

# Salton Sea Ambient Air and Meteorological Monitoring



## Imperial Irrigation District

Summary Period: 03-01-2016 through 03-31-2016

Report Date: 10-21-2016

## Data Summary - Particulate Concentration

PM10

|                     | Bombay Beach | Naval Test Base | Salton City | Salton Sea Park | Sonny Bono | Torres-Martinez |
|---------------------|--------------|-----------------|-------------|-----------------|------------|-----------------|
| <b>Data Capture</b> | 1.00         | 1.00            | 0.92        | 1.00            | 1.00       | 0.93            |
| <b>Monthly Mean</b> | 37.6         | 312.9           | 231.1       | 21.3            | 68.0       | 35.3            |
| <b>Max Hour</b>     | 1537.9       | 24535.0         | 7671.7      | 240.8           | 2533.0     | 1791.7          |
| <b>Min Hour</b>     | -20.3        | -39.8           | -46.0       | -21.5           | -15.7      | -377.9          |

PM25

|                     | Bombay Beach | Naval Test Base | Salton City | Salton Sea Park | Sonny Bono | Torres-Martinez |
|---------------------|--------------|-----------------|-------------|-----------------|------------|-----------------|
| <b>Data Capture</b> | 1.00         | 1.00            | 0.92        | 1.00            | 1.00       | 0.93            |
| <b>Monthly Mean</b> | 4.2          | 21.9            | 18.5        | 3.9             | 8.0        | 3.4             |
| <b>Max Hour</b>     | 78.7         | 1343.9          | 501.4       | 26.2            | 284.0      | 64.9            |
| <b>Min Hour</b>     | -29.6        | -13.2           | -13.6       | -25.1           | -18.1      | -323.3          |

# Salton Sea Ambient Air and Meteorological Monitoring



## Imperial Irrigation District

Summary Period: 03-01-2016 through 03-31-2016

Report Date: 10-21-2016

## Data Summary - Meteorological Data

### Naval Test Base

|                     | at_2m | delta_temp_diff | net_rad | rh_2m | wd_sonic | ws_10m |
|---------------------|-------|-----------------|---------|-------|----------|--------|
| <b>Data Capture</b> | 1     | 1               | 1       | 1     | 1        | 1      |
| <b>Monthly Mean</b> | 21.3  | 0.4             | 71.7    | 28.2  | 217.6    | 5.2    |
| <b>Max Hour</b>     | 32.5  | 4.9             | 689.1   | 78.6  | 336.4    | 18.4   |
| <b>Min Hour</b>     | 9.2   | -1.1            | -80.0   | 6.3   | 31.5     | 0.4    |

### Sonny Bono

|                     |      |      |       |      |       |      |
|---------------------|------|------|-------|------|-------|------|
| <b>Data Capture</b> | 1    | 1    | 1     | 1    | 1     | 1    |
| <b>Monthly Mean</b> | 20.3 | 0.5  | 80.6  | 46.4 | 227.1 | 4.5  |
| <b>Max Hour</b>     | 33.5 | 6.0  | 519.2 | 86.9 | 324.8 | 19.1 |
| <b>Min Hour</b>     | 8.2  | -2.3 | -85.5 | 8.1  | 43.3  | 0.7  |

### Salton Sea Park

|                     |      |      |        |      |       |      |
|---------------------|------|------|--------|------|-------|------|
| <b>Data Capture</b> | 1    | 1    | 1      | 1    | 1     | 1    |
| <b>Monthly Mean</b> | 21.5 | 0.9  | 80.7   | 35.2 | 193.9 | 2.3  |
| <b>Max Hour</b>     | 32.8 | 6.1  | 536.1  | 68.5 | 332.6 | 11.8 |
| <b>Min Hour</b>     | 10.1 | -1.7 | -120.0 | 7.3  | 30.8  | 0.1  |

### Torres-Martinez

|                     |      |      |       |      |       |      |
|---------------------|------|------|-------|------|-------|------|
| <b>Data Capture</b> | 0.93 | 0.93 | 0.93  | 0.93 | 0.93  | 0.93 |
| <b>Monthly Mean</b> | 19.5 | 1.0  | 81.2  | 43.3 | 239.5 | 3.2  |
| <b>Max Hour</b>     | 32.2 | 7.4  | 467.5 | 86.0 | 343.7 | 9.2  |
| <b>Min Hour</b>     | 5.9  | -1.4 | -95.4 | 11.7 | 35.4  | 0.4  |

### Salton City

|                     |      |      |       |      |       |      |
|---------------------|------|------|-------|------|-------|------|
| <b>Data Capture</b> | 0.35 | 0.35 | 0.35  | 0.35 | 0.35  | 0.35 |
| <b>Monthly Mean</b> | 20.7 | 0.3  | 40.4  | 34.8 | 225.3 | 4.5  |
| <b>Max Hour</b>     | 31.5 | 5.4  | 351.1 | 65.5 | 332.0 | 15.5 |
| <b>Min Hour</b>     | 9.7  | -1.5 | -69.2 | 7.6  | 37.0  | 0.8  |

### Bombay Beach

|                     |      |      |       |      |       |      |
|---------------------|------|------|-------|------|-------|------|
| <b>Data Capture</b> | 1    | 1    | 1     | 1    | 1     | 1    |
| <b>Monthly Mean</b> | 20.4 | 0.8  | 77.7  | 40.3 | 187.7 | 3.7  |
| <b>Max Hour</b>     | 31.6 | 4.8  | 508.2 | 72.5 | 342.5 | 16.9 |
| <b>Min Hour</b>     | 8.0  | -1.3 | -89.6 | 9.4  | 4.9   | 0.2  |

# Salton Sea Ambient Air and Meteorological Monitoring Net



## Imperial Irrigation District

Summary Period: 03-01-2016 through 03-31-2016

Report Date: 10-21-2016

## Data Review - Data Flags

| deployment      | start.date | start.hour | end.date   | end.hour | flag                     | flag_note   | reviewed | invalidate |
|-----------------|------------|------------|------------|----------|--------------------------|---|----------|------------|
| Bombay Beach    | 2016-03-18 | 11:00:00   | 2016-03-18 | 12:00:00 | Revalidated 3D WDV (ASI) | 3D vector-averaged wind direction (calculated) was manually revalidated by Air Sciences.  | TRUE     | FALSE      |
| Salton Sea Park | 2016-03-21 | 12:00:00   | 2016-03-23 | 00:00:00 | TEOM Status Error        | TEOM returned a status error.   | TRUE     | TRUE       |
| Naval Test Base | 2016-03-08 | 14:00:00   | 2016-03-08 | 15:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Naval Test Base | 2016-03-14 | 09:00:00   | 2016-03-14 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton City     | 2016-03-08 | 13:00:00   | 2016-03-08 | 14:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton City     | 2016-03-14 | 08:00:00   | 2016-03-14 | 10:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-03 | 09:00:00   | 2016-03-03 | 10:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-10 | 10:00:00   | 2016-03-10 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-17 | 09:00:00   | 2016-03-17 | 10:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Sonny Bono      | 2016-03-09 | 09:00:00   | 2016-03-09 | 10:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Torres-Martinez | 2016-03-21 | 10:00:00   | 2016-03-21 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-18 | 14:00:00   | 2016-03-18 | 15:00:00 | Revalidated 3D WDV (ASI) | 3D vector-averaged wind direction (calculated) was manually revalidated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-19 | 08:00:00   | 2016-03-19 | 10:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-19 | 13:00:00   | 2016-03-19 | 14:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-22 | 13:00:00   | 2016-03-22 | 14:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-21 | 13:00:00   | 2016-03-21 | 14:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-24 | 07:00:00   | 2016-03-25 | 07:00:00 | TEOM Status Error        | TEOM returned a status error.   | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-25 | 07:00:00   | 2016-03-26 | 07:00:00 | TEOM Status Error        | TEOM returned a status error.   | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-26 | 07:00:00   | 2016-03-27 | 07:00:00 | TEOM Status Error        | TEOM returned a status error.   | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-27 | 06:00:00   | 2016-03-28 | 07:00:00 | TEOM Status Error        | TEOM returned a status error.   | FALSE    | TRUE       |
| Bombay Beach    | 2016-03-04 | 11:00:00   | 2016-03-04 | 12:00:00 | Revalidated 3D WDV (ASI) | 3D vector-averaged wind direction (calculated) was manually revalidated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-05 | 12:00:00   | 2016-03-05 | 13:00:00 | Revalidated 3D WDV (ASI) | 3D vector-averaged wind direction (calculated) was manually revalidated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-02 | 09:00:00   | 2016-03-02 | 10:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-02 | 11:00:00   | 2016-03-02 | 12:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Bombay Beach    | 2016-03-10 | 09:00:00   | 2016-03-10 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-17 | 12:00:00   | 2016-03-17 | 13:00:00 | Validated 3D WDV (ASI)   | 3D vector-averaged wind direction (calculated) was manually validated by Air Sciences.  | TRUE     | FALSE      |
| Torres-Martinez | 2016-03-10 | 11:00:00   | 2016-03-10 | 12:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | TRUE     | TRUE       |
| Salton Sea Park | 2016-03-28 | 23:00:00   | 2016-04-06 | 07:00:00 | TEOM Status Error        | TEOM returned a status error.   | FALSE    | TRUE       |
| Bombay Beach    | 2016-03-30 | 09:00:00   | 2016-03-30 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Bombay Beach    | 2016-03-30 | 09:00:00   | 2016-03-30 | 11:00:00 | TEOM Status Error        | TEOM returned a status error.   | FALSE    | TRUE       |
| Naval Test Base | 2016-03-29 | 08:00:00   | 2016-03-29 | 09:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Sonny Bono      | 2016-03-29 | 06:00:00   | 2016-03-29 | 08:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Torres-Martinez | 2016-03-31 | 09:00:00   | 2016-03-31 | 10:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Torres-Martinez | 2016-03-31 | 12:00:00   | 2016-03-31 | 13:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Torres-Martinez | 2016-03-31 | 09:00:00   | 2016-03-31 | 11:00:00 | TEOM Status Error        | TEOM returned a status error.   | FALSE    | TRUE       |
| Salton City     | 2016-03-29 | 09:00:00   | 2016-03-29 | 11:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Salton City     | 2016-03-30 | 07:00:00   | 2016-03-30 | 08:00:00 | TEOM Op Mode Error       | TEOM returned an operation mode error.  | FALSE    | TRUE       |
| Bombay Beach    | 2016-03-30 | 10:00:00   | 2016-03-30 | 12:00:00 | Site Visit               | Site visit maintenance. The TEOM filters were replaced.   | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-14 | 12:00:00   | 2016-03-14 | 13:00:00 | Site Visit               | MET Site Visit/Maintenance: No internet connection upon arrival. Restarted logger computer and downloaded 41 updates before it would connect - Invalidated. | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-14 | 20:00:00   | 2016-03-14 | 22:00:00 | Invalidated Data         | MET Ultrasonic Young Error & Data Gap - Invalidated.  | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-21 | 12:00:00   | 2016-03-21 | 15:00:00 | Site Visit               | MET Site Visit/Maintenance - Invalidated.   | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-10 | 10:00:00   | 2016-03-10 | 11:00:00 | Site Visit               | TEOM Site Visit/Maintenance: Replaced TEOM filters. Adjusted time on TEOM +3 mins - Invalidated.  | TRUE     | TRUE       |
| Bombay Beach    | 2016-03-14 | 12:00:00   | 2016-03-14 | 13:00:00 | Site Visit               | TEOM Site Visit/Maintenance: No internet connection upon arrival. Restarted logger  | TRUE     | TRUE       |

|                 |            |          |            |          |                     |   |      |       |
|-----------------|------------|----------|------------|----------|---------------------|---|------|-------|
|                 |            |          |            |          |                     | computer and downloaded 41 updates before it would connect - Invalidated.   |      |       |
| Bombay Beach    | 2016-03-21 | 12:00:00 | 2016-03-21 | 15:00:00 | Site Audit          | TEOM Site Visit/Maintenance: Leak Check, Flow Audit, Leak Check, replaced TEOM Filters - Invalidated.                                     | TRUE | TRUE  |
| Bombay Beach    | 2016-03-30 | 10:00:00 | 2016-03-30 | 12:00:00 | Site Visit          | TEOM Site Visit/Maintenance: TEOM filters replaced - Invalidated.   | TRUE | TRUE  |
| Naval Test Base | 2016-03-08 | 14:00:00 | 2016-03-08 | 16:00:00 | Site Visit          | MET Site Visit - Invalidated.   | TRUE | TRUE  |
| Naval Test Base | 2016-03-08 | 14:00:00 | 2016-03-08 | 16:00:00 | Site Visit          | TEOM Site Visit/Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Naval Test Base | 2016-03-14 | 10:00:00 | 2016-03-14 | 12:00:00 | Site Visit          | TEOM Site Visit?Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Naval Test Base | 2016-03-15 | 00:00:00 | 2016-03-24 | 06:00:00 | Invalidated Data    | MET Noticing 2m bearings failing - Invalidated.   | TRUE | TRUE  |
| Naval Test Base | 2016-03-24 | 06:00:00 | 2016-03-24 | 08:00:00 | Site Visit          | MET Site Visit/Maintenance: changed bearings on 2m anemometer - Invalidated.  | TRUE | TRUE  |
| 1001            | 2016-03-30 | 07:45:00 | 2016-03-30 | 12:15:00 | Site Audit          | MET - ASI on site for install/audit/calibration.  | TRUE | TRUE  |
| Naval Test Base | 2016-03-24 | 06:00:00 | 2016-03-24 | 08:00:00 | Site Audit          | TEOM Site Visit/Audit/Maintenance: leak check, flow audit, leak check, replaced TEOM filters - Invalidated.                               | TRUE | TRUE  |
| Naval Test Base | 2016-03-28 | 19:00:00 | 2016-03-28 | 22:00:00 | Invalidated Data    | MET Too low of values for 1m ws - Invalidated.  | TRUE | TRUE  |
| Naval Test Base | 2016-03-29 | 09:00:00 | 2016-03-29 | 10:00:00 | Site Visit          | TEOM Site Visit/Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Salton City     | 2016-03-02 | 02:00:00 | 2016-03-04 | 14:00:00 | General Information | MET + PM data gap.  | TRUE | FALSE |
| Salton City     | 2016-03-08 | 14:00:00 | 2016-03-08 | 15:00:00 | Site Visit          | TEOM Site Visit/Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Salton City     | 2016-03-08 | 14:00:00 | 2016-03-09 | 23:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Salton City     | 2016-03-13 | 18:00:00 | 2016-03-14 | 02:00:00 | General Information | MET Sonic anemometer error/data gap.  | TRUE | FALSE |
| Salton City     | 2016-03-14 | 08:00:00 | 2016-04-01 | 00:00:00 | General Information | MET Sonic anemometer error/data gap.  | TRUE | FALSE |
| Salton City     | 2016-03-14 | 09:00:00 | 2016-03-14 | 11:00:00 | Site Visit          | TEOM Site Visit/Maintenance: Replaced TEOM filters, time adjustment on TEOM +2 mins - Invalidated.  | TRUE | TRUE  |
| Salton City     | 2016-03-16 | 12:00:00 | 2016-03-16 | 13:00:00 | Site Visit          | MET + TEOM Maintenance - Worked on Ultrasonic - Invalidated.  | TRUE | TRUE  |
| Salton City     | 2016-03-14 | 08:00:00 | 2016-04-01 | 00:00:00 | General Information | MET Sonic anemometer data gap.  | TRUE | FALSE |
| Salton City     | 2016-03-17 | 05:00:00 | 2016-03-17 | 07:00:00 | General Information | Worked on Ultrasonic with success temporarily, but issue not resolved.  | TRUE | FALSE |
| Salton City     | 2016-03-24 | 08:00:00 | 2016-03-24 | 10:00:00 | Site Audit          | MET Site Visit/Maintenance: changed bearings at 1m ws - Invalidated.  | TRUE | TRUE  |
| Salton City     | 2016-03-24 | 08:00:00 | 2016-03-24 | 10:00:00 | Site Audit          | TEOM Site Visit/Maintenance: Leak check, flow audit, leak check, replaced TEOM filters - Invalidated.                                     | TRUE | TRUE  |
| Salton City     | 2016-03-29 | 10:00:00 | 2016-03-29 | 12:00:00 | Site Visit          | TEOM Site Visit/Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Salton City     | 2016-03-30 | 08:00:00 | 2016-03-30 | 09:00:00 | Site Visit          | TEOM Site Visit/Maintenance: replaced TEOM filters - Invalidated.   | TRUE | TRUE  |
| Salton Sea Park | 2016-03-07 | 00:00:00 | 2016-03-07 | 23:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Salton Sea Park | 2016-03-10 | 10:00:00 | 2016-03-10 | 11:00:00 | Site Visit          | MET + TEOM Site Visit/Maintenance: Replaced TEOM filters, time adjustment on TEOM +2 mins - Invalidated.                                  | TRUE | TRUE  |
| Salton Sea Park | 2016-03-21 | 11:00:00 | 2016-03-21 | 13:00:00 | Site Audit          | MET + TEOM Site Visit/Maintenance: Leak Check, Flow Audit, Leak Check, replaced TEOM Filters, adjusted time on TEOM +1 min - Invalidated. | TRUE | TRUE  |
| Sonny Bono      | 2016-03-09 | 08:00:00 | 2016-03-09 | 10:00:00 | Site Visit          | MET + TEOM Site Visit/Maintenance: Replace TEOM filters, adjusted TEOM +1 min - Invalidated.  | TRUE | TRUE  |
| Sonny Bono      | 2016-03-23 | 06:00:00 | 2016-03-23 | 08:00:00 | Site Audit          | MET + TEOM Site Visit/Maintenance: Leak Check, Flow Audit, Leak Check, replace TEOM filters, adjusted TEOM time +1 min - Invalidated.     | TRUE | TRUE  |
| Sonny Bono      | 2016-03-29 | 07:00:00 | 2016-03-29 | 09:00:00 | Site Visit          | TEOM Site Visit/Maintenance: Replace TEOM filters - Invalidated.  | TRUE | TRUE  |
| Torres-Martinez | 2016-03-03 | 00:00:00 | 2016-03-04 | 23:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Torres-Martinez | 2016-03-10 | 12:00:00 | 2016-03-10 | 13:00:00 | Site Visit          | TEOM Site Visit/Maintenance: TEOM filter change, adjusted time on TEOM +2 mins - Invalidated.   | TRUE | TRUE  |
| Torres-Martinez | 2016-03-13 | 00:00:00 | 2016-03-15 | 23:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Torres-Martinez | 2016-03-21 | 00:00:00 | 2016-03-21 | 10:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Torres-Martinez | 2016-03-21 | 10:00:00 | 2016-03-21 | 12:00:00 | Site Audit          | MET + TEOM Site Visit/Maintenance: Leak Check, flow audit, leak check, replaced TEOM filters - Invalidated.                               | TRUE | TRUE  |
| Torres-Martinez | 2016-03-29 | 00:00:00 | 2016-03-31 | 23:00:00 | Invalidated Data    | MET Sonic anemometer error - Invalidated.   | TRUE | TRUE  |
| Torres-Martinez | 2016-03-29 | 08:00:00 | 2016-03-31 | 10:00:00 | General Information | MET + TEOM data gap - Power outage due to line accidentally being cut by trencher project at wetlands - Invalidated.                      | TRUE | FALSE |
| Torres-Martinez | 2016-03-31 | 10:00:00 | 2016-03-31 | 13:00:00 | Site Visit          | MET + TEOM Site Visit/Maintenance: Power has been restored, replaced Teom Filters - Invalidated.  | TRUE | TRUE  |
| 1001            | 2016-03-30 | 07:45:00 | 2016-03-30 | 12:15:00 | Site Audit          | MET - ASI on site for install/audit/calibration.  | TRUE | TRUE  |
| 1002            | 2016-03-30 | 13:35:00 | 2016-03-30 | 16:10:00 | Site Audit          | MET - ASI on site for install/audit/calibration.  | TRUE | TRUE  |
| 1002            | 2016-03-30 | 13:35:00 | 2016-03-30 | 16:10:00 | Site Audit          | MET - ASI on site for install/audit/calibration.  | TRUE | TRUE  |
| 1003            | 2016-03-31 | 08:20:00 | 2016-03-31 | 14:57:00 | Site Audit          | MET - ASI on site for close out audit.  | TRUE | TRUE  |

|      |            |          |            |          |            |  |      |      |
|------|------------|----------|------------|----------|------------|--|------|------|
| 1003 | 2016-03-31 | 08:20:00 | 2016-03-31 | 14:57:00 | Site Audit | MET - ASI on site for close out audit. | TRUE | TRUE |
| 1001 | 2016-03-02 | 10:32:00 | 2016-03-02 | 10:54:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1001 | 2016-03-02 | 10:32:00 | 2016-03-02 | 10:54:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-02 | 11:44:00 | 2016-03-02 | 11:59:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-02 | 11:44:00 | 2016-03-02 | 11:59:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1003 | 2016-03-02 | 13:24:00 | 2016-03-02 | 13:38:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1003 | 2016-03-02 | 13:24:00 | 2016-03-02 | 13:38:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1004 | 2016-03-02 | 13:04:00 | 2016-03-02 | 13:16:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1004 | 2016-03-02 | 13:04:00 | 2016-03-02 | 13:16:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1003 | 2016-03-10 | 10:34:00 | 2016-03-10 | 11:23:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1003 | 2016-03-10 | 10:34:00 | 2016-03-10 | 11:23:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1004 | 2016-03-29 | 07:30:00 | 2016-03-29 | 11:08:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1004 | 2016-03-29 | 07:30:00 | 2016-03-29 | 11:08:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-29 | 14:20:00 | 2016-03-29 | 15:46:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-29 | 14:20:00 | 2016-03-29 | 15:46:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1001 | 2016-03-30 | 07:45:00 | 2016-03-30 | 12:15:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1001 | 2016-03-30 | 07:45:00 | 2016-03-30 | 12:15:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-30 | 13:35:00 | 2016-03-30 | 15:10:00 | Site Visit | Site Visit.                            | TRUE | TRUE |
| 1002 | 2016-03-30 | 13:35:00 | 2016-03-30 | 15:10:00 | Site Visit | Site Visit.                            | TRUE | TRUE |

# Salton Sea Ambient Air and Meteorological Monitoring Net



## Imperial Irrigation District

Summary Period: 03-01-2016 through 03-31-2016

Report Date: 10-21-2016

## Dust Events

| deployment      | date       | daily.pm10.avg | daily.pm25.avg |
|-----------------|------------|----------------|----------------|
| Naval Test Base | 2016-03-04 | 152.6          | 14.8           |
| Naval Test Base | 2016-03-05 | 310.6          | 20.8           |
| Naval Test Base | 2016-03-06 | 1722.1         | 110.5          |
| Salton City     | 2016-03-06 | 875.3          | 55.6           |
| Sonny Bono      | 2016-03-06 | 224.0          | 17.0           |
| Salton City     | 2016-03-07 | 181.7          | 10.6           |
| Naval Test Base | 2016-03-11 | 769.6          | 45.7           |
| Salton City     | 2016-03-11 | 771.2          | 55.2           |
| Sonny Bono      | 2016-03-11 | 154.1          | 14.5           |
| Naval Test Base | 2016-03-21 | 310.7          | 25.3           |
| Salton City     | 2016-03-21 | 306.6          | 27.3           |
| Naval Test Base | 2016-03-22 | 294.9          | 28.5           |
| Salton City     | 2016-03-22 | 661.1          | 57.4           |
| Bombay Beach    | 2016-03-28 | 352.0          | 20.3           |
| Naval Test Base | 2016-03-28 | 5055.7         | 312.7          |
| Salton City     | 2016-03-28 | 2398.3         | 178.6          |
| Sonny Bono      | 2016-03-28 | 539.6          | 58.3           |
| Salton City     | 2016-03-29 | 493.7          | 40.9           |

# Salton Sea Ambient Air and Meteorological Monitoring Net



## Imperial Irrigation District

Summary Period: 03-01-2016 through 03-31-2016

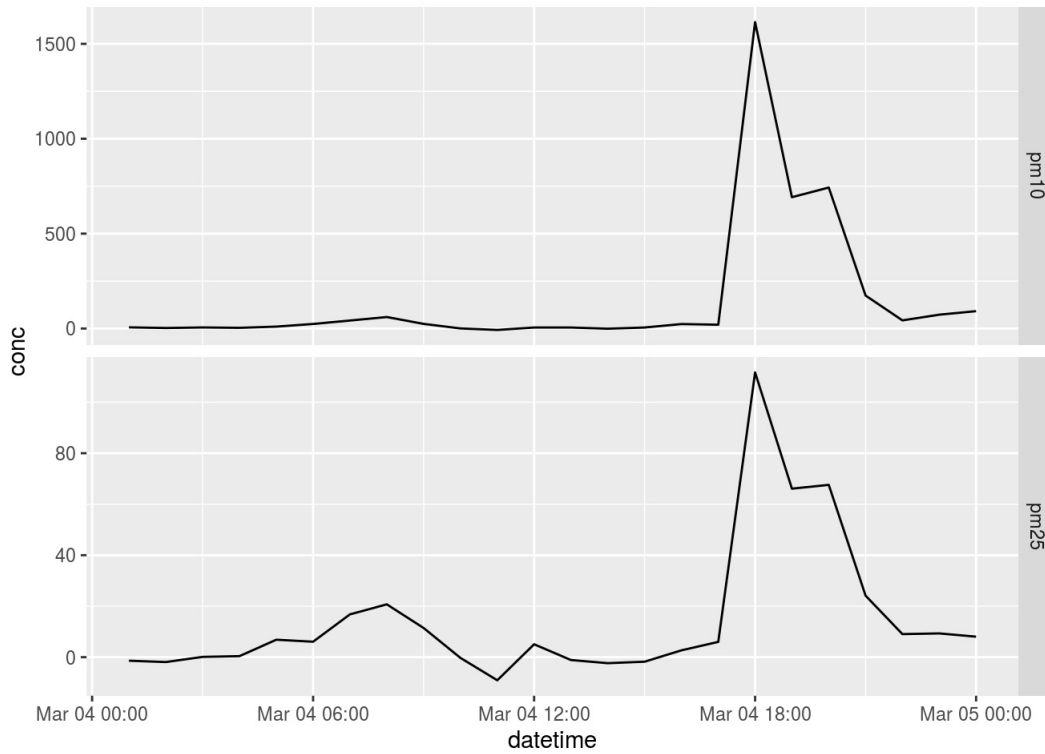
Report Date: 10-21-2016

## Dust Event - Naval Test Base, 2016-03-04

### Description

Comments and notes of event go here.

### Dust Concentration



### Images

#### PM10 Roses

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