|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| UCSD Scripps Pier Data | | | |  | | Kaohsiung Data | | | |  | | | |  | |
| Year (decimal) | | 129I/127I | error | |  | |  | Year | 129I/127I | | | error |
| 2011.503 | 32.3 | | 3.8 | |  | |  | 2011.7692 | 38.1 | | | 2.6 |
| 2011.521 | 45.6 | | 5.1 | |  | |  | 2012.4615 | 52.7 | | | 3.5 |
| 2011.556 | | 50.8 | 5.5 | |  | |  | 2013.7692 | 39.1 | | | 5.2 |
| 2011.573 | | 37.8 | 5.1 | |  | |  | 2015.1439 | 36.4 | | | 1.7 |
| 2011.591 | | 35.6 | 6.5 | |  | |  |  | | |  | | | |  | |
| 2011.618 | | 49.0 | 4.6 | |  | |  |  | | |  | | | |  | |
| 2011.640 | | 57.4 | 5.8 | |  | |  |  | | |  | | | |  | |
| 2011.655 | | 54.7 | 5.4 | |  | |  |  | | |  | | | |  | |
| 2011.677 | | 61.0 | 3.2 | |  | |  |  | | |  | | | |  | |
| 2011.7 | | 56.5 | 4.3 | |  | |  |  | | |  | | | |  | |
| 2011.723 | | 67.5 | 4.7 | |  | |  |  | | |  | | | |  | |
| 2011.749 | | 58.1 | 4.1 | |  | |  |  | | |  | | | |  | |
| 2011.779 | | 50.1 | 3.6 | |  | |  |  | | |  | | | |  | |
| 2011.794 | | 70.4 | 3.5 | |  | |  |  | | |  | | | |  | |
| 2011.814 | | 64.1 | 10.2 | |  | |  |  | | |  | | | |  | |
| 2011.824 | | 50.8 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2011.824 | | 61.4 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2011.821 | | 54.8 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2011.834 | | 59.2 | 3.4 | |  | |  |  | | |  | | | |  | |
| 2011.851 | | 72.8 | 5.4 | |  | |  |  | | |  | | | |  | |
| 2011.869 | | 61.1 | 4.8 | |  | |  |  | | |  | | | |  | |
| 2011.890 | | 61.4 | 6.8 | |  | |  |  | | |  | | | |  | |
| 2011.905 | | 69.2 | 5.1 | |  | |  |  | | |  | | | |  | |
| 2011.926 | | 68.3 | 4.6 | |  | |  |  | | |  | | | |  | |
| 2011.943 | | 64.7 | 6.4 | |  | |  |  | | |  | | | |  | |
| 2012.089 | | 66.7 | 5.0 | |  | |  |  | | |  | | | |  | |
| 2012.107 | | 61.1 | 11.5 | |  | |  |  | | |  | | | |  | |
| 2012.139 | | 51 | 12.5 | |  | |  |  | | |  | | | |  | |
| 2012.162 | | 58.9 | 8.0 | |  | |  |  | | |  | | | |  | |
| 2012.191 | | 62.2 | 6.0 | |  | |  |  | | |  | | | |  | |
| 2012.218 | | 54.5 | 8.2 | |  | |  |  | | |  | | | |  | |
| 2012.246 | | 46 | 12.6 | |  | |  |  | | |  | | | |  | |
| 2012.268 | | 56.3 | 8.8 | |  | |  |  | | |  | | | |  | |
| 2012.295 | | 55.8 | 4.9 | |  | |  |  | | |  | | | |  | |
| 2012.318 | | 56 | 4.5 | |  | |  |  | | |  | | | |  | |
| 2012.349 | | 53.4 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2012.377 | | 58.7 | 13.2 | |  | |  |  | | |  | | | |  | |
| 2012.409 | | 57.9 | 3.2 | |  | |  |  | | |  | | | |  | |
| 2012.444 | | 61.5 | 3.0 | |  | |  |  | | |  | | | |  | |
| 2012.474 | | 62.6 | 3.2 | |  | |  |  | | |  | | | |  | |
| 2012.495 | | 59.3 | 7.4 | |  | |  |  | | |  | | | |  | |
| 2012.521 | | 62.7 | 3.8 | |  | |  |  | | |  | | | |  | |
| 2012.543 | | 60 | 5.3 | |  | |  |  | | |  | | | |  | |
| 2012.578 | | 59.2 | 3.2 | |  | |  |  | | |  | | | |  | |
| 2012.606 | | 50.2 | 4.7 | |  | |  |  | | |  | | | |  | |
| 2012.648 | | 66.3 | 7.4 | |  | |  |  | | |  | | | |  | |
| 2012.673 | | 56.3 | 6.5 | |  | |  |  | | |  | | | |  | |
| 2012.721 | | 55.4 | 3.8 | |  | |  |  | | |  | | | |  | |
| 2012.756 | | 58.0 | 4.6 | |  | |  |  | | |  | | | |  | |
| 2012.777 | | 76.7 | 5.8 | |  | |  |  | | |  | | | |  | |
| 2012.779 | | 61.8 | 6.8 | |  | |  |  | | |  | | | |  | |
| 2012.809 | | 64.2 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2012.841 | | 64.7 | 2.8 | |  | |  |  | | |  | | | |  | |
| 2012.871 | | 70.5 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2012.903 | | 68.0 | 3.5 | |  | |  |  | | |  | | | |  | |
| 2012.943 | | 59.6 | 2.6 | |  | |  |  | | |  | | | |  | |
| 2012.973 | | 59.9 | 2.6 | |  | |  |  | | |  | | | |  | |
| 2013.089 | | 69.5 | 3.1 | |  | |  |  | | |  | | | |  | |
| 2013.124 | | 62.9 | 3.1 | |  | |  |  | | |  | | | |  | |
| 2013.159 | | 56.6 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.201 | | 59.5 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.233 | | 63.2 | 2.5 | |  | |  |  | | |  | | | |  | |
| 2013.266 | | 58.3 | 2.5 | |  | |  |  | | |  | | | |  | |
| 2013.268 | | 58.9 | 2.5 | |  | |  |  | | |  | | | |  | |
| 2013.268 | | 43.3 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.271 | | 54.1 | 2.7 | |  | |  |  | | |  | | | |  | |
| 2013.303 | | 51.7 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2013.350 | | 45.2 | 3.4 | |  | |  |  | | |  | | | |  | |
| 2013.375 | | 44.7 | 2.6 | |  | |  |  | | |  | | | |  | |
| 2013.414 | | 50.2 | 3.8 | |  | |  |  | | |  | | | |  | |
| 2013.447 | | 50.9 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2013.484 | | 34.4 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2013.516 | | 49.2 | 2.8 | |  | |  |  | | |  | | | |  | |
| 2013.553 | | 59.4 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.598 | | 48.8 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2013.476 | | 52.2 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.553 | | 59.9 | 3.3 | |  | |  |  | | |  | | | |  | |
| 2013.610 | | 58.3 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2013.613 | | 53.8 | 2.5 | |  | |  |  | | |  | | | |  | |
| 2013.620 | | 47.9 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2013.643 | | 75.1 | 7.4 | |  | |  |  | | |  | | | |  | |
| 2013.673 | | 61.8 | 5.5 | |  | |  |  | | |  | | | |  | |
| 2013.720 | | 56.7 | 9.2 | |  | |  |  | | |  | | | |  | |
| 2013.749 | | 68.5 | 5.7 | |  | |  |  | | |  | | | |  | |
| 2013.784 | | 61.0 | 3.3 | |  | |  |  | | |  | | | |  | |
| 2013.816 | | 64.3 | 3.6 | |  | |  |  | | |  | | | |  | |
| 2013.821 | | 54.9 | 3.4 | |  | |  |  | | |  | | | |  | |
| 2013.821 | | 58.7 | 6.0 | |  | |  |  | | |  | | | |  | |
| 2013.844 | | 66.7 | 1.4 | |  | |  |  | | |  | | | |  | |
| 2013.873 | | 57.2 | 3.9 | |  | |  |  | | |  | | | |  | |
| 2013.898 | | 71.9 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2013.931 | | 57.1 | 1.4 | |  | |  |  | | |  | | | |  | |
| 2013.963 | | 59.6 | 3.5 | |  | |  |  | | |  | | | |  | |
| 2014.0 | | 59.8 | 6.3 | |  | |  |  | | |  | | | |  | |
| 2014.112 | | 51 | 16 | |  | |  |  | | |  | | | |  | |
| 2014.149 | | 60.8 | 9.7 | |  | |  |  | | |  | | | |  | |
| 2014.186 | | 52.9 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2014.216 | | 62.2 | 7.4 | |  | |  |  | | |  | | | |  | |
| 2014.258 | | 67.0 | 3.3 | |  | |  |  | | |  | | | |  | |
| 2014.293 | | 63.2 | 3.5 | |  | |  |  | | |  | | | |  | |
| 2013.792 | | 67.0 | 7.7 | |  | |  |  | | |  | | | |  | |
| 2013.856 | | 63.1 | 4.9 | |  | |  |  | | |  | | | |  | |
| 2013.933 | | 71 | 14 | |  | |  |  | | |  | | | |  | |
| 2014.099 | | 61.6 | 2.7 | |  | |  |  | | |  | | | |  | |
| 2014.179 | | 68.0 | 4.4 | |  | |  |  | | |  | | | |  | |
| 2014.263 | | 63 | 15 | |  | |  |  | | |  | | | |  | |
| 2013.682 | | 69.4 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2014.290 | | 76.6 | 7.2 | |  | |  |  | | |  | | | |  | |
| 2014.290 | | 68 | 10 | |  | |  |  | | |  | | | |  | |
| 2014.300 | | 58.3 | 7.0 | |  | |  |  | | |  | | | |  | |
| 2014.303 | | 63.4 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2014.362 | | 64.5 | 4.1 | |  | |  |  | | |  | | | |  | |
| 2014.397 | | 58.8 | 2.9 | |  | |  |  | | |  | | | |  | |
| 2014.464 | | 61 | 17 | |  | |  |  | | |  | | | |  | |
| 2014.534 | | 70.8 | 4.8 | |  | |  |  | | |  | | | |  | |
| 2014.566 | | 66.6 | 6.5 | |  | |  |  | | |  | | | |  | |
| 2014.601 | | 64.3 | 6.3 | |  | |  |  | | |  | | | |  | |
| 2014.67 | | 80.0 | 7.2 | |  | |  |  | | |  | | | |  | |
| 2014.744 | | 74.4 | 5.2 | |  | |  |  | | |  | | | |  | |
| 2014.754 | | 71.0 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2014.469 | | 77.3 | 8.0 | |  | |  |  | | |  | | | |  | |
| 2014.732 | | 73.8 | 4.2 | |  | |  |  | | |  | | | |  | |
| 2014.754 | | 64.8 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2014.782 | | 56.7 | 1.8 | |  | |  |  | | |  | | | |  | |
| 2014.821 | | 59.7 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2014.856 | | 50.7 | 2.0 | |  | |  |  | | |  | | | |  | |
| 2014.888 | | 65.5 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2014.933 | | 64.8 | 4.8 | |  | |  |  | | |  | | | |  | |
| 2014.963 | | 69.6 | 2.3 | |  | |  |  | | |  | | | |  | |
| 2014.995 | | 70.4 | 3.7 | |  | |  |  | | |  | | | |  | |
| 2015.107 | | 42.5 | 4.5 | |  | |  |  | | |  | | | |  | |
| 2015.139 | | 80.3 | 3.8 | |  | |  |  | | |  | | | |  | |
| 2015.174 | | 76.4 | 4.1 | |  | |  |  | | |  | | | |  | |
| 2015.208 | | 66.5 | 3.2 | |  | |  |  | | |  | | | |  | |
| 2015.253 | | 70.4 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2015.288 | | 66.4 | 2.0 | |  | |  |  | | |  | | | |  | |
| 2015.325 | | 64.6 | 7.5 | |  | |  |  | | |  | | | |  | |
| 2015.362 | | 65 | 11 | |  | |  |  | | |  | | | |  | |
| 2015.392 | | 66.8 | 1.1 | |  | |  |  | | |  | | | |  | |
| 2014.325 | | 59.9 | 7.2 | |  | |  |  | | |  | | | |  | |
| 2014.362 | | 62.3 | 1.8 | |  | |  |  | | |  | | | |  | |
| 2014.432 | | 58.9 | 1.1 | |  | |  |  | | |  | | | |  | |
| 2014.501 | | 68.5 | 2.6 | |  | |  |  | | |  | | | |  | |
| 2014.534 | | 65.7 | 3.6 | |  | |  |  | | |  | | | |  | |
| 2014.643 | | 68.1 | 2.0 | |  | |  |  | | |  | | | |  | |
| 2014.67 | | 69.5 | 3.7 | |  | |  |  | | |  | | | |  | |
| 2014.710 | | 68.6 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2015.742 | | 71.3 | 5.3 | |  | |  |  | | |  | | | |  | |
| 2015.779 | | 69.7 | 6.2 | |  | |  |  | | |  | | | |  | |
| 2015.814 | | 51 | 12 | |  | |  |  | | |  | | | |  | |
| 2015.849 | | 64.7 | 7.2 | |  | |  |  | | |  | | | |  | |
| 2015.918 | | 40 | 11 | |  | |  |  | | |  | | | |  | |
| 2015.950 | | 56.1 | 5.2 | |  | |  |  | | |  | | | |  | |
| 2015.993 | | 63.7 | 6.1 | |  | |  |  | | |  | | | |  | |
| 2016.104 | | 62.9 | 2.3 | |  | |  |  | | |  | | | |  | |
| 2016.137 | | 45.8 | 6.4 | |  | |  |  | | |  | | | |  | |
| 2016.174 | | 71.0 | 2.7 | |  | |  |  | | |  | | | |  | |
| 2016.206 | | 69.0 | 4.3 | |  | |  |  | | |  | | | |  | |
| 2016.246 | | 49.9 | 5.6 | |  | |  |  | | |  | | | |  | |
| 2016.280 | | 58.2 | 4.0 | |  | |  |  | | |  | | | |  | |
| 2016.313 | | 62.7 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.355 | | 68.2 | 4.7 | |  | |  |  | | |  | | | |  | |
| 2016.409 | | 57.5 | 6.1 | |  | |  |  | | |  | | | |  | |
| 2016.424 | | 60.1 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.457 | | 44.3 | 6.3 | |  | |  |  | | |  | | | |  | |
| 2016.491 | | 59.3 | 7.4 | |  | |  |  | | |  | | | |  | |
| 2016.524 | | 60.9 | 2.6 | |  | |  |  | | |  | | | |  | |
| 2016.563 | | 61.5 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2016.596 | | 48.1 | 5.1 | |  | |  |  | | |  | | | |  | |
| 2016.635 | | 56.1 | 5.2 | |  | |  |  | | |  | | | |  | |
| 2016.673 | | 55.4 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2016.705 | | 54.9 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.737 | | 56.4 | 2.0 | |  | |  |  | | |  | | | |  | |
| 2016.772 | | 53.8 | 1.5 | |  | |  |  | | |  | | | |  | |
| 2016.809 | | 56.8 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.841 | | 54.8 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.878 | | 56.5 | 1.5 | |  | |  |  | | |  | | | |  | |
| 2016.913 | | 51.9 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2016.948 | | 61.4 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2017.119 | | 53.5 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2017.146 | | 61.0 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2017.184 | | 61.4 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2017.218 | | 55.5 | 1.5 | |  | |  |  | | |  | | | |  | |
| 2017.258 | | 59.1 | 1.5 | |  | |  |  | | |  | | | |  | |
| 2017.295 | | 64.3 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2017.33 | | 61.6 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2017.367 | | 60.4 | 2.4 | |  | |  |  | | |  | | | |  | |
| 2017.417 | | 60.5 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2017.464 | | 60.9 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2017.524 | | 64.8 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2017.556 | | 63.9 | 3.3 | |  | |  |  | | |  | | | |  | |
| 2017.598 | | 63.6 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2017.630 | | 67.5 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2017.668 | | 58.4 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2017.705 | | 66.1 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2017.752 | | 66.4 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2017.789 | | 68.0 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2017.824 | | 68.6 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2017.869 | | 64.4 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2017.918 | | 67.1 | 2.5 | |  | |  |  | | |  | | | |  | |
| 2017.960 | | 62.3 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2017.998 | | 65.0 | 2.1 | |  | |  |  | | |  | | | |  | |
| 2018.112 | | 59.9 | 1.8 | |  | |  |  | | |  | | | |  | |
| 2018.146 | | 61.3 | 1.6 | |  | |  |  | | |  | | | |  | |
| 2018.181 | | 64.5 | 1.9 | |  | |  |  | | |  | | | |  | |
| 2018.213 | | 61.3 | 2.2 | |  | |  |  | | |  | | | |  | |
| 2018.258 | | 59.1 | 1.7 | |  | |  |  | | |  | | | |  | |
| 2018.315 | | 59.6 | 1.5 | |  | |  |  | | |  | | | |  | |
| 2018.357 | | 56.5 | 1.8 | |  | |  |  | | |  | | | |  | |
| 2018.395 | | 54.4 | 2.0 | |  | |  |  | | |  | | | |  | |