

|                | Flight Date | mean(CH4.X) | sd(CH4.x) | NOAA_Curtain B.C. | GEOS_Chem B.C. | NOAA offset | GEOS offset | n   | Mean Exit LAT | Mean Exit LON |
|----------------|-------------|-------------|-----------|-------------------|----------------|-------------|-------------|-----|---------------|---------------|
| Central Valley | 507         | 1839.46     | 9.35      | 1835.41           | 1846.96        | 5.41        | -3.17       | 255 | 39.17         | -126.88       |
|                | 511         | 1862.94     | 19.24     | 1849.67           | 1874.52        | 16.21       | -6.40       | 302 | 44.11         | -127.51       |
|                | 512         | 1848.86     | 6.79      | 1848.29           | 1862.99        | 0.11        | -13.45      | 109 | 47.28         | -120.95       |
|                | 614         | 1815.75     | 19.13     | 1838.74           | 1821.95        | -25.22      | -7.17       | 616 | 40.96         | -127.84       |
|                | 616         | 1857.81     | 7.73      | 1840.79           | 1855.27        | 15.13       | -0.69       | 258 | 46.56         | -128.18       |
|                | 618         | 1847.72     | 23.69     | 1844.28           | 1851.83        | 6.75        | -5.64       | 513 | 42.92         | -127.66       |
| Los Angeles    | 508         | 1828.20     | 17.49     | 1830.81           | 1837.93        | -8.20       | -13.50      | 377 | 35.33         | -125.77       |
|                | 514         | 1827.07     | 6.46      | 1847.11           | 1867.24        | -21.31      | -40.81      | 38  | 42.94         | -120.73       |
|                | 519         | 1815.67     | 17.55     | 1833.46           | 1828.75        | -20.41      | -11.80      | 235 | 37.07         | -126.20       |
|                | 521         | 1856.10     | 11.47     | 1848.74           | 1877.07        | 6.60        | -16.11      | 21  | 39.81         | -126.67       |
|                | 620         | 1871.08     | 3.06      | 1833.69           | 1875.22        | 23.35       | -5.71       | 185 | 36.72         | -126.32       |
|                | Mean:       | 1842.79     | 12.91     | 1841.00           | 1854.52        | -0.14       | -11.31      | 264 | 41.17         | -125.88       |
|                | SD:         | 18.99       | 6.75      | 6.98              | 19.07          | 16.52       | 10.89       | 185 | 3.97          | 2.60          |