

Montezuma County - Colorado Cortez County Health Building

Site Abbreviation: MOCO

Time Period: 12/01/19 - 12/31/19

Preliminary Validation

Site Number: 446

AIRS Site Number: 08-083-0006

| DATE | TIME | O3-7 | STP-1 |
|-----------|------|--------|--------|
| DATE | TIME | hourly | hourly |
| DATE | TIME | ppb | degC |
| 12/1/2019 | 0 | 18 | 23.46 |
| 12/1/2019 | 100 | 12 | 23.36 |
| 12/1/2019 | 200 | 18 | 23.23 |
| 12/1/2019 | 300 | 16 | 23.23 |
| 12/1/2019 | 400 | 23 | 23.35 |
| 12/1/2019 | 500 | 22 | 23.5 |
| 12/1/2019 | 600 | 18 | 23.59 |
| 12/1/2019 | 700 | 22 | 23.72 |
| 12/1/2019 | 800 | 29 | 23.77 |
| 12/1/2019 | 900 | 35 | 23.77 |
| 12/1/2019 | 1000 | 37 | 23.8 |
| 12/1/2019 | 1100 | 40 | 23.3 |
| 12/1/2019 | 1200 | 42 | 23.58 |
| 12/1/2019 | 1300 | 40 | 23.78 |
| 12/1/2019 | 1400 | 38 | 23.82 |
| 12/1/2019 | 1500 | 35 | 23.85 |
| 12/1/2019 | 1600 | 30 | 23.83 |
| 12/1/2019 | 1700 | 26 | 23.85 |
| 12/1/2019 | 1800 | 24 | 23.84 |
| 12/1/2019 | 1900 | 22 | 23.78 |
| 12/1/2019 | 2000 | 11 | 23.75 |
| 12/1/2019 | 2100 | 8 | 23.73 |
| 12/1/2019 | 2200 | 15 | 23.73 |
| 12/1/2019 | 2300 | 11 | 23.64 |
| 12/2/2019 | 0 | 11 | 23.57 |
| 12/2/2019 | 100 | 12 | 23.52 |
| 12/2/2019 | 200 | 12 | 23.43 |
| 12/2/2019 | 300 | 12 | 23.37 |
| 12/2/2019 | 400 | 13 | 23.47 |
| 12/2/2019 | 500 | 12 | 23.59 |
| 12/2/2019 | 600 | 8 | 23.64 |
| 12/2/2019 | 700 | 5 | 23.74 |
| 12/2/2019 | 800 | 11 | 23.76 |
| 12/2/2019 | 900 | 20 | 23.76 |
| 12/2/2019 | 1000 | 31 | 23.75 |
| 12/2/2019 | 1100 | 34 | 23.69 |
| 12/2/2019 | 1200 | 35 | 23.7 |

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| 12/2/2019 | 1300 | 34 | 23.7 |
| 12/2/2019 | 1400 | 35 | 23.71 |
| 12/2/2019 | 1500 | 32 | 23.75 |
| 12/2/2019 | 1600 | 23 | 23.54 |
| 12/2/2019 | 1700 | 19 | 22.98 |
| 12/2/2019 | 1800 | 16 | 23.03 |
| 12/2/2019 | 1900 | 7 | 23.64 |
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| 12/2/2019 | 2100 | 4 | 23.65 |
| 12/2/2019 | 2200 | 6 | 23.58 |
| 12/2/2019 | 2300 | 10 | 23.52 |
| 12/3/2019 | 0 | 8 | 23.44 |
| 12/3/2019 | 100 | 7 | 23.34 |
| 12/3/2019 | 200 | 8 | 23.26 |
| 12/3/2019 | 300 | 10 | 23.22 |
| 12/3/2019 | 400 | 7 | 23.33 |
| 12/3/2019 | 500 | 6 | 23.53 |
| 12/3/2019 | 600 | 7 | 23.63 |
| 12/3/2019 | 700 | 5 | 23.65 |
| 12/3/2019 | 800 | 10 | 23.7 |
| 12/3/2019 | 900 | 17 | 23.68 |
| 12/3/2019 | 1000 | 24 | 23.73 |
| 12/3/2019 | 1100 | 32 | 23.75 |
| 12/3/2019 | 1200 | 33 | 23.8 |
| 12/3/2019 | 1300 | 33 | 23.45 |
| 12/3/2019 | 1400 | 34 | 23.8 |
| 12/3/2019 | 1500 | 34 | 24 |
| 12/3/2019 | 1600 | 30 | 24.07 |
| 12/3/2019 | 1700 | 12 | 23.21 |
| 12/3/2019 | 1800 | 13 | 23.1 |
| 12/3/2019 | 1900 | 6 | 23.73 |
| 12/3/2019 | 2000 | 7 | 23.86 |
| 12/3/2019 | 2100 | 5 | 23.93 |
| 12/3/2019 | 2200 | 9 | 23.9 |
| 12/3/2019 | 2300 | 6 | 23.81 |
| 12/4/2019 | 0 | 8 | 23.77 |
| 12/4/2019 | 100 | 11 | 23.73 |
| 12/4/2019 | 200 | 12 | 23.69 |
| 12/4/2019 | 300 | 11 | 23.62 |
| 12/4/2019 | 400 | 11 | 23.76 |
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| 12/4/2019 | 800 | 7 | 24.33 |
| 12/4/2019 | 900 | 13 | 23.92 |
| 12/4/2019 | 1000 | 22 | 23.9 |
| 12/4/2019 | 1100 | 26 | 23.29 |

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| 12/4/2019 | 1200 | 31 | 23.11 |
| 12/4/2019 | 1300 | 32 | 23.17 |
| 12/4/2019 | 1400 | 33 | 23.82 |
| 12/4/2019 | 1500 | 32 | 24.1 |
| 12/4/2019 | 1600 | 27 | 24.05 |
| 12/4/2019 | 1700 | 24 | 23.6 |
| 12/4/2019 | 1800 | 23 | 23.99 |
| 12/4/2019 | 1900 | 26 | 24.15 |
| 12/4/2019 | 2000 | 29 | 24.28 |
| 12/4/2019 | 2100 | 31 | 24.34 |
| 12/4/2019 | 2200 | 30 | 24.3 |
| 12/4/2019 | 2300 | 25 | 24.26 |
| 12/5/2019 | 0 | 28 | 24.25 |
| 12/5/2019 | 100 | 23 | 24.25 |
| 12/5/2019 | 200 | 24 | 24.27 |
| 12/5/2019 | 300 | 25 | 24.23 |
| 12/5/2019 | 400 | 24 | 24.24 |
| 12/5/2019 | 500 | 26 | 24.35 |
| 12/5/2019 | 600 | 27 | 24.42 |
| 12/5/2019 | 700 | 19 | 24.46 |
| 12/5/2019 | 800 | 23 | 24.48 |
| 12/5/2019 | 900 | 26 | 24.41 |
| 12/5/2019 | 1000 | 30 | 24.44 |
| 12/5/2019 | 1100 | 30 | 24.38 |
| 12/5/2019 | 1200 | 29 | 24.38 |
| 12/5/2019 | 1300 | 33 | 24.49 |
| 12/5/2019 | 1400 | 35 | 24.54 |
| 12/5/2019 | 1500 | 31 | 24.51 |
| 12/5/2019 | 1600 | 27 | 24.49 |
| 12/5/2019 | 1700 | 19 | 24.02 |
| 12/5/2019 | 1800 | 10 | 23.53 |
| 12/5/2019 | 1900 | 15 | 23.41 |
| 12/5/2019 | 2000 | 13 | 23.9 |
| 12/5/2019 | 2100 | 9 | 24.05 |
| 12/5/2019 | 2200 | 11 | 24 |
| 12/5/2019 | 2300 | 10 | 23.96 |
| 12/6/2019 | 0 | 9 | 23.87 |
| 12/6/2019 | 100 | 10 | 23.84 |
| 12/6/2019 | 200 | 13 | 23.73 |
| 12/6/2019 | 300 | 14 | 23.63 |
| 12/6/2019 | 400 | 16 | 23.72 |
| 12/6/2019 | 500 | 15 | 24 |
| 12/6/2019 | 600 | 15 | 24.19 |
| 12/6/2019 | 700 | 9 | 24.25 |
| 12/6/2019 | 800 | 10 | 24.3 |
| 12/6/2019 | 900 | 13 | 24.29 |
| 12/6/2019 | 1000 | 16 | 24.33 |

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| 12/6/2019 | 1100 | 23 | 24.27 |
| 12/6/2019 | 1200 | 31 | 24.19 |
| 12/6/2019 | 1300 | 33 | 24.2 |
| 12/6/2019 | 1400 | 34 | 24.23 |
| 12/6/2019 | 1500 | 34 | 24.23 |
| 12/6/2019 | 1600 | 26 | 24.3 |
| 12/6/2019 | 1700 | 18 | 24.31 |
| 12/6/2019 | 1800 | 6 | 24.3 |
| 12/6/2019 | 1900 | 7 | 24.27 |
| 12/6/2019 | 2000 | 4 | 24.23 |
| 12/6/2019 | 2100 | 5 | 24.2 |
| 12/6/2019 | 2200 | 4 | 24.11 |
| 12/6/2019 | 2300 | 7 | 24.08 |
| 12/7/2019 | 0 | 9 | 23.99 |
| 12/7/2019 | 100 | 7 | 23.9 |
| 12/7/2019 | 200 | 7 | 23.81 |
| 12/7/2019 | 300 | 11 | 23.79 |
| 12/7/2019 | 400 | 11 | 23.83 |
| 12/7/2019 | 500 | 13 | 23.98 |
| 12/7/2019 | 600 | 9 | 24.13 |
| 12/7/2019 | 700 | 10 | 24.26 |
| 12/7/2019 | 800 | 15 | 24.29 |
| 12/7/2019 | 900 | 25 | 24.36 |
| 12/7/2019 | 1000 | 28 | 24.51 |
| 12/7/2019 | 1100 | 32 | 24.59 |
| 12/7/2019 | 1200 | 33 | 24.61 |
| 12/7/2019 | 1300 | 35 | 24.67 |
| 12/7/2019 | 1400 | 36 | 24.7 |
| 12/7/2019 | 1500 | 32 | 24.74 |
| 12/7/2019 | 1600 | 23 | 24.74 |
| 12/7/2019 | 1700 | 12 | 24.73 |
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| 12/7/2019 | 1900 | 10 | 24.71 |
| 12/7/2019 | 2000 | 8 | 24.68 |
| 12/7/2019 | 2100 | 7 | 24.62 |
| 12/7/2019 | 2200 | 12 | 24.58 |
| 12/7/2019 | 2300 | 5 | 24.53 |
| 12/8/2019 | 0 | 9 | 24.47 |
| 12/8/2019 | 100 | 14 | 24.4 |
| 12/8/2019 | 200 | 14 | 24.39 |
| 12/8/2019 | 300 | 16 | 24.39 |
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| 12/8/2019 | 500 | 18 | 24.57 |
| 12/8/2019 | 600 | 21 | 24.66 |
| 12/8/2019 | 700 | 17 | 24.69 |
| 12/8/2019 | 800 | 13 | 24.76 |
| 12/8/2019 | 900 | 25 | 24.81 |

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| 12/8/2019 | 1000 | 23 | 23.8 |
| 12/8/2019 | 1100 | 25 | 24.05 |
| 12/8/2019 | 1200 | 25 | 24.51 |
| 12/8/2019 | 1300 | 29 | 24.71 |
| 12/8/2019 | 1400 | 28 | 24.77 |
| 12/8/2019 | 1500 | 29 | 24.83 |
| 12/8/2019 | 1600 | 27 | 24.82 |
| 12/8/2019 | 1700 | 24 | 24.85 |
| 12/8/2019 | 1800 | 30 | 24.84 |
| 12/8/2019 | 1900 | 26 | 24.82 |
| 12/8/2019 | 2000 | 31 | 24.81 |
| 12/8/2019 | 2100 | 30 | 24.81 |
| 12/8/2019 | 2200 | 26 | 24.75 |
| 12/8/2019 | 2300 | 26 | 24.69 |
| 12/9/2019 | 0 | 28 | 24.64 |
| 12/9/2019 | 100 | 26 | 24.58 |
| 12/9/2019 | 200 | 23 | 24.53 |
| 12/9/2019 | 300 | 24 | 24.45 |
| 12/9/2019 | 400 | 24 | 24.45 |
| 12/9/2019 | 500 | 10 | 24.56 |
| 12/9/2019 | 600 | 8 | 24.65 |
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| 12/9/2019 | 1000 | 34 | 24.55 |
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| 12/9/2019 | 1200 | 40 | 24.56 |
| 12/9/2019 | 1300 | 43 | 24.67 |
| 12/9/2019 | 1400 | 41 | 24.68 |
| 12/9/2019 | 1500 | 41 | 24.69 |
| 12/9/2019 | 1600 | 35 | 24.68 |
| 12/9/2019 | 1700 | 28 | 24.49 |
| 12/9/2019 | 1800 | 21 | 23.61 |
| 12/9/2019 | 1900 | 21 | 23.57 |
| 12/9/2019 | 2000 | 20 | 23.98 |
| 12/9/2019 | 2100 | 14 | 24.17 |
| 12/9/2019 | 2200 | 14 | 24.18 |
| 12/9/2019 | 2300 | 17 | 24.13 |
| 12/10/2019 | 0 | 14 | 24.07 |
| 12/10/2019 | 100 | 18 | 23.98 |
| 12/10/2019 | 200 | 20 | 23.9 |
| 12/10/2019 | 300 | 21 | 23.77 |
| 12/10/2019 | 400 | 22 | 23.79 |
| 12/10/2019 | 500 | 26 | 23.98 |
| 12/10/2019 | 600 | 30 | 24.13 |
| 12/10/2019 | 700 | 15 | 24.18 |
| 12/10/2019 | 800 | 20 | 24.22 |

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| 12/10/2019 | 900 | 26 | 24.26 |
| 12/10/2019 | 1000 | 30 | 24.23 |
| 12/10/2019 | 1100 | 38 | 24.26 |
| 12/10/2019 | 1200 | 39 | 24.22 |
| 12/10/2019 | 1300 | 38 | 24.19 |
| 12/10/2019 | 1400 | 38 | 23.28 |
| 12/10/2019 | 1500 | 36 | 23.47 |
| 12/10/2019 | 1600 | 31 | 23.78 |
| 12/10/2019 | 1700 | 28 | 23.09 |
| 12/10/2019 | 1800 | 16 | 22.51 |
| 12/10/2019 | 1900 | 5 | 23.4 |
| 12/10/2019 | 2000 | 5 | 23.5 |
| 12/10/2019 | 2100 | 9 | 23.54 |
| 12/10/2019 | 2200 | 13 | 23.51 |
| 12/10/2019 | 2300 | 15 | 23.47 |
| 12/11/2019 | 0 | 12 | 23.42 |
| 12/11/2019 | 100 | 17 | 23.36 |
| 12/11/2019 | 200 | 17 | 23.28 |
| 12/11/2019 | 300 | 16 | 23.19 |
| 12/11/2019 | 400 | 18 | 23.23 |
| 12/11/2019 | 500 | 18 | 23.41 |
| 12/11/2019 | 600 | 15 | 23.6 |
| 12/11/2019 | 700 | 6 | 23.67 |
| 12/11/2019 | 800 | 9 | 23.67 |
| 12/11/2019 | 900 | 15 | 23.47 |
| 12/11/2019 | 1000 | 22 | 23.22 |
| 12/11/2019 | 1100 | 30 | 23.6 |
| 12/11/2019 | 1200 | 32 | 23.96 |
| 12/11/2019 | 1300 | 32 | 24.14 |
| 12/11/2019 | 1400 | 32 | 24.23 |
| 12/11/2019 | 1500 | 29 | 24.23 |
| 12/11/2019 | 1600 | 24 | 24.29 |
| 12/11/2019 | 1700 | 9 | 23.73 |
| 12/11/2019 | 1800 | 11 | 23.14 |
| 12/11/2019 | 1900 | 7 | 23.78 |
| 12/11/2019 | 2000 | 3 | 23.95 |
| 12/11/2019 | 2100 | 11 | 23.96 |
| 12/11/2019 | 2200 | 8 | 23.95 |
| 12/11/2019 | 2300 | 12 | 23.99 |
| 12/12/2019 | 0 | 6 | 23.94 |
| 12/12/2019 | 100 | 12 | 23.83 |
| 12/12/2019 | 200 | 14 | 23.8 |
| 12/12/2019 | 300 | 14 | 23.78 |
| 12/12/2019 | 400 | 9 | 23.81 |
| 12/12/2019 | 500 | 15 | 24.07 |
| 12/12/2019 | 600 | 9 | 24.22 |
| 12/12/2019 | 700 | 12 | 24.3 |

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| 12/12/2019 | 800 | 6 | 24.37 |
| 12/12/2019 | 900 | 23 | 24.41 |
| 12/12/2019 | 1000 | 31 | 24.39 |
| 12/12/2019 | 1100 | 35 | 24.38 |
| 12/12/2019 | 1200 | 34 | 24.41 |
| 12/12/2019 | 1300 | 37 | 24.43 |
| 12/12/2019 | 1400 | 37 | 24.48 |
| 12/12/2019 | 1500 | 36 | 24.64 |
| 12/12/2019 | 1600 | 30 | 24.66 |
| 12/12/2019 | 1700 | 16 | 23.85 |
| 12/12/2019 | 1800 | 11 | 23.81 |
| 12/12/2019 | 1900 | 16 | 24.2 |
| 12/12/2019 | 2000 | 12 | 24.35 |
| 12/12/2019 | 2100 | 11 | 24.38 |
| 12/12/2019 | 2200 | 12 | 24.38 |
| 12/12/2019 | 2300 | 13 | 24.38 |
| 12/13/2019 | 0 | 9 | 24.35 |
| 12/13/2019 | 100 | 9 | 24.27 |
| 12/13/2019 | 200 | 11 | 24.23 |
| 12/13/2019 | 300 | 11 | 24.17 |
| 12/13/2019 | 400 | 10 | 24.2 |
| 12/13/2019 | 500 | 8 | 24.41 |
| 12/13/2019 | 600 | 5 | 24.59 |
| 12/13/2019 | 700 | 5 | 24.66 |
| 12/13/2019 | 800 | 7 | 24.79 |
| 12/13/2019 | 900 | 14 | 24.88 |
| 12/13/2019 | 1000 | 27 | 24.91 |
| 12/13/2019 | 1100 | 33 | 24.91 |
| 12/13/2019 | 1200 | 35 | 24.87 |
| 12/13/2019 | 1300 | 37 | 24.92 |
| 12/13/2019 | 1400 | 35 | 24.91 |
| 12/13/2019 | 1500 | 28 | 24.91 |
| 12/13/2019 | 1600 | 23 | 24.89 |
| 12/13/2019 | 1700 | 27 | 24.88 |
| 12/13/2019 | 1800 | 36 | 24.81 |
| 12/13/2019 | 1900 | 33 | 24.8 |
| 12/13/2019 | 2000 | 34 | 24.74 |
| 12/13/2019 | 2100 | 28 | 24.68 |
| 12/13/2019 | 2200 | 16 | 24.62 |
| 12/13/2019 | 2300 | 15 | 24.5 |
| 12/14/2019 | 0 | 20 | 24.4 |
| 12/14/2019 | 100 | 26 | 24.34 |
| 12/14/2019 | 200 | 19 | 24.32 |
| 12/14/2019 | 300 | 27 | 24.26 |
| 12/14/2019 | 400 | 17 | 24.34 |
| 12/14/2019 | 500 | 19 | 24.52 |
| 12/14/2019 | 600 | 15 | 24.6 |

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| 12/14/2019 | 700 | 8 | 24.66 |
| 12/14/2019 | 800 | 7 | 24.76 |
| 12/14/2019 | 900 | 16 | 24.83 |
| 12/14/2019 | 1000 | 26 | 24.91 |
| 12/14/2019 | 1100 | 26 | 24.96 |
| 12/14/2019 | 1200 | 26 | 25.04 |
| 12/14/2019 | 1300 | 31 | 25.17 |
| 12/14/2019 | 1400 | 29 | 25.22 |
| 12/14/2019 | 1500 | 24 | 25.23 |
| 12/14/2019 | 1600 | 24 | 25.26 |
| 12/14/2019 | 1700 | 22 | 25.2 |
| 12/14/2019 | 1800 | 25 | 25.23 |
| 12/14/2019 | 1900 | 29 | 25.2 |
| 12/14/2019 | 2000 | 23 | 25.18 |
| 12/14/2019 | 2100 | 25 | 25.14 |
| 12/14/2019 | 2200 | 22 | 25.03 |
| 12/14/2019 | 2300 | 19 | 24.83 |
| 12/15/2019 | 0 | 17 | 24.76 |
| 12/15/2019 | 100 | 31 | 24.64 |
| 12/15/2019 | 200 | 34 | 24.53 |
| 12/15/2019 | 300 | 34 | 24.42 |
| 12/15/2019 | 400 | 36 | 24.38 |
| 12/15/2019 | 500 | 34 | 24.6 |
| 12/15/2019 | 600 | 31 | 24.75 |
| 12/15/2019 | 700 | 28 | 24.83 |
| 12/15/2019 | 800 | 30 | 24.91 |
| 12/15/2019 | 900 | 29 | 24.99 |
| 12/15/2019 | 1000 | 28 | 25.01 |
| 12/15/2019 | 1100 | 32 | 24.99 |
| 12/15/2019 | 1200 | 36 | 25.01 |
| 12/15/2019 | 1300 | 38 | 25.13 |
| 12/15/2019 | 1400 | 33 | 25.11 |
| 12/15/2019 | 1500 | 32 | 25.11 |
| 12/15/2019 | 1600 | 34 | 24.28 |
| 12/15/2019 | 1700 | 35 | 23.9 |
| 12/15/2019 | 1800 | 38 | 24.35 |
| 12/15/2019 | 1900 | 38 | 24.49 |
| 12/15/2019 | 2000 | 37 | 24.46 |
| 12/15/2019 | 2100 | 36 | 24.47 |
| 12/15/2019 | 2200 | 34 | 24.46 |
| 12/15/2019 | 2300 | 33 | 24.4 |
| 12/16/2019 | 0 | 28 | 24.28 |
| 12/16/2019 | 100 | 28 | 24.19 |
| 12/16/2019 | 200 | 26 | 24.14 |
| 12/16/2019 | 300 | 23 | 24.08 |
| 12/16/2019 | 400 | 19 | 24.11 |
| 12/16/2019 | 500 | 19 | 24.38 |

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| 12/16/2019 | 600 | 18 | 24.55 |
| 12/16/2019 | 700 | 7 | 24.66 |
| 12/16/2019 | 800 | 20 | 24.66 |
| 12/16/2019 | 900 | 30 | 24.58 |
| 12/16/2019 | 1000 | 38 | 24.5 |
| 12/16/2019 | 1100 | 39 | 24.53 |
| 12/16/2019 | 1200 | 40 | 24.55 |
| 12/16/2019 | 1300 | 40 | 23.92 |
| 12/16/2019 | 1400 | 41 | 23.67 |
| 12/16/2019 | 1500 | 40 | 24.26 |
| 12/16/2019 | 1600 | 37 | 24.4 |
| 12/16/2019 | 1700 | 31 | 23.33 |
| 12/16/2019 | 1800 | 29 | 22.77 |
| 12/16/2019 | 1900 | 29 | 23.51 |
| 12/16/2019 | 2000 | 27 | 23.94 |
| 12/16/2019 | 2100 | 31 | 23.99 |
| 12/16/2019 | 2200 | 31 | 24.01 |
| 12/16/2019 | 2300 | 29 | 23.98 |
| 12/17/2019 | 0 | 32 | 23.88 |
| 12/17/2019 | 100 | 30 | 23.81 |
| 12/17/2019 | 200 | 32 | 23.75 |
| 12/17/2019 | 300 | 22 | 23.65 |
| 12/17/2019 | 400 | 29 | 23.72 |
| 12/17/2019 | 500 | 31 | 23.99 |
| 12/17/2019 | 600 | 21 | 24.22 |
| 12/17/2019 | 700 | 20 | 24.35 |
| 12/17/2019 | 800 | 22 | 24.44 |
| 12/17/2019 | 900 | 30 | 24.32 |
| 12/17/2019 | 1000 | 33 | 24.37 |
| 12/17/2019 | 1100 | -9999 | 23.67 |
| 12/17/2019 | 1200 | -9999 | 23.4 |
| 12/17/2019 | 1300 | 39 | 23.12 |
| 12/17/2019 | 1400 | 37 | 22.93 |
| 12/17/2019 | 1500 | 35 | 23.36 |
| 12/17/2019 | 1600 | 29 | 23.18 |
| 12/17/2019 | 1700 | 29 | 22.92 |
| 12/17/2019 | 1800 | 27 | 23.44 |
| 12/17/2019 | 1900 | 17 | 23.73 |
| 12/17/2019 | 2000 | 12 | 23.88 |
| 12/17/2019 | 2100 | 13 | 23.95 |
| 12/17/2019 | 2200 | 22 | 24.04 |
| 12/17/2019 | 2300 | 19 | 23.99 |
| 12/18/2019 | 0 | 15 | 23.89 |
| 12/18/2019 | 100 | 15 | 23.81 |
| 12/18/2019 | 200 | 16 | 23.74 |
| 12/18/2019 | 300 | 12 | 23.67 |
| 12/18/2019 | 400 | 12 | 23.78 |

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| 12/18/2019 | 500 | 9 | 24.02 |
| 12/18/2019 | 600 | 10 | 24.28 |
| 12/18/2019 | 700 | 9 | 24.34 |
| 12/18/2019 | 800 | 16 | 24.32 |
| 12/18/2019 | 900 | 21 | 24.3 |
| 12/18/2019 | 1000 | 29 | 24.29 |
| 12/18/2019 | 1100 | 33 | 24.25 |
| 12/18/2019 | 1200 | 38 | 24.29 |
| 12/18/2019 | 1300 | 27 | 24.37 |
| 12/18/2019 | 1400 | 25 | 24.36 |
| 12/18/2019 | 1500 | 23 | 24.37 |
| 12/18/2019 | 1600 | 16 | 24.3 |
| 12/18/2019 | 1700 | 7 | 23.5 |
| 12/18/2019 | 1800 | 2 | 23.08 |
| 12/18/2019 | 1900 | 9 | 23.64 |
| 12/18/2019 | 2000 | 5 | 23.82 |
| 12/18/2019 | 2100 | 8 | 23.82 |
| 12/18/2019 | 2200 | 16 | 23.85 |
| 12/18/2019 | 2300 | 27 | 23.75 |
| 12/19/2019 | 0 | 35 | 23.74 |
| 12/19/2019 | 100 | 36 | 23.74 |
| 12/19/2019 | 200 | 36 | 23.79 |
| 12/19/2019 | 300 | 31 | 23.68 |
| 12/19/2019 | 400 | 25 | 23.75 |
| 12/19/2019 | 500 | 23 | 24.05 |
| 12/19/2019 | 600 | 26 | 24.32 |
| 12/19/2019 | 700 | 15 | 24.46 |
| 12/19/2019 | 800 | 10 | 24.41 |
| 12/19/2019 | 900 | 18 | 24.41 |
| 12/19/2019 | 1000 | 33 | 24.4 |
| 12/19/2019 | 1100 | 36 | 24.35 |
| 12/19/2019 | 1200 | 35 | 24.17 |
| 12/19/2019 | 1300 | 37 | 24.45 |
| 12/19/2019 | 1400 | 35 | 24.5 |
| 12/19/2019 | 1500 | 34 | 24.53 |
| 12/19/2019 | 1600 | 25 | 24.58 |
| 12/19/2019 | 1700 | 18 | 24.06 |
| 12/19/2019 | 1800 | 19 | 23.58 |
| 12/19/2019 | 1900 | 21 | 23.69 |
| 12/19/2019 | 2000 | 14 | 23.97 |
| 12/19/2019 | 2100 | 5 | 24.09 |
| 12/19/2019 | 2200 | 8 | 24.12 |
| 12/19/2019 | 2300 | 8 | 24.14 |
| 12/20/2019 | 0 | 10 | 24.08 |
| 12/20/2019 | 100 | 9 | 24 |
| 12/20/2019 | 200 | 10 | 23.96 |
| 12/20/2019 | 300 | 10 | 23.87 |

| | | | |
|------------|------|----|-------|
| 12/20/2019 | 400 | 12 | 23.97 |
| 12/20/2019 | 500 | 17 | 24.2 |
| 12/20/2019 | 600 | 14 | 24.42 |
| 12/20/2019 | 700 | 10 | 24.47 |
| 12/20/2019 | 800 | 15 | 24.45 |
| 12/20/2019 | 900 | 18 | 24.36 |
| 12/20/2019 | 1000 | 25 | 24.32 |
| 12/20/2019 | 1100 | 29 | 24.32 |
| 12/20/2019 | 1200 | 29 | 24.33 |
| 12/20/2019 | 1300 | 30 | 24.37 |
| 12/20/2019 | 1400 | 31 | 24.4 |
| 12/20/2019 | 1500 | 30 | 24.35 |
| 12/20/2019 | 1600 | 26 | 24.27 |
| 12/20/2019 | 1700 | 16 | 24.25 |
| 12/20/2019 | 1800 | 16 | 24.29 |
| 12/20/2019 | 1900 | 13 | 24.28 |
| 12/20/2019 | 2000 | 7 | 24.26 |
| 12/20/2019 | 2100 | 10 | 24.24 |
| 12/20/2019 | 2200 | 9 | 24.18 |
| 12/20/2019 | 2300 | 8 | 24.09 |
| 12/21/2019 | 0 | 5 | 24 |
| 12/21/2019 | 100 | 9 | 24 |
| 12/21/2019 | 200 | 10 | 23.91 |
| 12/21/2019 | 300 | 11 | 23.81 |
| 12/21/2019 | 400 | 8 | 23.95 |
| 12/21/2019 | 500 | 9 | 24.21 |
| 12/21/2019 | 600 | 7 | 24.4 |
| 12/21/2019 | 700 | 7 | 24.46 |
| 12/21/2019 | 800 | 17 | 24.58 |
| 12/21/2019 | 900 | 23 | 24.58 |
| 12/21/2019 | 1000 | 28 | 24.67 |
| 12/21/2019 | 1100 | 33 | 24.75 |
| 12/21/2019 | 1200 | 36 | 24.82 |
| 12/21/2019 | 1300 | 37 | 24.87 |
| 12/21/2019 | 1400 | 33 | 24.96 |
| 12/21/2019 | 1500 | 26 | 24.98 |
| 12/21/2019 | 1600 | 20 | 24.97 |
| 12/21/2019 | 1700 | 13 | 24.85 |
| 12/21/2019 | 1800 | 9 | 23.79 |
| 12/21/2019 | 1900 | 3 | 24.06 |
| 12/21/2019 | 2000 | 7 | 24.25 |
| 12/21/2019 | 2100 | 7 | 24.24 |
| 12/21/2019 | 2200 | 5 | 24.28 |
| 12/21/2019 | 2300 | 12 | 24.25 |
| 12/22/2019 | 0 | 10 | 24.17 |
| 12/22/2019 | 100 | 14 | 24.09 |
| 12/22/2019 | 200 | 18 | 24.02 |

| | | | |
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| 12/22/2019 | 300 | 15 | 23.97 |
| 12/22/2019 | 400 | 20 | 24.06 |
| 12/22/2019 | 500 | 20 | 24.32 |
| 12/22/2019 | 600 | 16 | 24.54 |
| 12/22/2019 | 700 | 20 | 24.67 |
| 12/22/2019 | 800 | 19 | 24.69 |
| 12/22/2019 | 900 | 16 | 24.71 |
| 12/22/2019 | 1000 | 24 | 24.75 |
| 12/22/2019 | 1100 | 36 | 24.86 |
| 12/22/2019 | 1200 | 36 | 24.91 |
| 12/22/2019 | 1300 | 35 | 24.98 |
| 12/22/2019 | 1400 | 35 | 25.02 |
| 12/22/2019 | 1500 | 27 | 25.03 |
| 12/22/2019 | 1600 | 23 | 25.09 |
| 12/22/2019 | 1700 | 13 | 25.05 |
| 12/22/2019 | 1800 | 13 | 24.95 |
| 12/22/2019 | 1900 | 14 | 24.88 |
| 12/22/2019 | 2000 | 9 | 24.81 |
| 12/22/2019 | 2100 | 21 | 24.77 |
| 12/22/2019 | 2200 | 26 | 24.69 |
| 12/22/2019 | 2300 | 22 | 24.58 |
| 12/23/2019 | 0 | 20 | 24.52 |
| 12/23/2019 | 100 | 13 | 24.43 |
| 12/23/2019 | 200 | 16 | 24.37 |
| 12/23/2019 | 300 | 19 | 24.31 |
| 12/23/2019 | 400 | 15 | 24.4 |
| 12/23/2019 | 500 | 21 | 24.61 |
| 12/23/2019 | 600 | 17 | 24.75 |
| 12/23/2019 | 700 | 13 | 24.87 |
| 12/23/2019 | 800 | 17 | 24.89 |
| 12/23/2019 | 900 | 15 | 24.79 |
| 12/23/2019 | 1000 | 24 | 24.81 |
| 12/23/2019 | 1100 | 30 | 24.77 |
| 12/23/2019 | 1200 | 29 | 24.79 |
| 12/23/2019 | 1300 | 29 | 24.83 |
| 12/23/2019 | 1400 | 25 | 24.84 |
| 12/23/2019 | 1500 | 18 | 24.89 |
| 12/23/2019 | 1600 | 17 | 24.72 |
| 12/23/2019 | 1700 | 17 | 23.55 |
| 12/23/2019 | 1800 | 12 | 24.05 |
| 12/23/2019 | 1900 | 14 | 24.32 |
| 12/23/2019 | 2000 | 8 | 24.47 |
| 12/23/2019 | 2100 | 24 | 24.52 |
| 12/23/2019 | 2200 | 19 | 24.5 |
| 12/23/2019 | 2300 | 25 | 24.46 |
| 12/24/2019 | 0 | 24 | 24.45 |
| 12/24/2019 | 100 | 32 | 24.45 |

| | | | |
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| 12/24/2019 | 200 | 32 | 24.44 |
| 12/24/2019 | 300 | 34 | 24.51 |
| 12/24/2019 | 400 | 30 | 24.61 |
| 12/24/2019 | 500 | 34 | 24.73 |
| 12/24/2019 | 600 | 35 | 24.88 |
| 12/24/2019 | 700 | 30 | 24.99 |
| 12/24/2019 | 800 | 30 | 25.11 |
| 12/24/2019 | 900 | 34 | 25.2 |
| 12/24/2019 | 1000 | 37 | 25.28 |
| 12/24/2019 | 1100 | 36 | 25.32 |
| 12/24/2019 | 1200 | 37 | 25.39 |
| 12/24/2019 | 1300 | 34 | 25.48 |
| 12/24/2019 | 1400 | 32 | 25.5 |
| 12/24/2019 | 1500 | 31 | 25.46 |
| 12/24/2019 | 1600 | 28 | 25.44 |
| 12/24/2019 | 1700 | 31 | 25.48 |
| 12/24/2019 | 1800 | 30 | 25.44 |
| 12/24/2019 | 1900 | 30 | 25.48 |
| 12/24/2019 | 2000 | 28 | 25.44 |
| 12/24/2019 | 2100 | 24 | 25.33 |
| 12/24/2019 | 2200 | 21 | 25.14 |
| 12/24/2019 | 2300 | 17 | 24.97 |
| 12/25/2019 | 0 | 18 | 24.87 |
| 12/25/2019 | 100 | 20 | 24.78 |
| 12/25/2019 | 200 | 23 | 24.75 |
| 12/25/2019 | 300 | 23 | 24.69 |
| 12/25/2019 | 400 | 25 | 24.68 |
| 12/25/2019 | 500 | 29 | 24.84 |
| 12/25/2019 | 600 | 25 | 24.94 |
| 12/25/2019 | 700 | 28 | 24.98 |
| 12/25/2019 | 800 | 35 | 25.07 |
| 12/25/2019 | 900 | 38 | 25.16 |
| 12/25/2019 | 1000 | 39 | 25.27 |
| 12/25/2019 | 1100 | 40 | 25.35 |
| 12/25/2019 | 1200 | 39 | 25.51 |
| 12/25/2019 | 1300 | 39 | 25.64 |
| 12/25/2019 | 1400 | 39 | 25.5 |
| 12/25/2019 | 1500 | 40 | 25.48 |
| 12/25/2019 | 1600 | 39 | 25.41 |
| 12/25/2019 | 1700 | 35 | 25.42 |
| 12/25/2019 | 1800 | 29 | 25.38 |
| 12/25/2019 | 1900 | 33 | 25.21 |
| 12/25/2019 | 2000 | 37 | 25.11 |
| 12/25/2019 | 2100 | 37 | 25.02 |
| 12/25/2019 | 2200 | 35 | 24.85 |
| 12/25/2019 | 2300 | 29 | 24.77 |
| 12/26/2019 | 0 | 30 | 24.71 |

| | | | |
|------------|------|----|-------|
| 12/26/2019 | 100 | 38 | 24.64 |
| 12/26/2019 | 200 | 35 | 24.57 |
| 12/26/2019 | 300 | 33 | 24.5 |
| 12/26/2019 | 400 | 26 | 24.6 |
| 12/26/2019 | 500 | 26 | 24.79 |
| 12/26/2019 | 600 | 19 | 24.98 |
| 12/26/2019 | 700 | 16 | 25.04 |
| 12/26/2019 | 800 | 19 | 25 |
| 12/26/2019 | 900 | 34 | 24.92 |
| 12/26/2019 | 1000 | 34 | 24.7 |
| 12/26/2019 | 1100 | 39 | 24.76 |
| 12/26/2019 | 1200 | 41 | 24.95 |
| 12/26/2019 | 1300 | 43 | 25.03 |
| 12/26/2019 | 1400 | 44 | 25.03 |
| 12/26/2019 | 1500 | 44 | 25.06 |
| 12/26/2019 | 1600 | 41 | 25.11 |
| 12/26/2019 | 1700 | 30 | 24.08 |
| 12/26/2019 | 1800 | 29 | 24.3 |
| 12/26/2019 | 1900 | 24 | 24.5 |
| 12/26/2019 | 2000 | 28 | 24.47 |
| 12/26/2019 | 2100 | 34 | 24.47 |
| 12/26/2019 | 2200 | 42 | 24.45 |
| 12/26/2019 | 2300 | 39 | 24.42 |
| 12/27/2019 | 0 | 42 | 24.46 |
| 12/27/2019 | 100 | 42 | 24.54 |
| 12/27/2019 | 200 | 42 | 24.56 |
| 12/27/2019 | 300 | 41 | 24.57 |
| 12/27/2019 | 400 | 38 | 24.57 |
| 12/27/2019 | 500 | 40 | 24.72 |
| 12/27/2019 | 600 | 40 | 24.83 |
| 12/27/2019 | 700 | 39 | 24.45 |
| 12/27/2019 | 800 | 37 | 24.76 |
| 12/27/2019 | 900 | 37 | 24.99 |
| 12/27/2019 | 1000 | 35 | 25.11 |
| 12/27/2019 | 1100 | 28 | 25.25 |
| 12/27/2019 | 1200 | 27 | 25.24 |
| 12/27/2019 | 1300 | 34 | 25.38 |
| 12/27/2019 | 1400 | 31 | 25.41 |
| 12/27/2019 | 1500 | 30 | 25.33 |
| 12/27/2019 | 1600 | 26 | 25.23 |
| 12/27/2019 | 1700 | 22 | 25.08 |
| 12/27/2019 | 1800 | 28 | 24.99 |
| 12/27/2019 | 1900 | 32 | 24.92 |
| 12/27/2019 | 2000 | 32 | 24.82 |
| 12/27/2019 | 2100 | 33 | 24.85 |
| 12/27/2019 | 2200 | 34 | 24.77 |
| 12/27/2019 | 2300 | 35 | 24.66 |

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|------------|------|----|-------|
| 12/28/2019 | 0 | 34 | 24.55 |
| 12/28/2019 | 100 | 34 | 24.47 |
| 12/28/2019 | 200 | 33 | 24.35 |
| 12/28/2019 | 300 | 33 | 24.27 |
| 12/28/2019 | 400 | 35 | 24.3 |
| 12/28/2019 | 500 | 35 | 24.48 |
| 12/28/2019 | 600 | 33 | 24.64 |
| 12/28/2019 | 700 | 35 | 24.74 |
| 12/28/2019 | 800 | 35 | 24.86 |
| 12/28/2019 | 900 | 36 | 24.9 |
| 12/28/2019 | 1000 | 36 | 24.92 |
| 12/28/2019 | 1100 | 38 | 24.97 |
| 12/28/2019 | 1200 | 38 | 25.03 |
| 12/28/2019 | 1300 | 39 | 25.16 |
| 12/28/2019 | 1400 | 40 | 25.27 |
| 12/28/2019 | 1500 | 41 | 25.31 |
| 12/28/2019 | 1600 | 39 | 25.3 |
| 12/28/2019 | 1700 | 39 | 25.23 |
| 12/28/2019 | 1800 | 38 | 25.07 |
| 12/28/2019 | 1900 | 37 | 24.94 |
| 12/28/2019 | 2000 | 37 | 24.84 |
| 12/28/2019 | 2100 | 37 | 24.78 |
| 12/28/2019 | 2200 | 38 | 24.71 |
| 12/28/2019 | 2300 | 38 | 24.57 |
| 12/29/2019 | 0 | 38 | 24.47 |
| 12/29/2019 | 100 | 36 | 24.34 |
| 12/29/2019 | 200 | 34 | 24.25 |
| 12/29/2019 | 300 | 36 | 24.15 |
| 12/29/2019 | 400 | 33 | 24.24 |
| 12/29/2019 | 500 | 36 | 24.46 |
| 12/29/2019 | 600 | 34 | 24.6 |
| 12/29/2019 | 700 | 37 | 24.69 |
| 12/29/2019 | 800 | 37 | 24.84 |
| 12/29/2019 | 900 | 37 | 24.9 |
| 12/29/2019 | 1000 | 38 | 24.31 |
| 12/29/2019 | 1100 | 38 | 23.15 |
| 12/29/2019 | 1200 | 39 | 24.07 |
| 12/29/2019 | 1300 | 40 | 24.41 |
| 12/29/2019 | 1400 | 40 | 24.6 |
| 12/29/2019 | 1500 | 40 | 24.69 |
| 12/29/2019 | 1600 | 40 | 24.81 |
| 12/29/2019 | 1700 | 34 | 24.77 |
| 12/29/2019 | 1800 | 35 | 24.71 |
| 12/29/2019 | 1900 | 35 | 24.62 |
| 12/29/2019 | 2000 | 33 | 24.56 |
| 12/29/2019 | 2100 | 32 | 24.44 |
| 12/29/2019 | 2200 | 26 | 24.38 |

| | | | |
|------------|------|----|-------|
| 12/29/2019 | 2300 | 25 | 24.38 |
| 12/30/2019 | 0 | 25 | 24.29 |
| 12/30/2019 | 100 | 25 | 24.2 |
| 12/30/2019 | 200 | 29 | 24.17 |
| 12/30/2019 | 300 | 30 | 24.15 |
| 12/30/2019 | 400 | 22 | 24.16 |
| 12/30/2019 | 500 | 22 | 24.33 |
| 12/30/2019 | 600 | 20 | 24.47 |
| 12/30/2019 | 700 | 17 | 24.54 |
| 12/30/2019 | 800 | 13 | 24.64 |
| 12/30/2019 | 900 | 23 | 24.64 |
| 12/30/2019 | 1000 | 30 | 24.62 |
| 12/30/2019 | 1100 | 34 | 24.56 |
| 12/30/2019 | 1200 | 36 | 24.57 |
| 12/30/2019 | 1300 | 37 | 24.43 |
| 12/30/2019 | 1400 | 37 | 24.45 |
| 12/30/2019 | 1500 | 36 | 24.32 |
| 12/30/2019 | 1600 | 35 | 23.54 |
| 12/30/2019 | 1700 | 25 | 23.22 |
| 12/30/2019 | 1800 | 16 | 23.59 |
| 12/30/2019 | 1900 | 14 | 23.85 |
| 12/30/2019 | 2000 | 18 | 23.94 |
| 12/30/2019 | 2100 | 18 | 23.99 |
| 12/30/2019 | 2200 | 11 | 23.91 |
| 12/30/2019 | 2300 | 16 | 23.89 |
| 12/31/2019 | 0 | 19 | 23.86 |
| 12/31/2019 | 100 | 20 | 23.81 |
| 12/31/2019 | 200 | 24 | 23.75 |
| 12/31/2019 | 300 | 23 | 23.74 |
| 12/31/2019 | 400 | 18 | 23.83 |
| 12/31/2019 | 500 | 22 | 24.09 |
| 12/31/2019 | 600 | 19 | 24.27 |
| 12/31/2019 | 700 | 17 | 24.45 |
| 12/31/2019 | 800 | 16 | 24.59 |
| 12/31/2019 | 900 | 30 | 24.67 |
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| 12/31/2019 | 1300 | 40 | 24.82 |
| 12/31/2019 | 1400 | 38 | 24.85 |
| 12/31/2019 | 1500 | 37 | 24.89 |
| 12/31/2019 | 1600 | 40 | 24.83 |
| 12/31/2019 | 1700 | 29 | 24.71 |
| 12/31/2019 | 1800 | 31 | 24.68 |
| 12/31/2019 | 1900 | 16 | 24.63 |
| 12/31/2019 | 2000 | 15 | 24.56 |
| 12/31/2019 | 2100 | 20 | 24.48 |

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|------------|------|----|-------|
| 12/31/2019 | 2200 | 15 | 24.42 |
| 12/31/2019 | 2300 | 20 | 24.31 |