

## 山东石大胜华化工集团垦利分公司\_小时数据

| 时间            | 二氧化硫            |                 |             | 氮氧化物            |                 |             | 烟尘              |                 |             | 氧气<br>(%) | 废气排放量<br>(m3/h) | 流速<br>( ) | 烟气温度<br>(℃) | 烟气压力<br>(百帕) | 烟气湿度<br>(%RH) | 垃圾焚烧炉平均温度<br>(℃) | DCS温度<br>(℃) |
|---------------|-----------------|-----------------|-------------|-----------------|-----------------|-------------|-----------------|-----------------|-------------|-----------|-----------------|-----------|-------------|--------------|---------------|------------------|--------------|
|               | 实测浓度<br>(mg/M3) | 折算浓度<br>(mg/M3) | 排放量<br>(kg) | 实测浓度<br>(mg/M3) | 折算浓度<br>(mg/M3) | 排放量<br>(kg) | 实测浓度<br>(mg/M3) | 折算浓度<br>(mg/M3) | 排放量<br>(kg) |           |                 |           |             |              |               |                  |              |
| 2019-04-22 00 | 16.9            | 17.4            | 3.89        | 67.1            | 69.1            | 15.5        | 0.74            | 0.77            | 0.17        | 6.42      | 230448          | 2.5       | 50.8        | -55.45       | 11.5          |                  |              |
| 2019-04-22 01 | 19.5            | 20.2            | 4.54        | 65.2            | 67.6            | 15.2        | 0.73            | 0.76            | 0.17        | 6.52      | 233402          | 2.54      | 51.1        | -56.48       | 11.8          |                  |              |
| 2019-04-22 02 | 19.3            | 20              | 4.4         | 64.4            | 66.9            | 14.7        | 0.74            | 0.77            | 0.17        | 6.56      | 227841          | 2.47      | 50.8        | -55.71       | 11.7          |                  |              |
| 2019-04-22 03 | 18.7            | 19.3            | 4.34        | 67              | 69.3            | 15.6        | 0.73            | 0.75            | 0.17        | 6.48      | 232525          | 2.53      | 51.1        | -54.4        | 11.7          |                  |              |
| 2019-04-22 04 | 18.8            | 19.6            | 4.35        | 80.2            | 83.2            | 18.5        | 0.73            | 0.76            | 0.17        | 6.55      | 231102          | 2.53      | 51.9        | -59.29       | 12.2          |                  |              |
| 2019-04-22 05 | 20.4            | 21              | 4.67        | 79.7            | 82.2            | 18.3        | 0.74            | 0.76            | 0.17        | 6.46      | 229260          | 2.52      | 52.2        | -59.25       | 12.4          |                  |              |
| 2019-04-22 06 | 20              | 20.6            | 4.58        | 76.3            | 78.7            | 17.4        | 0.73            | 0.76            | 0.17        | 6.44      | 228405          | 2.5       | 51.8        | -56.9        | 12.3          |                  |              |
| 2019-04-22 07 | 17.8            | 18.4            | 4.07        | 72              | 74.5            | 16.4        | 0.74            | 0.76            | 0.17        | 6.48      | 228543          | 2.51      | 52          | -52.96       | 12.4          |                  |              |
| 2019-04-22 08 | 16.6            | 17.3            | 3.81        | 81.1            | 84.7            | 18.6        | 0.74            | 0.77            | 0.17        | 6.63      | 230046          | 2.53      | 51.9        | -51.23       | 12.4          |                  |              |
| 2019-04-22 09 | 17.9            | 18.4            | 4.11        | 78.7            | 81.2            | 18.1        | 0.73            | 0.75            | 0.17        | 6.45      | 229679          | 2.52      | 52          | -48.23       | 12.4          |                  |              |
| 2019-04-22 10 | 20.1            | 20.7            | 4.61        | 78.2            | 80.7            | 17.9        | 0.74            | 0.76            | 0.17        | 6.45      | 229299          | 2.51      | 51.7        | -43.27       | 12.4          |                  |              |
| 2019-04-22 11 | 19.7            | 20              | 4.52        | 74.3            | 75.4            | 17.1        | 0.73            | 0.74            | 0.17        | 6.21      | 229765          | 2.52      | 51.9        | -38.81       | 12.4          |                  |              |
| 2019-04-22 12 | 22              | 22.2            | 5.06        | 73.3            | 74              | 16.8        | 0.73            | 0.74            | 0.17        | 6.14      | 229477          | 2.53      | 52.4        | -35.95       | 12.7          |                  |              |
| 2019-04-22 13 | 20.9            | 21              | 4.78        | 76.1            | 76.6            | 17.4        | 0.72            | 0.73            | 0.17        | 6.1       | 229232          | 2.53      | 52.3        | -29.81       | 12.8          |                  |              |
| 2019-04-22 14 | 21              | 21.3            | 4.99        | 80.6            | 81.8            | 19.2        | 0.72            | 0.73            | 0.17        | 6.22      | 238013          | 2.62      | 51.8        | -22.06       | 12.7          |                  |              |
| 2019-04-22 15 | 23.3            | 23.9            | 5.52        | 82.6            | 84.7            | 19.5        | 0.72            | 0.74            | 0.17        | 6.36      | 236484          | 2.61      | 52.1        | -22.58       | 12.8          |                  |              |
| 2019-04-22 16 | 21              | 21.2            | 4.79        | 79.3            | 80.4            | 18.1        | 0.72            | 0.73            | 0.16        | 6.2       | 228519          | 2.5       | 51.5        | -21.72       | 12.4          |                  |              |
| 2019-04-22 17 | 25              | 25.5            | 5.67        | 83.7            | 85.6            | 19          | 0.72            | 0.73            | 0.16        | 6.34      | 227069          | 2.49      | 51.8        | -23.4        | 12.4          |                  |              |
| 2019-04-22 18 | 26.8            | 27              | 6.03        | 84.1            | 84.8            | 18.9        | 0.73            | 0.74            | 0.16        | 6.12      | 225136          | 2.48      | 51.9        | -26.88       | 12.6          |                  |              |
| 2019-04-22 19 | 29              | 28.6            | 6.71        | 83.1            | 82              | 19.2        | 0.72            | 0.71            | 0.17        | 5.79      | 230944          | 2.57      | 52.9        | -29.21       | 13.2          |                  |              |
| 2019-04-22 20 | 26.1            | 26.3            | 6.07        | 82.3            | 83              | 19.1        | 0.73            | 0.73            | 0.17        | 6.09      | 232304          | 2.6       | 53.7        | -32.58       | 13.7          |                  |              |
| 2019-04-22 21 | 21.5            | 22.4            | 5.06        | 85.6            | 89              | 20.1        | 0.73            | 0.76            | 0.17        | 6.58      | 235007          | 2.58      | 51.8        | -28          | 12.4          |                  |              |
| 2019-04-22 22 | 23.5            | 23.8            | 5.51        | 77.1            | 78.3            | 18.1        | 0.74            | 0.75            | 0.17        | 6.22      | 234679          | 2.57      | 51.5        | -32.88       | 12.3          |                  |              |
| 2019-04-22 23 | 27              | 27.1            | 6.21        | 82.3            | 82.5            | 18.9        | 0.73            | 0.73            | 0.17        | 6.03      | 229949          | 2.53      | 52          | -36.04       | 12.4          |                  |              |
| 2019-04-23 00 | 27.9            | 28.4            | 6.49        | 76.2            | 77.4            | 17.7        | 0.73            | 0.75            | 0.17        | 6.23      | 232280          | 2.54      | 51.8        | -39.16       | 12.2          |                  |              |
| 2019-04-23 01 | 20.8            | 21.1            | 4.75        | 73              | 74              | 16.7        | 0.73            | 0.74            | 0.17        | 6.21      | 228631          | 2.5       | 51.5        | -41.27       | 12.1          |                  |              |

|               |      |      |      |      |      |      |      |      |      |      |        |      |      |        |      |  |  |
|---------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--------|------|--|--|
| 2019-04-23 02 | 24   | 24.4 | 5.55 | 67.7 | 69   | 15.7 | 0.73 | 0.75 | 0.17 | 6.27 | 231796 | 2.54 | 51.6 | -45.23 | 12.3 |  |  |
| 2019-04-23 03 | 24   | 24.8 | 5.66 | 80.3 | 83   | 18.9 | 0.73 | 0.76 | 0.17 | 6.5  | 235727 | 2.59 | 52   | -48.1  | 12.4 |  |  |
| 2019-04-23 04 | 26.1 | 26.7 | 6.18 | 80.8 | 82.6 | 19.1 | 0.73 | 0.75 | 0.17 | 6.32 | 236310 | 2.6  | 52.2 | -51.19 | 12.5 |  |  |
| 2019-04-23 05 | 24.6 | 25   | 5.63 | 79.8 | 81.1 | 18.3 | 0.73 | 0.75 | 0.17 | 6.25 | 229304 | 2.53 | 52.5 | -52.33 | 12.7 |  |  |
| 2019-04-23 06 | 22.2 | 22.7 | 5.01 | 69.5 | 71.1 | 15.7 | 0.73 | 0.75 | 0.16 | 6.31 | 225555 | 2.48 | 51.8 | -50.08 | 12.4 |  |  |
| 2019-04-23 07 | 23.1 | 24   | 5.29 | 68.4 | 70.8 | 15.6 | 0.73 | 0.76 | 0.17 | 6.51 | 228658 | 2.49 | 51.4 | -44.56 | 12   |  |  |
| 2019-04-23 08 | 24.1 | 24.6 | 5.33 | 65.9 | 67.2 | 14.6 | 0.73 | 0.74 | 0.16 | 6.29 | 221033 | 2.41 | 51.5 | -43.69 | 12.1 |  |  |
| 2019-04-23 09 | 23.2 | 23.6 | 5.28 | 74.3 | 75.5 | 16.9 | 0.73 | 0.74 | 0.17 | 6.24 | 227852 | 2.5  | 51.9 | -40.19 | 12.3 |  |  |
| 2019-04-23 10 | 23   | 23.4 | 5.27 | 78.2 | 79.6 | 17.9 | 0.74 | 0.75 | 0.17 | 6.27 | 229497 | 2.52 | 51.9 | -41.31 | 12.5 |  |  |
| 2019-04-23 11 | 21.2 | 21.3 | 4.97 | 84.3 | 85   | 19.8 | 0.73 | 0.73 | 0.17 | 6.12 | 234917 | 2.58 | 51.8 | -37.23 | 12.4 |  |  |
| 2019-04-23 12 | 21.1 | 21.2 | 4.89 | 83.1 | 83.6 | 19.3 | 0.73 | 0.74 | 0.17 | 6.09 | 232188 | 2.56 | 52.2 | -38.21 | 12.7 |  |  |
| 2019-04-23 13 | 24.4 | 24.2 | 5.75 | 81.1 | 80.3 | 19.1 | 0.72 | 0.72 | 0.17 | 5.86 | 235780 | 2.61 | 52.7 | -35.04 | 13.1 |  |  |
| 2019-04-23 14 | 25.3 | 25.2 | 6.06 | 80.8 | 80.5 | 19.4 | 0.72 | 0.72 | 0.17 | 5.94 | 239649 | 2.65 | 52.5 | -32.69 | 13.1 |  |  |
| 2019-04-23 15 | 23   | 23.3 | 5.55 | 81.6 | 82.6 | 19.7 | 0.72 | 0.73 | 0.17 | 6.18 | 240789 | 2.66 | 52.4 | -34    | 12.9 |  |  |
| 2019-04-23 16 | 27.7 | 27.7 | 6.56 | 73   | 73.2 | 17.3 | 0.73 | 0.73 | 0.17 | 6.04 | 237253 | 2.63 | 52.5 | -37.76 | 12.9 |  |  |
| 2019-04-23 17 | 24.7 | 25   | 5.84 | 84.6 | 85.7 | 20   | 0.73 | 0.74 | 0.17 | 6.21 | 236431 | 2.62 | 52.6 | -37.6  | 13   |  |  |
| 2019-04-23 18 | 26.1 | 26.5 | 6.15 | 78.2 | 79.5 | 18.5 | 0.73 | 0.74 | 0.17 | 6.22 | 236004 | 2.6  | 51.9 | -34.52 | 12.6 |  |  |
| 2019-04-23 19 | 26.7 | 26.4 | 6.06 | 80.2 | 79.4 | 18.2 | 0.73 | 0.72 | 0.17 | 5.84 | 227380 | 2.52 | 52.7 | -39.35 | 13   |  |  |
| 2019-04-23 20 | 25.6 | 26.1 | 5.77 | 83.1 | 84.8 | 18.7 | 0.73 | 0.75 | 0.16 | 6.29 | 224976 | 2.51 | 53.2 | -46.53 | 13.3 |  |  |
| 2019-04-23 21 | 22   | 22.6 | 5.09 | 79.4 | 81.8 | 18.4 | 0.73 | 0.75 | 0.17 | 6.44 | 231511 | 2.55 | 52.3 | -45.81 | 12.7 |  |  |
| 2019-04-23 22 | 24.8 | 25.5 | 5.63 | 86.7 | 89.3 | 19.7 | 0.73 | 0.75 | 0.17 | 6.44 | 227355 | 2.49 | 51.4 | -44.46 | 12.2 |  |  |
| 2019-04-23 23 | 25.6 | 26.5 | 5.9  | 86.3 | 89.5 | 19.9 | 0.73 | 0.75 | 0.17 | 6.53 | 230339 | 2.52 | 51.5 | -47.69 | 12.1 |  |  |
| 2019-04-24 00 | 25.9 | 26.5 | 5.93 | 81.8 | 83.6 | 18.7 | 0.73 | 0.74 | 0.17 | 6.3  | 228581 | 2.5  | 51.7 | -49.61 | 12.2 |  |  |
| 2019-04-24 01 | 21.1 | 21.6 | 4.81 | 78.9 | 80.8 | 17.9 | 0.73 | 0.75 | 0.17 | 6.35 | 227471 | 2.49 | 51.8 | -50.17 | 12.3 |  |  |
| 2019-04-24 02 | 20.9 | 21.2 | 4.78 | 76.5 | 77.8 | 17.5 | 0.72 | 0.73 | 0.16 | 6.26 | 229118 | 2.51 | 51.6 | -49.81 | 12.2 |  |  |
| 2019-04-24 03 | 20.4 | 20.8 | 4.65 | 66.6 | 67.8 | 15.2 | 0.73 | 0.75 | 0.17 | 6.27 | 227898 | 2.49 | 51.6 | -48.21 | 12.2 |  |  |
| 2019-04-24 04 | 23   | 23.6 | 5.34 | 71.6 | 73.6 | 16.6 | 0.73 | 0.75 | 0.17 | 6.42 | 232467 | 2.57 | 52.4 | -54.06 | 12.8 |  |  |
| 2019-04-24 05 | 19.8 | 20.6 | 4.54 | 76.3 | 79.2 | 17.5 | 0.73 | 0.76 | 0.17 | 6.56 | 229205 | 2.53 | 52.5 | -54.02 | 12.8 |  |  |
| 2019-04-24 06 | 17.4 | 18.1 | 4.02 | 72.2 | 75   | 16.7 | 0.73 | 0.76 | 0.17 | 6.57 | 230759 | 2.54 | 52.3 | -53.27 | 12.6 |  |  |
| 2019-04-24 07 | 19.8 | 20.1 | 4.63 | 70.2 | 71.2 | 16.4 | 0.73 | 0.74 | 0.17 | 6.21 | 233545 | 2.57 | 52.1 | -49.27 | 12.5 |  |  |
| 2019-04-24 08 | 22.5 | 23.1 | 5.26 | 76.6 | 78.4 | 17.9 | 0.72 | 0.74 | 0.17 | 6.35 | 233462 | 2.55 | 51.6 | -41.78 | 12.2 |  |  |
| 2019-04-24 09 | 22   | 22.5 | 5.16 | 77.5 | 79.1 | 18.2 | 0.73 | 0.74 | 0.17 | 6.31 | 234416 | 2.57 | 51.8 | -41.56 | 12.3 |  |  |
| 2019-04-24 10 | 25.5 | 25.7 | 5.85 | 68.2 | 68.8 | 15.7 | 0.72 | 0.73 | 0.17 | 6.11 | 229805 | 2.52 | 51.9 | -43.62 | 12.4 |  |  |

|               |      |      |      |      |      |      |      |      |      |      |        |      |      |        |      |  |  |
|---------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--------|------|--|--|
| 2019-04-24 11 | 23.9 | 24.3 | 5.58 | 68.6 | 69.7 | 16   | 0.72 | 0.74 | 0.17 | 6.23 | 233326 | 2.56 | 51.8 | -36.21 | 12.4 |  |  |
| 2019-04-24 12 | 24.4 | 24.8 | 5.87 | 72.3 | 73.9 | 17.4 | 0.73 | 0.74 | 0.18 | 6.3  | 241017 | 2.64 | 51.8 | -33.97 | 12.3 |  |  |
| 2019-04-24 13 | 24.5 | 25   | 5.8  | 73.3 | 74.7 | 17.4 | 0.73 | 0.74 | 0.17 | 6.29 | 237178 | 2.58 | 51.2 | -30.08 | 11.9 |  |  |
| 2019-04-24 14 | 24.2 | 24.9 | 5.61 | 81.1 | 83.3 | 18.8 | 0.74 | 0.75 | 0.17 | 6.39 | 231557 | 2.5  | 50.1 | -16.6  | 11.4 |  |  |
| 2019-04-24 15 | 24.9 | 25.4 | 5.71 | 78.9 | 80.6 | 18.1 | 0.74 | 0.75 | 0.17 | 6.32 | 229713 | 2.47 | 49.8 | -22    | 11.1 |  |  |
| 2019-04-24 16 | 26.1 | 26.3 | 5.79 | 78.6 | 79.2 | 17.4 | 0.73 | 0.74 | 0.16 | 6.11 | 221541 | 2.39 | 50.2 | -26.75 | 11.4 |  |  |
| 2019-04-24 17 | 23.4 | 23.6 | 5.39 | 72.5 | 73   | 16.7 | 0.74 | 0.75 | 0.17 | 6.11 | 230352 | 2.49 | 50.2 | -25.08 | 11.6 |  |  |
| 2019-04-24 18 | 24.2 | 24.6 | 5.48 | 75.1 | 76.5 | 17   | 0.74 | 0.75 | 0.17 | 6.24 | 226538 | 2.46 | 50.1 | -26.94 | 12   |  |  |
| 2019-04-24 19 | 24.9 | 25.3 | 5.54 | 81.2 | 82.8 | 18.1 | 0.73 | 0.75 | 0.16 | 6.28 | 222975 | 2.46 | 51.4 | -29.52 | 13   |  |  |
| 2019-04-24 20 | 26.2 | 27   | 5.9  | 79.4 | 82.1 | 17.9 | 0.74 | 0.76 | 0.17 | 6.48 | 225515 | 2.46 | 50.5 | -42.39 | 12.2 |  |  |
| 2019-04-24 21 | 22.1 | 23   | 4.99 | 75.9 | 79   | 17.1 | 0.74 | 0.77 | 0.17 | 6.56 | 225279 | 2.44 | 50.1 | -41.5  | 11.9 |  |  |
| 2019-04-24 22 | 22.5 | 23.2 | 5.02 | 79.2 | 81.5 | 17.6 | 0.73 | 0.76 | 0.16 | 6.42 | 222839 | 2.42 | 49.8 | -44.4  | 11.9 |  |  |
| 2019-04-24 23 | 23.2 | 24.1 | 5.19 | 77.9 | 80.8 | 17.4 | 0.74 | 0.76 | 0.16 | 6.53 | 223185 | 2.41 | 49.5 | -49.08 | 11.7 |  |  |
| 2019-04-25 00 | 22.4 | 23.1 | 4.91 | 73.8 | 76.2 | 16.2 | 0.75 | 0.77 | 0.16 | 6.44 | 218999 | 2.37 | 49.7 | -54.04 | 11.9 |  |  |
| 2019-04-25 01 | 19.8 | 20.4 | 4.29 | 79.8 | 82   | 17.3 | 0.75 | 0.77 | 0.16 | 6.4  | 216507 | 2.36 | 50.2 | -56.56 | 12.2 |  |  |
| 2019-04-25 02 | 20.1 | 20.7 | 4.39 | 75   | 77.1 | 16.4 | 0.75 | 0.77 | 0.16 | 6.42 | 218352 | 2.34 | 49.2 | -65.21 | 11   |  |  |
| 2019-04-25 03 | 20.4 | 21   | 4.44 | 72.2 | 74.2 | 15.7 | 0.75 | 0.77 | 0.16 | 6.4  | 217655 | 2.34 | 49.7 | -69.96 | 11.2 |  |  |
| 2019-04-25 04 | 19.7 | 20.3 | 4.31 | 75.3 | 77.5 | 16.4 | 0.75 | 0.77 | 0.16 | 6.43 | 218087 | 2.37 | 50.7 | -71.54 | 12   |  |  |
| 2019-04-25 05 | 20.6 | 21.5 | 4.74 | 74.9 | 78.4 | 17.2 | 0.75 | 0.78 | 0.17 | 6.67 | 230387 | 2.5  | 50.5 | -66.44 | 11.8 |  |  |
| 2019-04-25 06 | 21.2 | 22   | 4.66 | 73   | 75.7 | 16.1 | 0.74 | 0.77 | 0.16 | 6.53 | 220005 | 2.4  | 50.5 | -71.75 | 12.2 |  |  |
| 2019-04-25 07 | 18.2 | 18.9 | 3.83 | 75.6 | 78.4 | 15.9 | 0.74 | 0.77 | 0.16 | 6.55 | 210205 | 2.31 | 50.9 | -74.62 | 12.7 |  |  |
| 2019-04-25 08 | 22.2 | 22.9 | 4.77 | 70.3 | 72.3 | 15.1 | 0.75 | 0.77 | 0.16 | 6.42 | 214283 | 2.32 | 49.7 | -69.8  | 11.9 |  |  |
| 2019-04-25 09 | 24.4 | 25.2 | 5.11 | 75   | 77.4 | 15.7 | 1.12 | 1.15 | 0.24 | 6.46 | 209703 | 2.28 | 49.8 | -68.18 | 11.9 |  |  |
| 2019-04-25 10 | 23.5 | 24.5 | 5.27 | 76.9 | 80.2 | 17.3 | 0.74 | 0.78 | 0.17 | 6.62 | 224482 | 2.44 | 49.8 | -68.5  | 11.9 |  |  |
| 2019-04-25 11 | 24.5 | 25.7 | 5.32 | 78.4 | 82.4 | 17   | 0.74 | 0.78 | 0.16 | 6.72 | 216891 | 2.35 | 49.8 | -63.85 | 11.6 |  |  |
| 2019-04-25 12 | 25.1 | 26.2 | 5.58 | 79.4 | 83.1 | 17.7 | 0.74 | 0.78 | 0.16 | 6.66 | 222516 | 2.4  | 49.7 | -61.29 | 11.3 |  |  |
| 2019-04-25 13 | 26.6 | 27.6 | 5.81 | 73.6 | 76.4 | 16.1 | 0.73 | 0.76 | 0.16 | 6.56 | 218574 | 2.36 | 50.2 | -63.9  | 11.2 |  |  |
| 2019-04-25 14 | 23.6 | 24.9 | 5.21 | 76   | 80.2 | 16.8 | 0.74 | 0.78 | 0.16 | 6.79 | 220553 | 2.38 | 50.1 | -64.02 | 11.3 |  |  |
| 2019-04-25 15 | 22.7 | 24   | 5.25 | 80.8 | 85.5 | 18.7 | 0.73 | 0.77 | 0.17 | 6.82 | 231310 | 2.49 | 50   | -58.08 | 11.2 |  |  |
| 2019-04-25 16 | 25.8 | 27   | 6    | 79.2 | 82.9 | 18.4 | 0.74 | 0.77 | 0.17 | 6.67 | 232816 | 2.51 | 50.3 | -56.16 | 11.3 |  |  |
| 2019-04-25 17 | 24.2 | 25.5 | 5.75 | 81.7 | 85.8 | 19.4 | 0.74 | 0.77 | 0.17 | 6.72 | 236966 | 2.56 | 50.4 | -62.77 | 11.4 |  |  |
| 2019-04-25 18 | 24.2 | 25.1 | 5.54 | 77.2 | 80.1 | 17.7 | 0.73 | 0.76 | 0.17 | 6.55 | 229582 | 2.48 | 50.3 | -66.56 | 11.4 |  |  |
| 2019-04-25 19 | 25.2 | 25.9 | 5.58 | 81.3 | 83.6 | 18   | 0.74 | 0.76 | 0.16 | 6.41 | 221119 | 2.43 | 52   | -74.92 | 12.5 |  |  |

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|---------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--------|------|--|--|
| 2019-04-25 20 | 22.6 | 23.7 | 4.96 | 82.9 | 87   | 18.2 | 0.74 | 0.77 | 0.16 | 6.7  | 219261 | 2.39 | 51   | -69.7  | 12.1 |  |  |
| 2019-04-25 21 | 23.9 | 25   | 5.14 | 74.5 | 78   | 16   | 0.74 | 0.78 | 0.16 | 6.68 | 215176 | 2.32 | 49.9 | -69.38 | 11.4 |  |  |
| 2019-04-25 22 | 26.4 | 27.5 | 5.58 | 74.7 | 77.7 | 15.8 | 0.75 | 0.78 | 0.16 | 6.59 | 211259 | 2.27 | 49.4 | -65.31 | 11.3 |  |  |
| 2019-04-25 23 | 24.6 | 25.9 | 5.52 | 72.1 | 75.8 | 16.2 | 0.75 | 0.79 | 0.17 | 6.73 | 223964 | 2.41 | 49.8 | -60.56 | 11.4 |  |  |
| 2019-04-26 00 | 24.4 | 25.8 | 5.4  | 70.5 | 74.4 | 15.6 | 0.75 | 0.8  | 0.17 | 6.8  | 221068 | 2.41 | 50.8 | -78    | 12.2 |  |  |
| 2019-04-26 01 | 26.5 | 27.9 | 5.91 | 73.6 | 77.5 | 16.4 | 0.75 | 0.79 | 0.17 | 6.76 | 223416 | 2.45 | 51.1 | -79.67 | 12.4 |  |  |
| 2019-04-26 02 | 26.5 | 27.6 | 5.9  | 74.6 | 77.8 | 16.6 | 0.75 | 0.78 | 0.17 | 6.6  | 222215 | 2.43 | 50.8 | -80.21 | 12.3 |  |  |
| 2019-04-26 03 | 26.7 | 27.8 | 5.85 | 79.1 | 82.5 | 17.3 | 0.75 | 0.78 | 0.16 | 6.63 | 219349 | 2.4  | 50.8 | -67.08 | 12.3 |  |  |
| 2019-04-26 04 | 28.6 | 29.3 | 6.24 | 82   | 84   | 17.9 | 0.75 | 0.77 | 0.16 | 6.37 | 218336 | 2.38 | 50.6 | -75.9  | 12.2 |  |  |
| 2019-04-26 05 | 25   | 25.6 | 5.39 | 81   | 82.7 | 17.4 | 0.74 | 0.76 | 0.16 | 6.31 | 215193 | 2.34 | 50.2 | -73.27 | 11.9 |  |  |
| 2019-04-26 06 | 26.6 | 27.6 | 5.85 | 85.5 | 88.6 | 18.8 | 0.76 | 0.78 | 0.17 | 6.53 | 219500 | 2.38 | 50   | -84.23 | 11.9 |  |  |
| 2019-04-26 07 | 26.7 | 27.5 | 5.71 | 84   | 86.5 | 18   | 0.75 | 0.77 | 0.16 | 6.44 | 213875 | 2.32 | 50.1 | -87.52 | 11.9 |  |  |
| 2019-04-26 08 | 25.5 | 26.2 | 5.29 | 79.2 | 81.3 | 16.4 | 0.74 | 0.76 | 0.15 | 6.39 | 207149 | 2.24 | 49.8 | -90    | 11.7 |  |  |
| 2019-04-26 09 | 22.8 | 23.2 | 4.72 | 76.6 | 78   | 15.8 | 0.75 | 0.76 | 0.15 | 6.25 | 206944 | 2.26 | 50.5 | -89.46 | 12.3 |  |  |
| 2019-04-26 10 | 21.4 | 21.8 | 4.52 | 70.3 | 71.8 | 14.8 | 0.75 | 0.77 | 0.16 | 6.32 | 211234 | 2.3  | 50.2 | -84.79 | 12   |  |  |
| 2019-04-26 11 | 22.5 | 22.8 | 4.79 | 77.9 | 79.1 | 16.6 | 0.75 | 0.76 | 0.16 | 6.21 | 213044 | 2.31 | 50.4 | -74.5  | 11.8 |  |  |
| 2019-04-26 12 | 26.1 | 26.4 | 5.6  | 73.6 | 74.5 | 15.8 | 0.75 | 0.76 | 0.16 | 6.18 | 214785 | 2.33 | 50.8 | -71.38 | 11.6 |  |  |
| 2019-04-26 13 | 24.3 | 24.7 | 5.16 | 74.3 | 75.7 | 15.8 | 0.74 | 0.75 | 0.16 | 6.28 | 212385 | 2.31 | 51   | -58.96 | 11.7 |  |  |
| 2019-04-26 14 | 22.9 | 23.7 | 5.15 | 78.3 | 80.8 | 17.6 | 0.74 | 0.77 | 0.17 | 6.47 | 224591 | 2.44 | 51   | -56.69 | 11.9 |  |  |
| 2019-04-26 15 | 22.2 | 23.2 | 5.16 | 76.8 | 80.4 | 17.9 | 0.74 | 0.78 | 0.17 | 6.65 | 233040 | 2.53 | 50.6 | -57.27 | 11.6 |  |  |
| 2019-04-26 16 | 22.7 | 23.7 | 5.3  | 74.9 | 78.1 | 17.5 | 0.74 | 0.77 | 0.17 | 6.6  | 233223 | 2.53 | 50.9 | -58.08 | 11.7 |  |  |
| 2019-04-26 17 | 24.6 | 25.9 | 5.95 | 73.7 | 77.5 | 17.8 | 0.74 | 0.78 | 0.18 | 6.74 | 241683 | 2.62 | 50.7 | -57.06 | 11.7 |  |  |
| 2019-04-26 18 | 23   | 23.9 | 5.52 | 70.5 | 73.4 | 17   | 0.74 | 0.77 | 0.18 | 6.59 | 240391 | 2.6  | 50.5 | -55    | 11.6 |  |  |
| 2019-04-26 19 | 25.2 | 25.7 | 5.63 | 67.2 | 68.7 | 15   | 0.73 | 0.74 | 0.16 | 6.31 | 223285 | 2.45 | 51.7 | -56.65 | 12.3 |  |  |
| 2019-04-26 20 | 25.7 | 26.9 | 5.64 | 76.7 | 80.3 | 16.8 | 0.74 | 0.77 | 0.16 | 6.66 | 219482 | 2.4  | 51.6 | -64.35 | 12   |  |  |
| 2019-04-26 21 | 23.9 | 25   | 5.28 | 80.7 | 84.3 | 17.8 | 0.74 | 0.77 | 0.16 | 6.63 | 220794 | 2.39 | 50.7 | -60.62 | 11.5 |  |  |
| 2019-04-26 22 | 25.5 | 26.6 | 5.61 | 76.8 | 79.9 | 16.9 | 0.74 | 0.77 | 0.16 | 6.58 | 219739 | 2.38 | 50.6 | -62.52 | 11.5 |  |  |
| 2019-04-26 23 | 26.1 | 27.2 | 5.9  | 79.7 | 83.2 | 18   | 0.75 | 0.78 | 0.17 | 6.62 | 226244 | 2.45 | 50.6 | -64.25 | 11.6 |  |  |
| 2019-04-27 00 | 26.3 | 27.7 | 5.88 | 82.5 | 87   | 18.5 | 0.74 | 0.78 | 0.17 | 6.77 | 224075 | 2.43 | 50.7 | -65.04 | 11.6 |  |  |
| 2019-04-27 01 | 26.2 | 27.3 | 5.94 | 75.1 | 78.1 | 17   | 0.74 | 0.77 | 0.17 | 6.56 | 226498 | 2.44 | 50.1 | -63.77 | 11.3 |  |  |
| 2019-04-27 02 | 25.5 | 26.7 | 5.76 | 72.3 | 75.8 | 16.3 | 0.75 | 0.79 | 0.17 | 6.7  | 225955 | 2.44 | 50.4 | -66.17 | 11.5 |  |  |
| 2019-04-27 03 | 26.4 | 28.3 | 6.09 | 69.7 | 74.7 | 16.1 | 0.74 | 0.8  | 0.17 | 7    | 230528 | 2.5  | 50.4 | -64.6  | 11.7 |  |  |
| 2019-04-27 04 | 26.6 | 28.4 | 6.02 | 77.8 | 83   | 17.6 | 0.74 | 0.79 | 0.17 | 6.95 | 226087 | 2.45 | 50.7 | -65.11 | 11.7 |  |  |

|               |      |      |      |      |      |      |      |      |      |      |        |      |      |        |      |  |  |
|---------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--------|------|--|--|
| 2019-04-27 05 | 24.2 | 26   | 5.51 | 82.9 | 88.9 | 18.9 | 0.75 | 0.8  | 0.17 | 7.02 | 227574 | 2.48 | 51.2 | -69.92 | 12   |  |  |
| 2019-04-27 06 | 26.8 | 28.5 | 6.11 | 81   | 86.1 | 18.4 | 0.74 | 0.79 | 0.17 | 6.89 | 227614 | 2.49 | 51.3 | -69.19 | 12.2 |  |  |
| 2019-04-27 07 | 25.4 | 26.3 | 5.65 | 79.8 | 82.6 | 17.8 | 0.74 | 0.77 | 0.16 | 6.52 | 222418 | 2.41 | 50.8 | -70.29 | 11.7 |  |  |
| 2019-04-27 08 | 24.5 | 25.3 | 5.35 | 79.3 | 81.8 | 17.3 | 0.74 | 0.76 | 0.16 | 6.44 | 218347 | 2.36 | 50.8 | -64.02 | 11.5 |  |  |
| 2019-04-27 09 | 20.7 | 21.4 | 4.61 | 79.6 | 82.3 | 17.8 | 0.74 | 0.76 | 0.16 | 6.49 | 223097 | 2.42 | 50.8 | -62.02 | 11.5 |  |  |
| 2019-04-27 10 | 19.6 | 20.5 | 4.43 | 79.7 | 83.5 | 18   | 0.74 | 0.78 | 0.17 | 6.68 | 226085 | 2.45 | 50.5 | -59.69 | 11.5 |  |  |
| 2019-04-27 11 | 21.9 | 22.6 | 5    | 80.2 | 82.7 | 18.3 | 0.73 | 0.76 | 0.17 | 6.46 | 228403 | 2.47 | 50.2 | -54.33 | 11.4 |  |  |
| 2019-04-27 12 | 25.5 | 26.5 | 5.94 | 81.8 | 84.8 | 19   | 0.74 | 0.76 | 0.17 | 6.52 | 232569 | 2.51 | 50.3 | -53.07 | 11.3 |  |  |
| 2019-04-27 13 | 21.5 | 22.2 | 4.9  | 83.2 | 86   | 19   | 0.74 | 0.76 | 0.17 | 6.47 | 228220 | 2.47 | 50.5 | -52.94 | 11.4 |  |  |
| 2019-04-27 14 | 20.4 | 21.2 | 4.68 | 77.5 | 80.2 | 17.7 | 0.73 | 0.76 | 0.17 | 6.5  | 228812 | 2.47 | 50.4 | -55.77 | 11.3 |  |  |
| 2019-04-27 15 | 21.3 | 22.4 | 4.77 | 78.2 | 82.1 | 17.5 | 0.74 | 0.78 | 0.17 | 6.71 | 223500 | 2.41 | 50.2 | -56    | 11.2 |  |  |
| 2019-04-27 16 | 24.6 | 25.8 | 5.56 | 69.9 | 73.5 | 15.8 | 0.74 | 0.77 | 0.17 | 6.73 | 226546 | 2.45 | 50.6 | -57.48 | 11.4 |  |  |
| 2019-04-27 17 | 22.6 | 23.8 | 5.05 | 77.4 | 81.4 | 17.3 | 0.73 | 0.77 | 0.16 | 6.74 | 223283 | 2.41 | 50.4 | -59.15 | 11.3 |  |  |
| 2019-04-27 18 | 22.6 | 23.2 | 5.03 | 69.6 | 71.3 | 15.5 | 0.74 | 0.76 | 0.16 | 6.35 | 222163 | 2.4  | 50.6 | -59.52 | 11.4 |  |  |
| 2019-04-27 19 | 25.4 | 25.9 | 5.54 | 68.6 | 69.8 | 14.9 | 0.73 | 0.74 | 0.16 | 6.27 | 217560 | 2.38 | 51.9 | -71.79 | 12.3 |  |  |
| 2019-04-27 20 | 28.6 | 28.9 | 6.27 | 73.6 | 74.6 | 16.2 | 0.73 | 0.74 | 0.16 | 6.19 | 219522 | 2.4  | 51.4 | -72.39 | 12   |  |  |
| 2019-04-27 21 | 24.7 | 25.7 | 5.43 | 81.6 | 85   | 17.9 | 0.73 | 0.76 | 0.16 | 6.58 | 219749 | 2.38 | 50.5 | -68.44 | 11.5 |  |  |
| 2019-04-27 22 | 20.7 | 21.5 | 4.56 | 74.3 | 77.2 | 16.4 | 0.73 | 0.76 | 0.16 | 6.55 | 220134 | 2.38 | 50.4 | -67.4  | 11.4 |  |  |
| 2019-04-27 23 | 23.8 | 24.4 | 5.13 | 71.6 | 73.5 | 15.5 | 0.74 | 0.75 | 0.16 | 6.39 | 215894 | 2.33 | 50.4 | -69.25 | 11.5 |  |  |
| 2019-04-28 00 | 27.6 | 28.1 | 6.08 | 73.1 | 74.2 | 16.1 | 0.73 | 0.74 | 0.16 | 6.23 | 219844 | 2.38 | 50.5 | -67.43 | 11.4 |  |  |
| 2019-04-28 01 | 26.4 | 26.9 | 5.85 | 78.7 | 80.3 | 17.5 | 0.74 | 0.75 | 0.16 | 6.28 | 222080 | 2.4  | 50.4 | -69.19 | 11.4 |  |  |
| 2019-04-28 02 | 25.2 | 26   | 5.66 | 77.6 | 80   | 17.4 | 0.74 | 0.76 | 0.17 | 6.45 | 224663 | 2.42 | 50.2 | -68.56 | 11.3 |  |  |
| 2019-04-28 03 | 26.3 | 27.2 | 5.9  | 67.7 | 70.2 | 15.2 | 0.74 | 0.76 | 0.17 | 6.54 | 224455 | 2.43 | 50.3 | -69.56 | 11.6 |  |  |
| 2019-04-28 04 | 26.3 | 27.5 | 5.99 | 81.2 | 84.8 | 18.5 | 0.75 | 0.78 | 0.17 | 6.64 | 227575 | 2.48 | 51   | -71.18 | 12.1 |  |  |
| 2019-04-28 05 | 25.6 | 26.5 | 5.68 | 79.2 | 82.3 | 17.6 | 0.74 | 0.77 | 0.16 | 6.57 | 222366 | 2.43 | 51.3 | -70.08 | 12.3 |  |  |
| 2019-04-28 06 | 25.7 | 27   | 5.71 | 76.7 | 80.7 | 17.1 | 0.74 | 0.78 | 0.16 | 6.73 | 222485 | 2.42 | 51   | -67.79 | 11.9 |  |  |
| 2019-04-28 07 | 25.1 | 26.2 | 5.6  | 72.7 | 76   | 16.2 | 0.75 | 0.78 | 0.17 | 6.66 | 223467 | 2.43 | 50.8 | -68.6  | 11.8 |  |  |
| 2019-04-28 08 | 25.3 | 25.8 | 5.7  | 68   | 69.5 | 15.3 | 0.74 | 0.75 | 0.17 | 6.32 | 225335 | 2.44 | 50.8 | -68.2  | 11.5 |  |  |
| 2019-04-28 09 | 25.9 | 26.8 | 5.87 | 79.3 | 82   | 18   | 0.74 | 0.77 | 0.17 | 6.49 | 226655 | 2.44 | 50.1 | -61.81 | 11.2 |  |  |
| 2019-04-28 10 | 25.7 | 26.5 | 5.68 | 77.6 | 80   | 17.2 | 0.74 | 0.76 | 0.16 | 6.46 | 221243 | 2.38 | 50   | -59.17 | 11.1 |  |  |
| 2019-04-28 11 | 22.4 | 22.8 | 5.03 | 80.8 | 82.4 | 18.2 | 0.72 | 0.74 | 0.16 | 6.29 | 225004 | 2.43 | 50.4 | -58.56 | 11.4 |  |  |
| 2019-04-28 12 | 23.5 | 24.2 | 5.26 | 82.6 | 85.1 | 18.5 | 0.73 | 0.76 | 0.16 | 6.44 | 223907 | 2.42 | 50.4 | -57.87 | 11.4 |  |  |
| 2019-04-28 13 | 24.9 | 25.7 | 5.77 | 86.3 | 89.3 | 20   | 0.73 | 0.75 | 0.17 | 6.49 | 231900 | 2.5  | 50.3 | -57.67 | 11.4 |  |  |

|               |      |      |      |      |      |      |      |      |      |      |        |      |      |        |      |  |  |
|---------------|------|------|------|------|------|------|------|------|------|------|--------|------|------|--------|------|--|--|
| 2019-04-28 14 | 26.5 | 26.9 | 6.13 | 79.2 | 80.6 | 18.3 | 0.74 | 0.75 | 0.17 | 6.25 | 231481 | 2.51 | 50.8 | -58.23 | 11.7 |  |  |
| 2019-04-28 15 | 28.8 | 29.1 | 6.51 | 79.4 | 80.2 | 18   | 0.73 | 0.74 | 0.16 | 6.15 | 226054 | 2.45 | 50.6 | -55.46 | 11.6 |  |  |
| 2019-04-28 16 | 24.5 | 24.9 | 5.72 | 73.8 | 74.9 | 17.2 | 0.73 | 0.74 | 0.17 | 6.21 | 233350 | 2.53 | 50.8 | -54.1  | 11.7 |  |  |
| 2019-04-28 17 | 22.7 | 23.1 | 5.35 | 78.3 | 79.6 | 18.5 | 0.73 | 0.75 | 0.17 | 6.25 | 236050 | 2.56 | 50.7 | -52.12 | 11.6 |  |  |
| 2019-04-28 18 | 24.5 | 25.1 | 5.81 | 73   | 74.7 | 17.3 | 0.73 | 0.75 | 0.17 | 6.35 | 236914 | 2.57 | 51   | -52.58 | 11.7 |  |  |
| 2019-04-28 19 | 22.2 | 22.5 | 5    | 74.6 | 76   | 16.8 | 0.74 | 0.75 | 0.17 | 6.24 | 225765 | 2.49 | 52.4 | -62.94 | 12.7 |  |  |
| 2019-04-28 20 | 20.6 | 21.1 | 4.67 | 75   | 77   | 17   | 0.73 | 0.75 | 0.17 | 6.38 | 226598 | 2.48 | 51.7 | -58.49 | 12.2 |  |  |
| 2019-04-28 21 | 21   | 22   | 4.75 | 81.7 | 85.5 | 18.5 | 0.73 | 0.77 | 0.17 | 6.66 | 226060 | 2.45 | 51   | -55.4  | 11.7 |  |  |
| 2019-04-28 22 | 18.6 | 19.2 | 4.26 | 82   | 84.8 | 18.8 | 0.74 | 0.77 | 0.17 | 6.51 | 229281 | 2.49 | 51.1 | -52.85 | 11.8 |  |  |
| 2019-04-28 23 | 20   | 20.7 | 4.52 | 78   | 80.7 | 17.6 | 0.73 | 0.75 | 0.16 | 6.51 | 225960 | 2.45 | 50.7 | -56.42 | 11.7 |  |  |
| 2019-04-29 00 | 19.9 | 20.5 | 4.57 | 76   | 77.8 | 17.4 | 0.74 | 0.76 | 0.17 | 6.41 | 229534 | 2.5  | 51.1 | -56.59 | 11.9 |  |  |
| 2019-04-29 01 | 22   | 22.5 | 5.03 | 72.8 | 74.4 | 16.6 | 0.73 | 0.75 | 0.17 | 6.33 | 228328 | 2.49 | 50.9 | -52.83 | 12   |  |  |
| 2019-04-29 02 | 23.8 | 24.6 | 5.43 | 71.9 | 74.2 | 16.4 | 0.75 | 0.77 | 0.17 | 6.47 | 227830 | 2.5  | 51.6 | -58.38 | 12.4 |  |  |
| 2019-04-29 03 | 22.8 | 24.2 | 5.24 | 73.8 | 78.3 | 16.9 | 0.74 | 0.78 | 0.17 | 6.85 | 229561 | 2.52 | 51.6 | -61.65 | 12.5 |  |  |
| 2019-04-29 04 | 22.1 | 23.3 | 5.14 | 71.9 | 75.9 | 16.7 | 0.73 | 0.78 | 0.17 | 6.78 | 232485 | 2.55 | 51.8 | -64.47 | 12.4 |  |  |
| 2019-04-29 05 | 24   | 25   | 5.41 | 59.6 | 62.1 | 13.4 | 0.74 | 0.78 | 0.17 | 6.6  | 225299 | 2.47 | 51.7 | -67.79 | 12.3 |  |  |
| 2019-04-29 06 | 23.9 | 24.2 | 5.23 | 46.8 | 47.3 | 10.2 | 0.74 | 0.74 | 0.16 | 6.16 | 218822 | 2.39 | 51.5 | -66.35 | 12.2 |  |  |
| 2019-04-29 07 | 21.7 | 21.4 | 4.47 | 45.9 | 45.3 | 9.44 | 0.73 | 0.72 | 0.15 | 5.8  | 205641 | 2.23 | 50.9 | -65.15 | 11.7 |  |  |
| 2019-04-29 08 | 21.2 | 21   | 4.44 | 45.9 | 45.6 | 9.61 | 0.72 | 0.72 | 0.15 | 5.87 | 209148 | 2.28 | 51.4 | -63.42 | 11.9 |  |  |
| 2019-04-29 09 | 23.7 | 23.4 | 5.03 | 48   | 47.5 | 10.2 | 0.72 | 0.71 | 0.15 | 5.82 | 212280 | 2.32 | 51.5 | -57.9  | 12   |  |  |
| 2019-04-29 10 | 23.5 | 23.3 | 4.99 | 49.5 | 49.2 | 10.5 | 0.72 | 0.72 | 0.15 | 5.89 | 212363 | 2.32 | 51.5 | -55.92 | 12.1 |  |  |
| 2019-04-29 11 | 26   | 25.6 | 5.5  | 43.5 | 42.8 | 9.21 | 0.71 | 0.7  | 0.15 | 5.74 | 211578 | 2.31 | 51.3 | -54.88 | 12.1 |  |  |
| 2019-04-29 12 | 26.8 | 26.3 | 5.77 | 41.8 | 41   | 8.99 | 0.72 | 0.71 | 0.15 | 5.71 | 215135 | 2.36 | 51.9 | -54.19 | 12.3 |  |  |
| 2019-04-29 13 | 24.3 | 23.9 | 5.11 | 42.8 | 42.2 | 9.01 | 0.72 | 0.7  | 0.15 | 5.77 | 210565 | 2.32 | 52   | -53.94 | 12.6 |  |  |
| 2019-04-29 14 | 25.8 | 25.4 | 5.57 | 44.8 | 44   | 9.66 | 0.72 | 0.7  | 0.15 | 5.73 | 215334 | 2.36 | 51.7 | -50.1  | 12.4 |  |  |
| 2019-04-29 15 | 24.5 | 23.4 | 5.37 | 48.6 | 46.5 | 10.6 | 0.71 | 0.68 | 0.16 | 5.31 | 218868 | 2.41 | 52.1 | -50.27 | 12.8 |  |  |
| 2019-04-29 16 | 25.6 | 24.3 | 5.75 | 41.7 | 39.6 | 9.37 | 0.71 | 0.68 | 0.16 | 5.21 | 224607 | 2.49 | 52.5 | -49.01 | 13.1 |  |  |
| 2019-04-29 17 | 21.3 | 20.6 | 4.84 | 42.3 | 41   | 9.64 | 0.72 | 0.7  | 0.16 | 5.52 | 227641 | 2.52 | 52.5 | -47.12 | 12.9 |  |  |
| 2019-04-29 18 | 20.3 | 19.6 | 4.66 | 44.8 | 43.3 | 10.3 | 0.73 | 0.7  | 0.17 | 5.45 | 229341 | 2.55 | 53.1 | -48.6  | 13.2 |  |  |
| 2019-04-29 19 | 22.8 | 21.9 | 5.07 | 40.6 | 39.1 | 9.05 | 0.72 | 0.69 | 0.16 | 5.4  | 222818 | 2.51 | 54   | -53.27 | 14.1 |  |  |
| 2019-04-29 20 | 20.3 | 19.8 | 4.46 | 37.9 | 36.9 | 8.32 | 0.71 | 0.69 | 0.16 | 5.62 | 219680 | 2.44 | 53.2 | -53.23 | 13.2 |  |  |
| 2019-04-29 21 | 19.6 | 19.2 | 4.31 | 42.2 | 41.4 | 9.3  | 0.72 | 0.7  | 0.16 | 5.68 | 220228 | 2.44 | 52.7 | -52.12 | 12.9 |  |  |
| 2019-04-29 22 | 19.5 | 19.1 | 4.28 | 44.8 | 43.8 | 9.82 | 0.71 | 0.7  | 0.16 | 5.66 | 219235 | 2.43 | 52.8 | -55.79 | 12.9 |  |  |

|               |      |      |      |      |      |      |       |       |       |      |          |      |      |         |      |  |  |
|---------------|------|------|------|------|------|------|-------|-------|-------|------|----------|------|------|---------|------|--|--|
| 2019-04-29 23 | 20.4 | 19.8 | 4.45 | 42.1 | 41   | 9.21 | 0.71  | 0.7   | 0.16  | 5.61 | 218868   | 2.42 | 52.4 | -61.29  | 12.7 |  |  |
| 2019-04-30 00 | 23.8 | 23.1 | 5.24 | 41   | 39.8 | 9.01 | 0.71  | 0.69  | 0.16  | 5.53 | 219972   | 2.43 | 52.5 | -61.16  | 12.7 |  |  |
| 2019-04-30 01 | 20.4 | 19.9 | 4.52 | 41   | 40   | 9.07 | 0.7   | 0.68  | 0.15  | 5.62 | 221140   | 2.44 | 52.4 | -61.23  | 12.6 |  |  |
| 2019-04-30 02 | 19.5 | 19   | 4.38 | 45.4 | 44.3 | 10.2 | 0.71  | 0.7   | 0.16  | 5.61 | 224210   | 2.47 | 52.2 | -58.56  | 12.5 |  |  |
| 2019-04-30 03 | 22.1 | 21.6 | 5    | 49.4 | 48.1 | 11.2 | 0.72  | 0.7   | 0.16  | 5.6  | 226060   | 2.5  | 52.6 | -53.9   | 12.9 |  |  |
| 2019-04-30 04 | 23.4 | 22.8 | 5.26 | 46.3 | 45   | 10.4 | 0.72  | 0.69  | 0.16  | 5.55 | 224214   | 2.5  | 53.3 | -56.29  | 13.3 |  |  |
| 2019-04-30 05 | 21.8 | 21.4 | 4.82 | 43.8 | 43.1 | 9.7  | 0.71  | 0.7   | 0.16  | 5.74 | 221212   | 2.45 | 52.7 | -54.69  | 13   |  |  |
| 2019-04-30 06 | 23.6 | 22.8 | 5.31 | 40.6 | 39.2 | 9.12 | 0.71  | 0.69  | 0.16  | 5.5  | 224908   | 2.49 | 52.8 | -57.44  | 13   |  |  |
| 2019-04-30 07 | 22.7 | 22.3 | 5.06 | 42.5 | 41.9 | 9.49 | 0.71  | 0.7   | 0.16  | 5.77 | 223385   | 2.47 | 52.5 | -54.38  | 12.9 |  |  |
| 2019-04-30 08 | 22.2 | 21.4 | 4.82 | 41.6 | 40.2 | 9.05 | 0.72  | 0.69  | 0.16  | 5.46 | 217540   | 2.4  | 52.6 | -55.72  | 12.8 |  |  |
| 2019-04-30 09 | 21   | 20.5 | 4.71 | 43.7 | 42.6 | 9.81 | 0.71  | 0.69  | 0.16  | 5.61 | 224259   | 2.5  | 53.2 | -59.73  | 13.2 |  |  |
| 2019-04-30 10 | 19.9 | 19.4 | 4.46 | 43.6 | 42.5 | 9.75 | 0.71  | 0.7   | 0.16  | 5.6  | 223539   | 2.48 | 52.8 | -57.75  | 13   |  |  |
| 2019-04-30 11 | 20.9 | 20.5 | 4.72 | 45.1 | 44.2 | 10.2 | 0.71  | 0.7   | 0.16  | 5.67 | 225869   | 2.5  | 52.5 | -55.38  | 12.9 |  |  |
| 2019-04-30 12 | 17.4 | 17.1 | 3.89 | 45.2 | 44.4 | 10.1 | 0.71  | 0.7   | 0.16  | 5.75 | 223682   | 2.47 | 52.6 | -48.53  | 12.8 |  |  |
| 2019-04-30 13 | 19.1 | 18.5 | 4.32 | 41.5 | 40.2 | 9.4  | 0.71  | 0.69  | 0.16  | 5.53 | 226637   | 2.51 | 52.8 | -49.85  | 12.9 |  |  |
| 2019-04-30 14 | 19.7 | 19.1 | 4.46 | 42.6 | 41.3 | 9.64 | 0.71  | 0.69  | 0.16  | 5.56 | 226538   | 2.51 | 52.7 | -47.06  | 13   |  |  |
| 2019-04-30 15 | 20.2 | 19.5 | 4.62 | 44.6 | 42.9 | 10.2 | 0.7   | 0.68  | 0.16  | 5.42 | 228310   | 2.52 | 52.2 | -48.75  | 12.7 |  |  |
| 2019-04-30 16 | 22   | 21.5 | 5.04 | 43.8 | 42.6 | 10   | 0.71  | 0.69  | 0.16  | 5.61 | 229041   | 2.53 | 52.6 | -50.57  | 12.8 |  |  |
| 2019-04-30 17 | 23.7 | 22.9 | 5.23 | 43.6 | 42.2 | 9.66 | 0.7   | 0.68  | 0.16  | 5.49 | 221188   | 2.45 | 52.5 | -45.44  | 12.9 |  |  |
| 2019-04-30 18 | 25.9 | 25   | 5.82 | 57.9 | 55.8 | 13   | 0.7   | 0.68  | 0.16  | 5.46 | 224798   | 2.48 | 52.3 | -53.08  | 12.7 |  |  |
| 2019-04-30 19 | 25.3 | 24.6 | 5.75 | 76.7 | 74.4 | 17.4 | 0.71  | 0.68  | 0.16  | 5.54 | 226998   | 2.52 | 52.9 | -56.77  | 13.2 |  |  |
| 2019-04-30 20 | 25.9 | 25.3 | 5.69 | 81.1 | 79.4 | 17.8 | 0.7   | 0.69  | 0.15  | 5.66 | 219816   | 2.44 | 53.1 | -63.95  | 13.1 |  |  |
| 2019-04-30 21 | 26.1 | 25.6 | 5.66 | 71.1 | 69.7 | 15.4 | 0.71  | 0.7   | 0.15  | 5.69 | 216934   | 2.38 | 51.9 | -54.58  | 12.4 |  |  |
| 2019-04-30 22 | 27   | 26.5 | 5.85 | 80.4 | 79   | 17.4 | 0.72  | 0.7   | 0.16  | 5.73 | 217001   | 2.38 | 51.8 | -47     | 12.3 |  |  |
| 2019-04-30 23 | 27.4 | 27.4 | 5.99 | 83.7 | 83.6 | 18.3 | 0.72  | 0.72  | 0.16  | 5.98 | 218502   | 2.4  | 51.7 | -52.19  | 12.3 |  |  |
| 平均值           | 23.3 | 23.8 | 5.26 | 71.2 | 72.8 | 16.1 | 0.734 | 0.748 | 0.165 | 6.28 | 225323   | 2.46 | 51.3 | -54.868 | 12.1 |  |  |
| 最大值           | 29   | 29.3 | 6.71 | 86.7 | 89.5 | 20.1 | 1.12  | 1.15  | 0.24  | 7.02 | 241683   | 2.66 | 54   | -16.6   | 14.1 |  |  |
| 最小值           | 16.6 | 17.1 | 3.81 | 37.9 | 36.9 | 8.32 | 0.7   | 0.68  | 0.15  | 5.21 | 205641   | 2.23 | 49.2 | -90     | 11   |  |  |
| 累计值           |      |      | 1136 |      |      | 3469 |       |       | 35.7  |      | 48669763 |      |      |         |      |  |  |