965925 | 0.997041 | 0.230879 | 0.975649 |  | 0.989592 |  | 0.98604 | 0.983457 |  |  | 0.90031 | 0.996752 | -0.12847 | 0.984725 | 0.993584 | 0.972897 |  | 0.976203 | 0.979198 | 0.995834 |  |
| 11/5/2020 | 0.891441 |  | 0.960632 | 0.919659 |  | 0.986078 | 0.993754 | 0.96042 | 0.962177 |  | 0.990928 |  | 0.988116 | 0.99552 |  |  | 0.969367 | 0.994255 | -0.1295 | 0.982233 | 0.985121 | 0.889867 |  | 0.983989 | 0.838044 | 0.987104 |  |
| 18/5/2020 | 0.99272 |  | 0.964549 | 0.935696 |  | 0.985383 | 0.998338 | 0.913115 | 0.973867 |  | 0.985278 |  | 0.994929 | 0.996807 |  |  | 0.909658 | 0.994773 | -0.1206 | 0.996882 | 0.994044 | 0.976868 |  | 0.924415 | 0.933185 | 0.996058 |  |
| 25/5/2020 | 0.990818 |  | 0.990941 | 0.963927 |  | 0.990608 | 0.994218 | 0.888762 | 0.991076 |  | 0.995543 |  | 0.982088 | 0.993764 |  |  | 0.976534 | 0.996262 | -0.24692 | 0.992141 | 0.992093 | 0.997976 |  | 0.990242 | 0.928712 | 0.990693 |  |
| 1/6/2020 | 0.963222 |  | 0.666823 | 0.869822 |  | 0.985257 | 0.995923 | 0.76704 | 0.885103 |  | 0.99672 |  | 0.30847 | 0.985852 |  |  | 0.859865 | 0.99675 | -0.22058 | 0.986109 | 0.995704 | 0.994686 |  | 0.99349 | 0.747934 | 0.966822 |  |
| 8/6/2020 | 0.928738 |  | 0.863394 | 0.853328 |  | 0.994571 | 0.996778 | 0.929241 | 0.747163 |  | 0.992321 |  | 0.923989 | 0.993478 |  |  | 0.90058 | 0.997474 | -0.05124 | 0.990106 | 0.994845 | 0.996221 |  | 0.994437 | 0.520253 | 0.993478 |  |
| 15/6/2020 | 0.895436 |  | 0.608421 | 0.93418 |  | 0.95005 | 0.992041 | 0.726776 | 0.970809 |  | 0.993903 |  | 0.989133 | 0.993988 |  |  | 0.636772 | 0.994761 | -0.02887 | 0.990042 | 0.991867 | 0.994792 |  | 0.987695 | 0.976203 | 0.994357 |  |
| 22/6/2020 | 0.983098 |  | 0.72113 | 0.871966 |  | 0.966628 | 0.986972 | 0.970942 | 0.964705 |  | 0.974457 |  | 0.95412 | 0.985437 |  |  | 0.669664 | 0.995636 | -0.07883 | 0.954972 | 0.636883 | 0.995431 |  | 0.924787 | 0.983989 | 0.970226 |  |
| 29/6/2020 | 0.988132 |  | 0.452621 | 0.924313 |  | 0.982803 | 0.990528 | 0.911 | 0.942435 |  | 0.981657 |  | 0.874526 | 0.990205 |  |  | 0.846642 | 0.966168 | -0.03147 | 0.985793 | 0.952775 | 0.986811 |  | 0.988862 | 0.924415 | 0.98019 |  |
| 6/7/2020 | 0.994108 |  | 0.864189 | 0.956678 |  | 0.991218 | 0.996482 | 0.923262 | 0.99448 |  | 0.995099 |  | 0.976881 | 0.995856 |  |  | 0.547448 | 0.996553 | 0.623247 | 0.972961 | 0.991217 | 0.989823 |  | 0.84806 | 0.990242 | 0.976711 |  |
| 13/7/2020 | 0.913845 |  | 0.63171 | 0.883731 |  | 0.992049 | 0.992611 | 0.497132 | 0.796021 |  | 0.988442 |  | 0.912452 | 0.995479 |  |  | 0.582842 | 0.994176 |  | 0.986053 | 0.992996 | 0.995265 |  | 0.737471 | 0.99349 | 0.901406 |  |
| 20/7/2020 | -0.23449 |  | 0.580765 | 0.925444 |  | 0.988763 | 0.993338 | -0.24989 | 0.991692 |  | 0.970686 |  | 0.969606 | 0.990104 |  |  | 0.207229 | 0.994243 |  | 0.985194 | 0.991204 | 0.989691 |  | 0.99018 | 0.994437 | 0.98979 |  |
| 27/7/2020 | -0.00352 |  | 0.817308 | 0.959253 |  | 0.992036 | -0.02184 |  | 0.985333 |  | 0.921466 |  | 0.9402 | 0.99533 |  |  | 0.347266 | 0.997334 |  | 0.988472 | 0.994622 | 0.985125 |  | 0.989977 | 0.987695 | 0.993072 |  |
| 3/8/2020 | -0.00583 |  | 0.889283 | 0.958089 |  | 0.991355 | -0.05656 |  | 0.992824 |  | 0.99286 |  | 0.92013 | 0.993979 |  |  | 0.975962 | 0.990552 |  | 0.990322 | 0.994419 | 0.993583 |  | 0.976269 | 0.924787 | 0.991914 |  |
| 10/8/2020 | -0.01298 |  | 0.868191 | 0.913186 |  | 0.965905 | -0.22076 |  | 0.989927 |  | 0.993895 |  | 0.889222 |  |  |  | 0.724869 | 0.779406 |  | 0.988785 | 0.99319 | 0.99414 |  | 0.946267 | 0.988862 | 0.983225 |  |
| 17/8/2020 | 0.040952 |  | 0.736421 | 0.955062 | 0.02704017 | 0.995654 | -0.23352 |  | 0.992213 |  | 0.99589 |  | 0.983643 |  |  |  | 0.814124 | 0.995802 |  | 0.991404 | 0.995568 | 0.854942 |  | 0.993173 | 0.84806 | 0.992728 |  |
| 24/8/2020 |  |  | 0.820092 | 0.846233 |  | 0.989144 | -0.03512 |  | 0.994998 |  | -0.0165 |  | 0.990381 |  |  |  | 0.974335 | 0.992385 |  | 0.987467 | 0.984973 | 0.994233 |  | 0.995158 | 0.737471 | -0.13398 |  |
| 31/8/2020 |  |  | 0.770277 | 0.945893 |  | 0.967839 | -0.0409 |  | 0.986284 |  | 0.417376 |  | 0.970058 |  |  |  |  | 0.996878 |  | 0.973329 | 0.993321 | 0.973076 |  | 0.949315 | 0.99018 | -0.07587 |  |
| 7/9/2020 |  |  | 0.864763 | 0.6542 |  | 0.982455 | -0.21511 |  | 0.989072 |  | 0.963198 |  | 0.859374 |  |  |  |  | 0.949126 |  | 0.99216 | 0.976173 | 0.990852 |  | 0.990586 | 0.989977 | -0.22062 |  |
| 14/9/2020 |  |  | 0.961814 | 0.949861 |  | 0.86663 | -0.45648 |  | 0.984419 |  | 0.997725 |  | 0.975593 |  |  |  |  | 0.998342 |  | 0.984987 | 0.995538 | 0.980055 |  | 0.962338 | 0.976269 | -0.37907 |  |
| 21/9/2020 |  |  | 0.973031 | 0.9485 |  | 0.993886 | -0.18375 |  | 0.983763 |  | 0.997678 |  | 0.878125 |  |  |  |  | 0.897794 |  | 0.986842 | 0.99561 | 0.988774 |  | 0.994485 | 0.946267 | -0.23742 |  |
| 28/9/2020 |  |  | 0.697271 | 0.862946 |  | 0.989468 | 0.184835 |  | 0.975745 |  | 0.98931 |  | 0.623085 |  |  |  |  | 0.99585 |  | 0.992593 | 0.992362 | 0.977435 |  | 0.974699 | 0.993173 | 0.280945 |  |
| 5/10/2020 |  |  |  |  |  | 0.99263 |  |  | 0.989815 |  |  |  | 0.690637 |  |  |  |  |  |  |  | 0.979593 | 0.987153 |  | 0.99295 | 0.995158 |  |  |
| 12/10/2020 |  |  |  |  |  |  |  |  |  |  |  |  | 0.604434 |  |  |  |  |  |  |  | 0.89441 |  |  |  | 0.949315 |  |  |
| 19/10/2020 |  |  |  |  |  |  |  |  |  |  |  |  | 0.930956 |  | 0.078329 |  |  |  |  |  | 0.894287 |  |  |  | 0.990586 |  |  |
| 26/10/2020 |  |  |  |  |  |  |  |  |  |  |  |  | 0.694731 |  | 0.097316 |  |  |  |  |  | 0.970014 |  |  |  | 0.962338 |  |  |
| 2/11/2020 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.075749 |  |  |  |  |  | 0.993268 |  |  |  | 0.994485 |  |  |
| 9/11/2020 |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.097006 |  |  |  |  |  | 0.991187 |  |  |  | 0.974699 |  |  |
| 16/11/2020 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | 0.99295 |  |  |
| 23/11/2020 |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |