Department of Energy
Carlsbad Field Office
P. O. Box 3090
Carlsbad, New Mexico 88221

APR 2 1 2014

Mr. John E. Kieling, Bureau Chief
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87508-6303

Mr. Tom Blaine, Division Director
Environmental Health Division
Harold Runnels Building
1190 Saint Francis Drive, PO Box 5496
Santa Fe, NM 87502-5469

Subject: Weekly Report for the period ending April 13, 2014, as Requested per Item 14 of the NMED Administrative Order

Dear Mr. Kieling and Mr. Blaine:

The purpose of this letter is to transmit the weekly report for the week ending April 13, 2014, as required by Item 14 of the Administrative Order issued under the New Mexico Hazardous Waste Act § 74-4-13 from Ryan Flynn to Jose R. Franco, M. Farok Sharif, George W. Hellstrom, and Dennis N. Cook. This report is enclosed along with a compact disc containing data requested by the Administrative Order.

We certify under penalty of law that this document and all attachments were prepared under our direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on our inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of our knowledge and belief, true, accurate, and complete. We are aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

If you have any questions, please contact Mr. George T. Basabilvazo at (575) 234-7488.

Sincerely,

Jose R. Franco, Manager
Carlsbad Field Office

Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc:
T. Kliphuis, NMED *ED
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CBFO:OESH:GB:MN:14-1485:UFC 5486.00

Weekly Status Report for the New Mexico Environment Department Administrative Order Reporting Period April 7, 2014, through April 13, 2014

14 (a) All Permit-related inspection and monitoring actions taken by the Permittees for this reporting period.

The following are the Permit-related inspections taken for this reporting period:

- See Attachment 1, *Surface Inspections*.

The following are the Permit-related monitoring actions taken for this reporting period:

- *Volatile Organic Compound (VOC) Monitoring*: See Attachment 4, *Environmental Monitoring.*

Surface Volatile Organic Compound (VOC) monitoring is being conducted in lieu of underground monitoring during re-entry and recovery operations. Samples have been collected twice each week at two locations since February 25, 2014. These samples are 24-hour VOC samples collected on the surface near the Training Building and at the south fence line just behind the Waste Handling Building (WHB). These samples are intended to quantify VOC exposure to a receptor in the Training Building. The samples at the south fence line are intended to quantify background VOC concentrations in the ambient air. The collection method is detailed in procedure WP 12-VC1685, *Subatmospheric and Pressurized Air Sampling in Passivated Canisters*. Exposure to VOCs by the non-waste worker in the Training Building is minimal since the majority of these employees are not working at the WIPP facility at this time.

No additional validated data are available for samples analyzed at Carlsbad Environmental Monitoring and Research Center (CEMRC). To evaluate analytical capabilities, specifically for method reporting limits (MRLs), co-located samples were collected and sent to Eurofins Air Toxics Inc. Laboratory (ATL). These analytical results are being reported in Attachment 4 for this reporting period.

- Mode: The VOC monitors are portable.
- Frequency: Twice weekly at both locations.
- Status: Twenty-four (24) hour samples have been collected as discussed above. See Attachment 4 for analytical data for this reporting period.

14 (b) Actions taken with regard to TRU waste shipments that were en-route since February 5, 2014.

Response provided in the initial, March 17, 2014, submittal.

14 (c) Summary of waste shipment information and any other relevant records that document the site of origin, volumes and receipt dates of TRU waste that is currently located at the Facility WHB and Parking Area Unit.

See Attachment 2, *TRU Mixed Waste Currently in Storage at the WIPP Facility*. All waste is currently being stored in the Waste Handling Building.

14 (d) Information specifying the deadlines for each individual waste assembly as it relates to this Order.

See Attachment 2.

14 (e) Records of inspection and maintenance of the ventilation and filtration system of the Facility WHB after the February 5, 2014, salt truck engine fire and the radiological event of February 14, 2014.

See Attachment 3, *Ventilation Fans Inspection Round Sheets* (best available copies).

14 (f) Location of any environmental monitoring equipment, including identification whether they are stationary, mobile, or permanent. This includes, but is not limited to VOC monitoring stations, radiological monitoring stations, meteorological monitoring, surface water monitoring, vegetation sampling. The reports shall include dates of deployment and sampling, and all data that has been produced by these monitoring stations for this reporting period.

Attachment 4, *Environmental Monitoring,* includes tables with the locations of environmental monitoring equipment (including identification whether they are stationary, mobile, or permanent) and data. Aerial photos and diagrams displaying monitoring locations are included. The following briefly describes the monitoring information that is being provided in Attachment 4.

- VOC monitoring stations – Portable surface monitoring equipment has been deployed as described in Item 14 (a) of the March 17, 2014, report. Sample analysis is provided in Attachment 4.

- Meteorological monitoring data are being provided on the enclosed compact disc. Data from the WIPP meteorology station are included for March 31, 2014, through April 13, 2014. The data from the previous reporting period are being included to correct a transposition error pertaining to the 2-meter wind direction and standard deviation data. While the March data were being validated, it was discovered that the 2-meter wind direction instrument was experiencing a malfunction causing erratic data output. Therefore, the 10-meter data were used to replace the erroneous 2-meter data. This is acceptable because the difference between the 2-meter and 10-meter wind direction is typically not more than five degrees, which is considered an acceptable margin of error. The instrument is scheduled to be repaired the week of April 21, 2014. The extent of the data impacted is being evaluated.

- Radiological monitoring
    - Environmental air samples – Stationary low volume air samplers continuously sample air at the locations shown in Attachment 4.
    - Soil samples – Soil samples were obtained on the dates and locations shown in Attachment 4.
    - Surface water samples – Surface water samples were obtained on the dates and at the locations shown in Attachment 4.
    - Sediment samples – Surface water and sediment samples are taken from earthen tanks that are frequently "dry" during the year. If water is present, sediment samples may be obtained in combination with water samples. Samples were obtained on the dates and at the locations shown in Attachment 4.
    - Biota (Vegetation) samples – Vegetation samples were obtained on the dates and locations shown in Attachment 4.
    - Biota (Fauna) samples – A biotic sample was obtained on the date shown in Attachment 4.
    - Salt samples – Salt samples were obtained on the dates and locations shown in Attachment 4.

14 (g) The status of surface ventilation fans and timeline of operation since January 1, 2014.

See Attachment 3, *Ventilation Fans Inspection Round Sheets* (best available copies).

14 (h) Exhaust Filter Building HEPA filter differential pressure data beginning February 14, 2014.

See Attachment 5, *Filter Differential Pressures,* and the Excel spreadsheet provided on the enclosed compact disc.

14 (i) Derived waste origin and volume (total per container) container type, specific locations (i.e., where it is being stored) and if mixed or non-mixed.

No derived waste has been generated as a result of recovery activities.

Attachment 1
Surface Inspections

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Air Intake Shaft Hoist	Underground Operations	Preoperational	WP 04-HO1004 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability in accordance with Mine Safety and Health Administration (MSHA) requirements	Last performed on 4/12/14	Preoperational checks performed daily before hoist is declared in service.
Exhaust Shaft	Underground Operations	Quarterly	PM041099 Inspecting for Deterioration and Leaks/Spills	Due 3/31/14	No underground inspections due to fire and radiological events. No personnel allowed in this area of the facility pending finalization and implementation of reentry plans.
Salt Handling Shaft Hoist	Underground Operations	Preoperational	WP 04-HO1002 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability in accordance with MSHA requirements	Last performed on 4/12/14	Preoperational checks performed daily before hoist is declared in service.
Waste Hoist	Underground Operations	Preoperational	WP 04-HO1003 Inspecting for Deterioration, Safety Equipment, Communication Systems, and Mechanical Operability, Leaks/Spills, in accordance with MSHA requirements	Preoperational	No underground inspections due to fire and radiological events. No personnel allowed in this area of the facility pending finalization and implementation of reentry plans

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
MSHA Air Quality Monitor	Maintenance/ Underground Operations	Daily	WP 12-IH1828 Inspecting for Air Quality Monitoring Equipment Functional Check	Last performed on 4/12/14	Entry to the underground on Saturday on 4/12/14; instrument functional test performed.
Ambulances (Surface) and related emergency supplies and equipment	Emergency Services	Weekly	12-FP0030 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	4/13/14	
Fire Detection and Alarm System	Emergency Services	Semiannually	12-FP0027 Inspecting for Deterioration, Operability of indicator lights and, underground fuel station dry chemical suppression system. Inspection is per NFPA 17	Inspection Current Completed 1/7/14 Due 7/7/14	
Fire Extinguishers	Emergency Services	Monthly	12-FP0036 Inspecting for Deterioration, Leaks/Spills, Expiration, seals, fullness, and pressure	Inspection Current Completed 3/28/14 Due 4/30/14	
Fire Hoses	Emergency Services	Annually (minimum)	12-FP0031 Inspecting for Deterioration and Leaks/Spills	Inspection Current Completed 3/26/14	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Fire Hydrants	Emergency Services	Semi-annual/ annually	12-FP0034 Inspecting for Deterioration and Leaks/Spills	Inspections Current 5-year Test Completed 11/23/13 Semi-Annual Completed 3/28/14	
Fire Pumps	Emergency Services	Weekly/annually	WP 12-FP0026 Inspecting for Deterioration, Leaks/Spills, valves, and panel lights	Inspections Current Completed 4/7/14	
Fire Sprinkler Systems	Emergency Services	Monthly/ quarterly	WP 12-FP0025 Inspecting for Deterioration, Leaks/Spills, static pressures, and removable strainers	Inspections Current Completed 4/7/14, 4/8/14, 4/10/14, 4/11/14	
Fire and Emergency Response Trucks (Seagrave Fire Apparatus, Emergency One Apparatus)	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Inspections Current Completed 4/11/14	
Hazardous Material Response Equipment	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Inspections Current Completed 4/8/14	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Personal Protective Equipment (not otherwise contained in emergency vehicles or issued to individuals): —Self-Contained Breathing Apparatus	Emergency Services	Weekly	12-FP0029 Inspecting for Deterioration and Pressure	Inspections Current Completed 4/12/14	
Rescue Truck (Surface)	Emergency Services	Weekly	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Inspection Current Completed 4/10/14	
Vehicle Siren	Emergency Services	Weekly	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	Inspections Current Completed 4/10/14, 4/11/14, 4/13/14	
Adjustable Center of Gravity Lift Fixture	Waste Handling	Preoperational	WP 05-WH1410 Inspecting for Mechanical Operability and Deterioration	Inspections Current Completed 4/8/14 (162-T-034) (41-T-035)	
Facility Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1204 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles, and guards in the proper place	Inspections Current Completed 3/27/14 (41-H-020A) (41-H-020B)	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Conveyance Loading Car	Waste Handling	Preoperational	WP 05-1406 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles and guards in the proper place	Last completed 2/5/14	Based upon plant configuration due to the fire and radiological event, no waste downloading to the underground has been performed.
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment)	Waste Handling	Preoperational	WP 05-WH1201, WP 05-WH1207, WP 05-WH1401, WP 05-WH1402, WP 05-WH1403, and WP 05-WH1412 Inspecting for Mechanical Operability, Deterioration, and On board fire suppression system	Inspections Current Completed 4/8/14 (41-H-012D) Completed 4/10/14 (41-H-012E) (74-H-010B) (41-H-009) (41-H-051) (41-T-051) Push-Pull Attachment Completed 4/10/14 (41-T-160B)	
Surface TRU Mixed Waste Handling Area	Waste Handling	Preoperational or Weekly	WP 05-WH1101 Inspecting for Deterioration, Leaks/Spills, Required Aisle Space, Posted Warnings, Communication Systems, Container Condition, and Floor coating integrity	Inspections Current Completed 4/13/14 (Pre-operational) Completed 4/7/14 (Weekly) Completed 4/13/14 (Surge Area)	
TRU Mixed Waste Decontamination Equipment	Waste Handling	Annually	WP 05-WH1101 Inspecting for Required Equipment	Completed 12/31/13	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
TDOP Upender	Waste Handling	Preoperational	WP 05-WH1010 Inspecting for Mechanical Operability and Deterioration	Completed 10/9/13	No change, this is an operational inspection and not needed for normal or daily operations.
Waste Handling Cranes	Waste Handling	Preoperational	WP 05-WH1407 Inspecting for Mechanical Operability, Deterioration, and Leaks/Spills	Inspections Current Completed 4/9/14 (41-T-151D) Completed 4/10/14 (41-T-151C)	
Push-Pull Attachment	Waste Handling	Preoperational	WP 05-WH1401 Inspecting for Damage and Deterioration	Inspection Current Completed 4/10/14 (41-T-160B)	
Trailer Jockey	Waste Handling	Preoperational	WP 05-WH1405 Inspecting for Mechanical Operability and Deterioration	Inspection Current Completed 4/10/14 (41-H-151A) (41-H-151B)	
Bolting Robot	Waste Handling	Preoperational	WP 05-WH1203 Mechanical Operability	Inspection Current Completed 3/27/14 (41-T-053A) (41-T-054A)	This inspection is for the bolting station.
Yard Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1205 Mechanical Operability, clear of obstacles and Guards in proper place	Inspection Current Completed 3/27/14 (41-H-021B)	
Monorail Hoist	Waste Handling	Preoperational	WP 05-WH1202 Mechanical Operability, and leaks/spills	Inspection Current Completed 3/27/14 (41-H-027)	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Payload Transfer Station	Waste Handling	Preoperational	WP 05-WH1208 Mechanical Operability, Deterioration, and Guards in proper place	Inspection Current Completed 3/27/14	
Backup Power Supply Diesel Generators	Facility Operations	Monthly	WP 04-ED1301 Inspecting for Mechanical Operability and Leaks/Spills by starting and operating both generators. Results of this inspection are logged in accordance with WP 04-AD3008.	Inspections Current Completed 3/30/14	
Central Monitoring System (CMS)	Facility Operations	Continuous	Automatic Self-Checking	Inspection Current (Automatic)	
Mine Pager Phones (between surface and underground)	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations	Inspections Current Completed 3/27/14	
Public Address (and Intercom System)	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Inspection Current Completed 3/27/14	
Radio Equipment	Facility Operations	Daily	Radios are operated daily and are repaired upon failure	Inspections Current Completed 4/13/14	

System/Equipment Name	Responsible Organization	Inspection Frequency and Job Title of Personnel Normally Making Inspection	Procedure Number and Inspection Criteria	Current Inspection Status	Comments
Uninterruptible Power Supply (Central UPS)	Facility Operations	Daily	WP 04-ED1542 Inspecting for Mechanical Operability and Deterioration with no malfunction alarms. Results of this inspection are logged in accordance with WP 04-AD3008.	Inspection Current Completed 4/13/14	
Water Tank Level	Facility Operations	Daily	SDD-WD00 Inspecting for Deterioration, and water levels. Results of this inspection are logged in accordance with WP 04-AD3008.	Inspection Current Completed 4/13/14	
Facility Inspections (Water Diversion Berms)	Facility Engineering	Annually	WP 10-WC3008 Inspecting for Damage, Impediments to water flow, and Deterioration	Inspections Current Completed 9/25/13	
Eye Wash and Shower Equipment	Equipment Custodian	Weekly	WP 12-IS1832 Inspecting for Deterioration	4/7/14 – 4/11/14	
Perimeter Fence, Gates, Signs	Security	Daily	PF0-010 Inspecting for Deterioration and Posted Warnings	Inspections Current Completed 4/13/14	Fence line is inspected 8 times in a 24-hour period with no problems detected during this reporting period.
Ventilation Exhaust	Maintenance Operations	Quarterly	IC041098 Check for Deterioration and Calibration of Mine Ventilation Rate Monitoring Equipment	41F30703 Fan A 11/9/13 41F30704 Fan B 5/20/13 41F30702 Fan C 12/18/13	No underground inspections due to fire and radiological events. Fans are not in use and fans are undergoing maintenance.

Attachment 2
TRU Mixed Waste Currently in Storage at the WIPP Facility

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Venting Deadline	Venting Date	WHB Deadline	Package	Assembly	Unemplaced Contents	Waste Volume[1] (ft^3)
SRS	SR140003	1/24/2014 12:40	1/16/2014 8:45	3/16/2014 8:45	2/1/2014 8:15	5/17/2014 8:15	169	SR139200	6-55G Drums	44.4
SRS	SR140003	1/24/2014 12:40	1/16/2014 8:45	3/16/2014 8:45	2/1/2014 8:15	5/17/2014 8:15	169	SR139201	7-55G Drums	51.8
SRS	SR140003	1/24/2014 12:40	1/16/2014 8:40	3/16/2014 8:40	2/1/2014 8:32	5/17/2014 8:32	195	SR139206	4-55G Drums	29.6
SRS	SR140003	1/24/2014 12:40	1/16/2014 8:40	3/16/2014 8:40	2/1/2014 8:34	5/17/2014 8:34	195	SR139207	7-55G Drums	51.8
LANL	LA140018	2/1/2014 1:30	1/29/2014 14:25	3/29/2014 14:25	2/1/2014 12:40	5/17/2014 12:40	172	LA139903	1 SWB	66.3
LANL	LA140019	2/1/2014 1:50	1/30/2014 15:20	3/30/2014 15:20	2/1/2014 14:25	5/17/2014 14:25	127	LA139927	1 SWB	66.3
LANL	LA140019	2/1/2014 1:50	1/30/2014 15:20	3/30/2014 15:20	2/1/2014 14:26	5/17/2014 14:26	127	LA139928	1 SWB	66.3
INL	IN140037	2/1/2014 21:11	1/30/2014 14:00	3/30/2014 14:00	2/2/2014 10:17	5/18/2014 10:17	166	IN139806	1 TDOP	160
INL	IN140037	2/1/2014 21:11	1/30/2014 14:03	3/30/2014 14:03	2/2/2014 10:24	5/18/2014 10:24	168	IN139814	1 TDOP	160
SRS	SR314011	1/28/2014 14:10	1/22/2014 8:30	3/22/2014 8:30	2/3/2014 12:14	5/19/2014 12:14	3	SR139781	1 SLB2	261
INL	IN140036	2/1/2014 22:40	1/25/2014 13:35	3/25/2014 13:35	2/3/2014 13:15	5/19/2014 13:15	210	IN139540	1 SWB	66.3
INL	IN140036	2/1/2014 22:40	1/25/2014 13:35	3/25/2014 13:35	2/3/2014 13:15	5/19/2014 13:15	210	IN139541	1 SWB	66.3
INL	IN140041	2/3/2014 7:13	1/31/2014 13:30	3/31/2014 13:30	2/3/2014 14:37	5/19/2014 14:37	509	IN140062	1 SWB	66.3
INL	IN140040	2/3/2014 0:17	1/31/2014 13:21	3/31/2014 13:21	2/4/2014 9:04	5/20/2014 9:04	186	IN140133	1 TDOP	160
INL	IN140041	2/3/2014 7:13	1/31/2014 13:40	3/31/2014 13:40	2/4/2014 9:31	5/20/2014 9:31	125	IN140129	1 TDOP	160
INL	IN140041	2/3/2014 7:13	1/31/2014 13:35	3/31/2014 13:35	2/4/2014 9:37	5/20/2014 9:37	203	IN139266	1 TDOP	160
INL	IN140040	2/3/2014 0:17	1/31/2014 13:13	3/31/2014 13:13	2/4/2014 12:22	5/20/2014 12:22	505	IN139593	1 SWB	66.3
INL	IN140040	2/3/2014 0:17	1/31/2014 13:16	3/31/2014 13:16	2/4/2014 12:55	5/20/2014 12:55	208	IN140144	1 TDOP	160
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:40	3/23/2014 10:40	2/4/2014 13:51	5/20/2014 13:51	193	SR139755	6-55G Drums	44.4
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:40	3/23/2014 10:40	2/4/2014 13:52	5/20/2014 13:52	193	SR139756	7-55G Drums	51.8
LANL	LA140020	2/3/2014 22:34	2/3/2014 10:00	4/3/2014 10:00	2/4/2014 16:38	5/20/2014 16:38	190	LA139983	1 SWB	66.3
LANL	LA140020	2/3/2014 22:34	2/3/2014 10:05	4/3/2014 10:05	2/4/2014 16:44	5/20/2014 16:44	126	LA139972	1 SWB	66.3
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:30	3/23/2014 10:30	2/4/2014 17:50	5/20/2014 17:50	162	SR139767	7-55G Drums	51.8
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:35	3/23/2014 10:35	2/4/2014 17:51	5/20/2014 17:51	201	SR139760	6-55G Drums	44.4
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:30	3/23/2014 10:30	2/4/2014 17:51	5/20/2014 17:51	162	SR139766	4-55G Drums	29.6
SRS	SR140004	2/1/2014 15:45	1/23/2014 10:35	3/23/2014 10:35	2/4/2014 17:52	5/20/2014 17:52	201	SR139761	7-55G Drums	51.8
LANL	LA140020	2/3/2014 22:34	2/3/2014 10:15	4/3/2014 10:15	2/5/2014 8:34	5/21/2014 8:34	156	LA139965	1 SWB	66.3
LANL	LA140020	2/3/2014 22:34	2/3/2014 10:15	4/3/2014 10:15	2/5/2014 8:36	5/21/2014 8:36	156	LA139966	1 SWB	66.3

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Venting Deadline	Venting Date	WHB Deadline	Package	Assembly	Unemplaced Contents	Waste Volume[1] (ft^3)
LANL	LA140021	2/4/2014 22:40	2/4/2014 9:35	4/4/2014 9:35	2/5/2014 9:12	5/21/2014 9:12	133	LA139990	1 SWB	66.3
LANL	LA140021	2/4/2014 22:40	2/4/2014 9:35	4/4/2014 9:35	2/5/2014 9:13	5/21/2014 9:13	133	LA139991	1 SWB	66.3
LANL	LA140021	2/4/2014 22:40	2/4/2014 9:25	4/4/2014 9:25	2/5/2014 9:32	5/21/2014 9:32	147	LA140008	1 SWB	66.3
INL	IN140043	2/5/2014 0:30	2/1/2014 11:30	4/1/2014 11:30	2/11/2014 9:12	5/27/2014 9:12	191	IN140096	1 SWB	66.3
INL	IN140043	2/5/2014 0:30	2/1/2014 11:30	4/1/2014 11:30	2/11/2014 9:13	5/27/2014 9:13	191	IN140097	1 SWB	66.3
LANL	LA140021	2/4/2014 22:40	2/4/2014 9:30	4/4/2014 9:30	2/11/2014 9:13	5/27/2014 9:13	137	LA140002	1 SWB	66.3
INL	IN140044	2/6/2014 1:09	2/3/2014 13:55	4/3/2014 13:55	2/11/2014 10:00	5/27/2014 10:00	181	IN139670	1 TDOP	160
INL	IN140044	2/6/2014 1:09	2/3/2014 13:52	4/3/2014 13:52	2/11/2014 10:43	5/27/2014 10:43	202	IN139666	1 TDOP	160
INL	IN140045	2/6/2014 1:27	2/3/2014 13:44	4/3/2014 13:44	2/11/2014 11:00	5/27/2014 11:00	167	IN140205	1 TDOP	160
INL	IN140045	2/6/2014 1:27	2/3/2014 13:40	4/3/2014 13:40	2/11/2014 11:02	5/27/2014 11:02	142	IN139923	1 TDOP	160
SRS	SR314012	1/31/2014 16:10	1/27/2014 10:48	3/27/2014 10:48	3/26/2014 9:33	7/9/2014 9:33	4	SR139785	1 SLB2	261
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:34	3/31/2014 12:34	3/26/2014 13:19	7/9/2014 13:19	135	SR139977	5-55G Drums	37
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:34	3/31/2014 12:34	3/26/2014 13:20	7/9/2014 13:20	135	SR139978	7-55G Drums	51.8
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:29	3/31/2014 12:29	3/26/2014 17:04	7/9/2014 17:04	155	SR139996	5-55G Drums	37
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:29	3/31/2014 12:29	3/26/2014 17:05	7/9/2014 17:05	155	SR139997	7-55G Drums	51.8
SRS	SR314013	2/1/2014 15:15	1/28/2014 10:40	3/28/2014 10:40	3/26/2014 18:30	7/9/2014 18:30	6	SR139789	1 SLB2	261
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:23	3/31/2014 12:23	3/26/2014 18:40	7/9/2014 18:40	160	SR140015	5-55G Drums	37
SRS	SR140005	2/5/2014 13:00	1/31/2014 12:23	3/31/2014 12:23	3/26/2014 18:43	7/9/2014 18:43	160	SR140016	7-55G Drums	51.8
INL	IN140044	2/6/2014 1:09	2/3/2014 13:49	4/3/2014 13:49	3/27/2014 10:31	7/10/2014 10:31	512	IN136332	7-55G Drums	51.8
INL	IN140043	2/5/2014 0:30	2/1/2014 11:35	4/1/2014 11:35	3/27/2014 12:48	7/10/2014 12:48	163	IN140078	1 SWB	66.3
INL	IN140043	2/5/2014 0:30	2/1/2014 11:35	4/1/2014 11:35	3/27/2014 12:50	7/10/2014 12:50	163	IN140079	1 SWB	66.3
SRS	SR314014	2/4/2014 13:15	1/30/2014 10:30	3/30/2014 10:30	3/27/2014 14:04	7/10/2014 14:04	1	SR139793	1 SLB2	261
INL	IN140043	2/5/2014 0:30	2/1/2014 11:40	4/1/2014 11:40	3/27/2014 14:51	7/10/2014 14:51	501	IN140074	1 SWB	66.3
INL	IN140042	2/5/2014 0:34	2/1/2014 11:50	4/1/2014 11:50	3/27/2014 15:34	7/10/2014 15:34	136	IN140090	1 SWB	66.3
INL	IN140042	2/5/2014 0:34	2/1/2014 11:50	4/1/2014 11:50	3/27/2014 15:37	7/10/2014 15:37	136	IN140091	1 SWB	66.3
INL	IN140042	2/5/2014 0:34	2/1/2014 11:45	4/1/2014 11:45	3/27/2014 18:08	7/10/2014 18:08	515	IN140070	1 SWB	66.3
INL	IN140042	2/5/2014 0:34	2/1/2014 11:55	4/1/2014 11:55	3/27/2014 18:30	7/10/2014 18:30	132	IN140084	1 SWB	66.3
INL	IN140042	2/5/2014 0:34	2/1/2014 11:55	4/1/2014 11:55	3/27/2014 18:36	7/10/2014 18:36	132	IN140085	1 SWB	66.3

Site of Origin	Shipment	Receipt Date/Time	ICV Closure Date/Time	Venting Deadline	Venting Date	WHB Deadline	Package	Assembly	Unemplaced Contents	Waste Volume[1] (ft^3)
INL	IN140045	2/6/2014 1:27	2/3/2014 13:48	4/3/2014 13:48	3/27/2014 19:24	7/10/2014 19:24	508	IN140066	1 SWB	66.3
---	19 Shipments	---	---	---	---	---	41 Packages	57 Assemblies	144 Containers	5,137.40 ft^3

[1]55G Drum=7.4 ft^3, SWB=66.3 ft^3, TDOP=160 ft^3, 85G Drum=11.4 ft^3, 100G Drum=13.4 ft^3, SLB2=261 ft^3 (Permit Part 3, Section 3.3.1)
INL – Idaho National Laboratory
LANL – Los Alamos National Laboratory
SRS – Savannah River Site
SWB – standard waste box
SLB – standard large box
TDOP – ten-drum overpack
WHB – Waste Handling Building

Attachment 3
Ventilation Fans Inspection Round Sheets

Round Sheet Legend

Circled Numbers ②	Note numbers on the Comment Section of the Round Sheet
AR	Action Request
EFB	Exhaust Filter Building
I/S	In Service
MBP	Maintenance Bypass
Sec	Secured
STBY	Standby
Tag	Tagged Out
DP	Differential Pressure
″wc	Inches Water Column

Facility Site Operations and Infrastructure Ventilation Fans Round Sheet

DATE: 040714 - 041314

Location: 413, EXHAUST FILTER BLDG. UVFS FANS				DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
				SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
				REVIEWER		Original Signatures on File													
				FOT	C/O														
ITEM	MIN	NORM	MAX																
413-CP-056-01																			
CONTROL PANEL 860 FANS [A]		SAT [B]			(1)		(1)		(1)		(1)		(1)		(1)		(1)		(1)
413-CP-307-01B																			
CONTROL PANEL 700 FANS [A]		SAT [B]			(2)		(2)		(2)		(2)		(2)		(2)		(2)		(2)
413-CP-056-01C																			
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		58 (3)	58 (3) 040714	58	57.42	56.9	59.79	58.80	59.79	58.13	60	59.30	59	59	58	57.93 (3) 04/13/14
413-CP-056-01D																			
860B U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		Sec	SEC	Sec	Sec	Sec	Sec	Sec	Sec	SEC	Sec	Sec	SEC	SEC	Sec	Sec
413-CP-056-01E																			
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]		Sec	SEC	Sec	Sec	Sec	SEC	Sec	Sec	SEC	Sec	Sec	SEC	SEC	Sec	Sec
413-CP-307-01J																			
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG (4)	TAG (4)	Tag (4)	TAG (4)	TAG (4)	Tag (4)	TAG (4)	TAG (4)	TAG (4)	Tag (4)	TAG (4) (4) KM 4/10/14	TAG	TAG	TAG	TAG (4)
413-CP-307-01K																			
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG (5)	TAG (5)	Tag (5)	TAG (5)	TAG (5)	Tag (5)	TAG (5)	TAG (5)	TAG (5)	Tag (5)	TAG (5)	TAG	TAG	TAG	TAG (5)
413-CP-307-01H																			
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]		TAG (6)	TAG (6)	Tag (6)	TAG (6)	TAG (6)	Tag (6)	TAG (6)	TAG (6)	TAG (6)	Tag (6)	TAG (6)	TAG	TAG	TAG	TAG (6)

NOTES: [A] - CHECK THAT THE AUDIBLE ALARM SOUNDS AND THE ALARM LIGHTS ILLUMINATE. [B] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION. [C] - FLOW READINGS TAKEN AT STA. B), (NOTE: EFB HVAC FLOW INCLUDED IN STA. B READING). [D] - VENTILATION MODES (chart below)

NORMAL MODE (flow per fan I/S) -	MIN = 202	NORM = 212	MAX = 223	MBP MODE w/ 1-860/1-700 FANS (combined flow of all fans I/S) -	MIN = 200 MAX = 275
ALTERNATE MODE (flow per fan I/S) -	MIN = 247	NORM = 260	MAX = 273	MBP MODE w/ 1-860/2-700 FANS (combined flow of all fans I/S) -	MIN = 395 MAX = 425
MINIMUM MODE (flow per fan I/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/1-700 FANS (combined flow of all fans I/S) -	MIN = 200 MAX = 275
REDUCED MODE (flow per fan I/S) -	MIN = 57	NORM = 60	MAX = 63	MBP MODE w/ 2-860/2-700 FANS (combined flow of all fans I/S) -	MIN = 395 MAX = 425
FILTRATION MODE (flow per fan I/S) -	MIN = 57	NORM = 60	MAX = 63		

COMMENTS: (1) Alarm OOS (AR# 1307583) (3) Reading taken -v- cmr (5) Out of Spec (AR# 113255) (6) Out of Spec (AR# 113256)
(2) Alarm OOS (AR# 1307584) (4) Out of Spec (AR# 113257)

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Facility Site Operations and Infrastructure RH Room D/P and HVAC Panel Round Sheet

Date: 040714- 041314

Location:			DAY		SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS			SHIFT		2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL			REVIEWER			Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208			FOT		C/O														
ITEM		MIN	NORM	MAX															
RH ROOM DPs																			
OPERATING GALLERY	PDD-01 "wc				SEC	SEC		SEC		SEC		SEC		SEC		SEC		SEC	
MANIP. REPAIR RM.	PDD-21A "wc																		
FILTER GALLERY	PDD-21B "wc																		
CASK LOADING RM.	PDD-21C "wc																		
CASK TRANSFER CELL	PDD-21D "wc																		
WASTE HOIST OPER RM	PDD-21G "wc																		
SERVICE ROOM	PDD-21H "wc	-0.00		-0.15															
RH BAY	PDD-21F "wc	0.02		0.7															
HOT CELL	PDT-52 "wc	-0.04		-1.1															
HVAC CONTROL PANEL CHECKS																			
411-CP-051-10	(803/805 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-11	(804/806 AHU/EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-051-12	(878 A/B EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-058-17	(807 AHU FAN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS:

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Facility Site Operations and Infrastructure WHB CH Room D/P / HVAC / Air Dryer Round Sheet

Date: 040714 - 041314

Location:	DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
COMPUTER STATIONS	SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
CMR, FSM DESK, LOCAL	REVIEWER		Original Signatures on File													
411, WHB MECH EQUIP RM 200 & 208	FOT	C/O														

ITEM	MIN	NORM	MAX	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
WHB CH ROOM DPs																		
SHIELDED STORAGE RM PDD-026A "wc				-.11	-.10		-.07		-.10		-.10		-.10		-.11		-.11	
CH AREA ROOM 103 PDD-026B "wc	-0.02			-.10	-.11		-.10		-.10		-.10		-.10		-.10		-.10	
SITE GEN WASTE RM. PDD-026C "wc				-.03	-.03		-.02		-.03		-.02		-.02		-.02		-.02	
EQUIP DECON RM. PDD-026D "wc				-.09	-.08		-.09		-.09		-.08		-.09		-.07		-.08	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04			-.11	-.11		-.10		-.11		-.11		-.11		-.09		-.11	
CAGE LOADING ROOM PDD-006 "wc				.11	.10		.07		.09		.12		-.11		.14		.11	
AIRLOCK ROOM 107 PDD-007 "wc				-.07	-.07		-.08 SW ~~-.06~~ 4-8-14		-.07		-.07		-.08		-.07		-.07	
HVAC CONTROL PANEL CHECKS																		
411-CP-052-15 (835/836 EXH FANS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-063-16 (861/863 AHUS)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-14 (813/817 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
411-CP-052-13 (812/816 CH TRAIN)		SAT [A]		✓	✓		✓		✓		✓		✓		✓		✓	
WASTE HANDLING BUILDING AIR DRYER																		
K-015 OUTLET (PSI)	95		135	115 ②	115 ②		115 ②		114 ②		118		115 ②		115 ②		115 ②	
K-015 AQUADEX INDICATOR		BLUE [A]		①	①		①		✓		✓		✓		✓		✓	
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		✓			✓		✓				✓		✓		✓	
K-015 DRYER MODE		AMLOC [A]		✓	✓		✓		✓		✓		✓		✓		✓	

K-015 OUTLET (PSI)				115 ②	115 ②		114 ②		118		115 ②		115 ②		115 ②		114 ②	
K-015 AQUADEX INDICATOR				①	①		✓		✓		✓		✓		✓		✓	
K-015 AUTO BLOWDOWNS /TEST				✓			✓		✓				✓		✓		✓	
K-015 DRYER MODE				✓	✓		✓		✓		✓		✓		✓		✓	

NOTES: [A] - IF NORMAL CONDITIONS EXIST, ENTER A CHECK MARK; OTHERWISE NOTE EXISTING CONDITION.

COMMENTS: ① Turning Pink AR# 1403067
② Low Pressure Alarm - Awaiting Vendor

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Attachment 4
Environmental Monitoring

- **VOC Monitoring Meteorological Monitoring**
- **Meteorological Monitoring**
- **Radiological Monitoring**
    - **Environmental Air Sampling**
    - **Soil Sampling**
    - **Surface Water Sampling**
    - **Sediment Sampling**
    - **Biota (Vegetation) Sampling**
    - **Biota (Fauna) Sampling**
    - **Salt Sampling**

VOC Sampling Locations

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC) and/or Eurofins Air Toxics Inc. Laboratory (ATL)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)†	Concentration (ppbv)
ATL	3/26/2014	4/7/2014	8944	Training Building	Methylene Chloride	75-09-2	0.39	0.16 J
ATL	3/26/2014	4/7/2014	8944	Training Building	Carbon Tetrachloride	56-23-5	0.2	0.12 J
ATL	3/26/2014	4/7/2014	8944	Training Building	1,1,1-Trichloroethane	71-55-6	0.039	0.01 J
ATL	3/26/2014	4/7/2014	8944	Training Building	Chlorobenzene	108-90-7	0.2	U
ATL	3/26/2014	4/7/2014	8944	Training Building	Toluene	108-88-3	0.039	0.18
ATL	3/26/2014	4/7/2014	8944	Training Building	Chloroform	67-66-3	0.2	U
ATL	3/26/2014	4/7/2014	8944	Training Building	1,1-Dichloroethylene	75-35-4	0.02	U
ATL	3/26/2014	4/7/2014	8944	Training Building	1,1,2,2-Tetrachloroethane	79-34-5	0.039	U
ATL	3/26/2014	4/7/2014	8944	Training Building	1,2-Dichloroethane	107-06-2	0.039	0.029 J
ATL	3/26/2014	4/7/2014	8944	Training Building	Trichloroethylene *	79-01-6	0.039	0.022 J
ATL	3/26/2014	4/7/2014	8944	Training Building	Acetone	67-64-1		2.9 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Butane	106-97-8		12 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Butane, 2-methyl-	78-78-4		4.8 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Hexanal	66-25-1		1.2 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Hexane	110-54-3		1.5 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Isobutane	75-28-5		6.3 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Nonanal	124-19-6		2.7 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Pentane	109-66-0		4.8 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Pentane, 2-methyl-	107-83-5		1.7 NJ
ATL	3/26/2014	4/7/2014	8944	Training Building	Propane	74-98-6		15 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Methylene Chloride	75-09-2	0.41	0.21 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Carbon Tetrachloride	56-23-5	0.21	0.12 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	1,1,1-Trichloroethane	71-55-6	0.041	0.012 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Chlorobenzene	108-90-7	0.21	U

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

* Additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.
† A value will not appear in the MRL column for TICs.

4/15/2014 8:06 AM

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC) and/or Eurofins Air Toxics Inc. Laboratory (ATL)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)†	Concentration (ppbv)
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Toluene	108-88-3	0.041	0.17
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Chloroform	67-66-3	0.21	0.044 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	1,1-Dichloroethylene	75-35-4	0.021	U
ATL	3/26/2014	4/7/2014	8945	South Fenceline	1,1,2,2-Tetrachloroethane	79-34-5	0.041	U
ATL	3/26/2014	4/7/2014	8945	South Fenceline	1,2-Dichloroethane	107-06-2	0.041	0.03 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Trichloroethylene *	79-01-6	0.041	0.0073 J
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Acetone	67-64-1		3.8 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Butane	106-97-8		12 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Butane, 2-methyl-	78-78-4		4.8 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Hexane	110-54-3		1.5 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Isobutane	75-28-5		5.9 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Nonanal	124-19-6		1.2 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Pentane	109-66-0		4.6 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Pentane, 2-methyl-	107-83-5		1.5 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Pentane, 3-methyl-	96-14-0		1.5 NJ
ATL	3/26/2014	4/7/2014	8945	South Fenceline	Propane	74-98-6		15 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Methylene Chloride	75-09-2	0.4	0.3 J
ATL	3/27/2014	4/7/2014	8948	Training Building	Carbon Tetrachloride	56-23-5	0.2	0.14 J
ATL	3/27/2014	4/7/2014	8948	Training Building	1,1,1-Trichloroethane	71-55-6	0.04	0.02 J
ATL	3/27/2014	4/7/2014	8948	Training Building	Chlorobenzene	108-90-7	0.2	0.03 J
ATL	3/27/2014	4/7/2014	8948	Training Building	Toluene	108-88-3	0.04	0.22
ATL	3/27/2014	4/7/2014	8948	Training Building	Chloroform	67-66-3	0.2	U
ATL	3/27/2014	4/7/2014	8948	Training Building	1,1-Dichloroethylene	75-35-4	0.02	U
ATL	3/27/2014	4/7/2014	8948	Training Building	1,1,2,2-Tetrachloroethane	79-34-5	0.04	U

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

* Additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.
† A value will not appear in the MRL column for TICs.

4/15/2014 8:06 AM

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC) and/or Eurofins Air Toxics Inc. Laboratory (ATL)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)†	Concentration (ppbv)
ATL	3/27/2014	4/7/2014	8948	Training Building	1,2-Dichloroethane	107-06-2	0.04	0.027 J
ATL	3/27/2014	4/7/2014	8948	Training Building	Trichloroethylene *	79-01-6	0.04	0.012 J
ATL	3/27/2014	4/7/2014	8948	Training Building	Acetone	67-64-1		2.6 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Butane	106-97-8		17 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Butane, 2-methyl-	78-78-4		7.1 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Hexanal	66-25-1		2.2 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Hexane	110-54-3		2.3 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Isobutane	75-28-5		8.6 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Nonanal	124-19-6		4 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Pentane	109-66-0		6.8 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Pentane, 2-methyl-	107-83-5		2.5 NJ
ATL	3/27/2014	4/7/2014	8948	Training Building	Propane	74-98-6		20 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Methylene Chloride	75-09-2	0.41	0.19 J
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Carbon Tetrachloride	56-23-5	0.21	0.093 J
ATL	3/27/2014	4/7/2014	8949	South Fenceline	1,1,1-Trichloroethane	71-55-6	0.041	U
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Chlorobenzene	108-90-7	0.21	U
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Toluene	108-88-3	0.041	0.2
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Chloroform	67-66-3	0.21	U
ATL	3/27/2014	4/7/2014	8949	South Fenceline	1,1-Dichloroethylene	75-35-4	0.021	U
ATL	3/27/2014	4/7/2014	8949	South Fenceline	1,1,2,2-Tetrachloroethane	79-34-5	0.041	U
ATL	3/27/2014	4/7/2014	8949	South Fenceline	1,2-Dichloroethane	107-06-2	0.041	0.027 J
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Trichloroethylene *	79-01-6	0.041	0.022 J
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Acetone	67-64-1		2.9 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Butane	106-97-8		16 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Butane, 2-methyl-	78-78-4		6.6 NJ

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

Notes:

* Additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.
† A value will not appear in the MRL column for TICs.

4/15/2014 8:06 AM

Validated VOC Monitoring Data – Surface Sampling at the WIPP

analytical services by Carlsbad Environmental Monitoring & Research Center (CEMRC) and/or Eurofins Air Toxics Inc. Laboratory (ATL)

Lab	Sample Date	Analysis Date	Sample ID	Location	Compound	CAS	MRL (ppbv)†	Concentration (ppbv)
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Hexane	110-54-3		2.3 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Isobutane	75-28-5		8.6 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Pentane	109-66-0		6.7 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Pentane, 2-methyl-	107-83-5		2.7 NJ
ATL	3/27/2014	4/7/2014	8949	South Fenceline	Propane	74-98-6		16 NJ

Qualifiers:

J = Estimated value; below laboratory's method reporting limit (MRL), but above method detection limit (MDL).
U = Compound not detected above the MDL.
NJ = Presumptive evidence of the presence of the compound at an estimated quantity; only used for tentatively identified compounds (TICs).

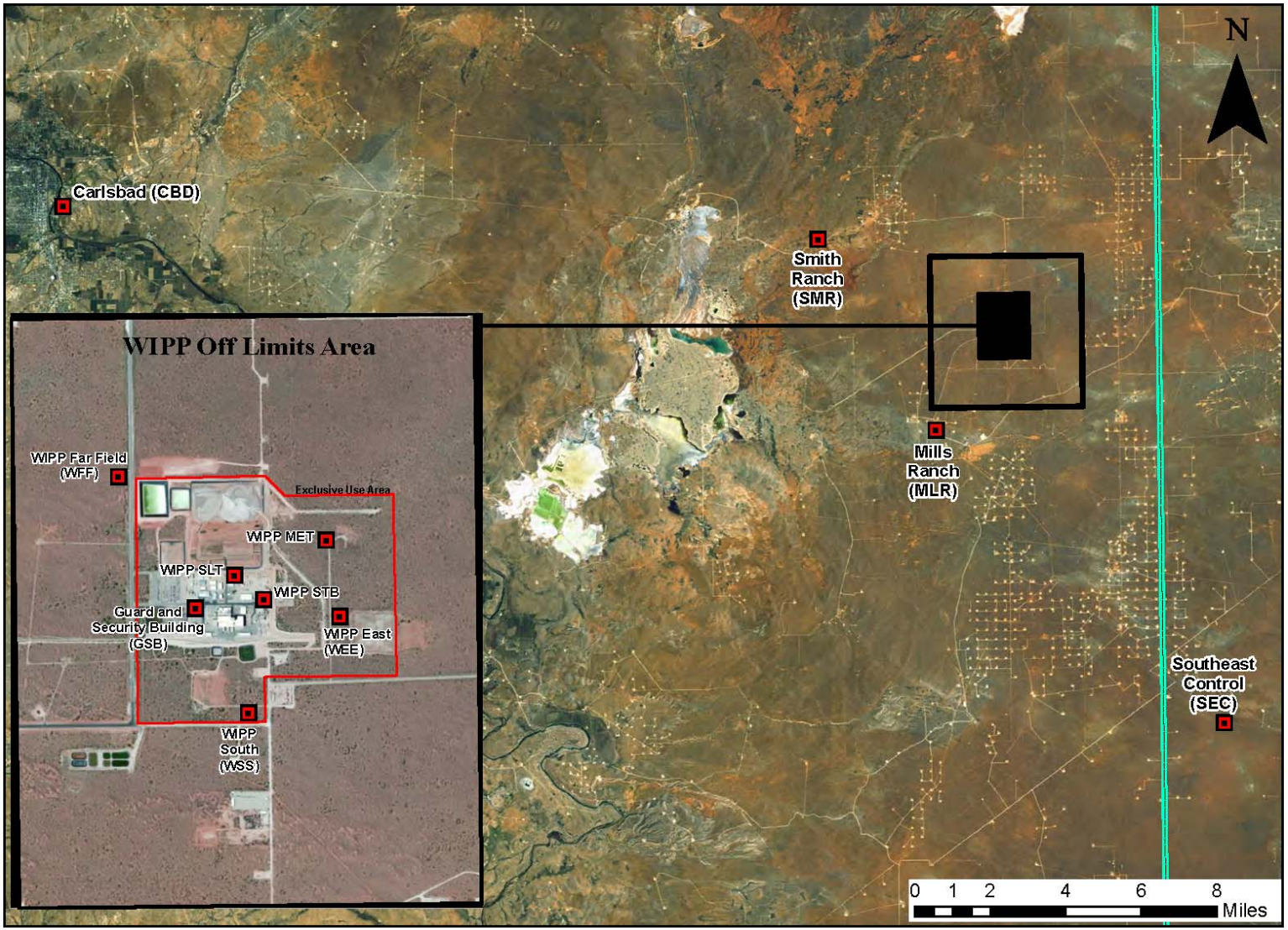
Notes:

* Additional requested analyte; not a Permit-prescribed target analyte but included in the laboratory quantitative analysis.
† A value will not appear in the MRL column for TICs.

4/15/2014 8:06 AM

Location of Sampling Sites

Locations: Low Volume Air Sampling, Soil Sampling, Vegetation, and Meteorological Monitoring



Meteorological Data Acronyms and Definitions

Date & Time	Self-explanatory
Day	Numeric identifier
15 min	Time interval of data
Juli date	Julian date (day-of-year number)
2WS m/s	2-meter wind speed in meters per second
2WD Deg	2-meter wind direction in degrees
2SD	2-meter standard deviation
10WS m/s	10-meter wind speed in meters per second
10WD Deg	10-meter wind direction in degrees
10SD	10-meter standard deviation
50WS m/s	50-meter wind speed in meters per second
50WD Deg	50-meter wind direction in degrees
50SD	50-meter standard deviation

2M T Deg C	2-meter temperature in degrees Celsius
10M T Deg C	10-meter temperature in degrees Celsius
50M T Deg C	50-meter temperature in degrees Celsius
10 DT	10-meter differential temperature (2M T minus 10M T)
50 DT	50-meter differential temperature (2M T minus 50M T)
RH %	Relative humidity as percentage
DPT Deg C	Dew point in degrees Celsius
SR	Solar Radiation
BP mB	Barometric pressure in millibars
prcp mm	Precipitation in millimeters

Note 1: The differential temperature columns (10DT and 50DT) are 10-meter or 50-meter temperatures subtracted from the 2-meter temperature reading. Negative values indicate the 10- or 50-meter temperatures are greater than the corresponding 2-meter temperature.

Note 2: The dew point is a number generated by the Met station based on the recorded relative humidity and temperature readings. Dew point is the temperature at which the water in the air will condense to liquid. This temperature can be very low at times, including a negative temperature. The Met system is programmed to display a temperature as low as -30 degrees Celsius.

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
3/31/2014 0:15	61023	15	90	1.864	188.7	10.63	2.945	188.7	10.63	4.574	177	7.436	17.89	18.37	18.39	0.48	0.501	44.09	5.512	0.498	888	0
3/31/2014 0:30	61024	15	90	2.643	166.2	8.12	3.994	166.2	8.12	6.331	165.9	4.162	18.04	18.47	18.71	0.426	0.668	44.29	5.715	0.8	888	0
3/31/2014 0:45	61025	15	90	2.741	160.5	7.387	4.314	160.5	7.387	6.876	161.9	3.8	17.87	18.23	18.41	0.353	0.536	44.7	5.695	0.853	888	0
3/31/2014 1:00	61026	15	90	3.326	154.5	6.487	5.109	154.5	6.487	7.664	158.3	3.1	17.7	18.02	18.23	0.315	0.527	45.75	5.871	0.87	887	0
3/31/2014 1:15	61027	15	90	3.211	146.9	6.249	5.022	146.9	6.249	7.645	155.1	3.179	17.36	17.72	18.09	0.367	0.734	46.82	5.895	0.848	887	0
3/31/2014 1:30	61028	15	90	2.233	151.5	8.07	3.801	151.5	8.07	6.906	158.2	3.548	16.97	17.39	17.95	0.415	0.981	47.77	5.834	0.801	887	0
3/31/2014 1:45	61029	15	90	1.372	159.4	16.31	2.748	159.4	16.31	5.902	167.1	5.418	16.34	17	17.95	0.655	1.604	49.33	5.718	0.645	887	0
3/31/2014 2:00	61030	15	90	0.786	186.1	25.59	1.391	186.1	25.59	3.84	168	6.257	15.9	16.75	17.33	0.85	1.42	50.3	5.594	0.464	887	0
3/31/2014 2:15	61031	15	90	0.984	185.8	15.39	1.545	185.8	15.39	4.08	180.1	5.934	15.37	16.69	17.43	1.317	2.055	50.8	5.243	0.538	888	0
3/31/2014 2:30	61032	15	90	0.939	167.4	7.278	2.083	167.4	7.278	4.603	194.9	4.495	14.03	16.44	18.47	2.402	4.435	53.83	4.831	0.451	888	0
3/31/2014 2:45	61033	15	90	1.203	156.4	8.91	2.06	156.4	8.91	4.204	201.3	5.062	12.87	16.43	18.61	3.557	5.738	56.46	4.43	0.444	888	0
3/31/2014 3:00	61034	15	90	0.911	166.8	7.873	2.687	166.8	7.873	3.936	208	8.35	11.87	16.8	18.3	4.933	6.43	58.67	4.036	0.525	888	0
3/31/2014 3:15	61035	15	90	0.463	167.2	6.602	2.2	167.2	6.602	3.829	207.7	6.955	13.14	15.24	17.66	2.101	4.524	54.5	4.179	0.602	888	0
3/31/2014 3:30	61036	15	90	0.502	174.3	8.75	1.469	174.3	8.75	3.089	225.5	9.6	13.36	15.2	18.22	1.839	4.855	53.37	4.093	0.544	888	0
3/31/2014 3:45	61037	15	90	0.355	179.2	5.884	1.484	179.2	5.884	3.205	247.3	4.803	11.71	15.51	18.57	3.803	6.865	56.14	3.255	0.586	888	0
3/31/2014 4:00	61038	15	90	0.515	176.8	5.877	1.849	176.8	5.877	4.033	252.8	4.296	11.69	15.89	18.97	4.202	7.284	57.72	3.637	0.588	888	0
3/31/2014 4:15	61039	15	90	1.08	187.1	16.3	1.965	187.1	16.3	3.952	253	6.932	11.21	16.61	19	5.407	7.79	58.65	3.412	0.602	888	0
3/31/2014 4:30	61040	15	90	0.713	237.5	34.61	1.441	237.5	34.61	4.189	276.9	13.7	10.79	16.71	18.62	5.916	7.83	58.31	2.942	0.53	888	0
3/31/2014 4:45	61041	15	90	1.25	282.1	5.291	3.407	282.1	5.291	7.341	279.4	2.754	11.99	18.14	20.83	6.156	8.84	49.94	1.828	0.808	888	0
3/31/2014 5:00	61042	15	90	0.942	258.2	7.373	3.291	258.2	7.373	5.798	268.4	5.003	14.15	18.99	20.67	4.844	6.525	37.5	-0.158	1.122	888	0
3/31/2014 5:15	61043	15	90	1.679	241.8	6.816	3.29	241.8	6.816	5.125	253.8	4.07	16.12	19.48	20.27	3.351	4.147	26.41	-3.316	1.696	889	0
3/31/2014 5:30	61044	15	90	1.729	239.6	7.749	3.209	239.6	7.749	5.092	247.6	3.773	16.65	18.83	19.57	2.187	2.929	22.87	-4.648	1.394	889	0
3/31/2014 5:45	61045	15	90	1.553	236.8	7.571	3.118	236.8	7.571	5.08	246.1	4.173	16.22	18.46	19.33	2.24	3.106	23.6	-4.59	2.192	889	0
3/31/2014 6:00	61046	15	90	1.146	246.2	6.513	2.948	246.2	6.513	5.022	255	3.794	15.14	18.32	19.45	3.187	4.308	26.2	-4.13	13.5	889	0
3/31/2014 6:15	61047	15	90	0.689	251.7	12.45	2.084	251.7	12.45	5.017	257.6	7.43	11.3	17.64	19.54	6.34	8.23	35.53	-3.452	60.01	889	0
3/31/2014 6:30	61048	15	90	0.58	246.8	7.475	2.548	246.8	7.475	5.259	260.8	4.758	13.88	18.01	19.76	4.13	5.877	32.33	-2.428	111.1	890	0
3/31/2014 6:45	61049	15	90	0.987	257.1	9.64	2.435	257.1	9.64	4.884	262.9	5.012	17.13	18.27	19.69	1.139	2.56	25.25	-2.951	174	890	0
3/31/2014 7:00	61050	15	90	1.884	269.5	5.75	3.54	269.5	5.75	5.077	277.6	3.321	18.63	18.79	19.76	0.16	1.13	21.68	-3.696	235	890	0
3/31/2014 7:15	61051	15	90	2.086	280	9.77	3.092	280	9.77	5.367	280.9	4.567	19.74	19.52	19.62	-0.216	-0.116	19.55	-4.173	298.8	890	0
3/31/2014 7:30	61052	15	90	2.657	283.2	8.64	3.67	283.2	8.64	5.185	285.2	5.358	20.67	20.34	19.95	-0.33	-0.718	15.93	-6.119	363.1	891	0
3/31/2014 8:00	61054	15	90	3.675	298.7	10.03	3.962	298.7	10.03	4.517	296	8.42	21.1	20.6	19.98	-0.494	-1.115	14.21	-7.246	485.3	891	0
3/31/2014 8:15	61055	15	90	3.27	285.8	12.39	4.258	285.8	12.39	4.991	285.6	8.47	21.52	20.74	20.03	-0.775	-1.488	14.02	-7.086	542	891	0
3/31/2014 8:30	61056	15	90	2.886	273.8	13.9	3.943	273.8	13.9	4.407	277.6	10.98	21.86	20.96	20.23	-0.893	-1.628	13.75	-7.067	597.6	891	0
3/31/2014 8:45	61057	15	90	2.919	276	13.3	3.844	276	13.3	4.423	279	14.07	22.13	21.15	20.44	-0.978	-1.688	13.47	-7.116	647.3	891	0
3/31/2014 9:00	61058	15	90	3.795	292	15.71	4.839	292	15.71	5.458	293.1	11.66	22.91	21.89	21.03	-1.026	-1.879	12.19	-7.812	693.8	891	0
3/31/2014 9:15	61059	15	90	4.322	294.2	12.39	5.122	294.2	12.39	5.825	296	10.01	22.94	21.9	21	-1.04	-1.941	11.65	-8.35	742	891	0
3/31/2014 9:30	61060	15	90	3.82	276.7	15.89	5.336	276.7	15.89	6.304	282	13.54	23.23	22.05	21.16	-1.175	-2.069	11.48	-8.32	789.4	891	0
3/31/2014 9:45	61061	15	90	3.846	288.2	18.81	4.821	288.2	18.81	4.987	292.4	16.4	23.35	22.19	21.38	-1.161	-1.974	11.38	-8.34	829	891	0
3/31/2014 10:00	61062	15	90	3.329	281.4	28.12	4.049	281.4	28.12	4.743	282.5	23.34	23.58	22.49	21.57	-1.086	-2.007	10.98	-8.62	862	891	0
3/31/2014 10:15	61063	15	90	4.236	264.5	15.28	5.826	264.5	15.28	6.496	271.2	12.98	24.06	22.76	21.84	-1.302	-2.218	10.61	-8.7	893	891	0
3/31/2014 10:30	61064	15	90	3.885	290.1	14.39	4.563	290.1	14.39	5.66	290.6	13.12	24.33	23.21	22.22	-1.121	-2.104	10.15	-9.06	918	891	0
3/31/2014 10:45	61065	15	90	4.811	272	13.7	6.833	272	13.7	7.831	273.4	10.67	25.21	23.7	22.62	-1.51	-2.588	9.58	-9.13	945	891	0
3/31/2014 11:00	61066	15	90	6.602	272.7	16.99	9.02	272.7	16.99	10.22	275.8	16.71	25.82	24.45	23.4	-1.376	-2.426	8.5	-10.2	975	891	0
3/31/2014 11:15	61067	15	90	6.991	272.8	12.33	10.46	272.8	12.33	12.42	276.2	10.1	25.9	24.33	23.08	-1.567	-2.818	7.487	-11.75	1001	890	0
3/31/2014 11:30	61068	15	90	6.577	281.5	11.06	9.31	281.5	11.06	11.36	283.8	8.55	25.91	24.38	23.16	-1.529	-2.754	7.22	-12.19	1015	890	0
3/31/2014 11:45	61069	15	90	6.412	284.4	9.51	8.84	284.4	9.51	10.53	286.2	7.393	26.05	24.49	23.36	-1.558	-2.684	7.999	-10.8	1022	890	0
3/31/2014 12:00	61070	15	90	5.645	279	12.21	8.13	279	12.21	9.37	279.9	10.42	26.38	24.8	23.77	-1.587	-2.613	8.11	-10.38	1028	890	0
3/31/2014 12:15	61071	15	90	5.277	278.4	13.13	7.214	278.4	13.13	8.14	280.7	11.15	26.7	25.16	24.11	-1.541	-2.589	7.568	-11.01	1030	890	0
3/31/2014 12:30	61072	15	90	6.007	268.5	19.17	8.14	268.5	19.17	9.33	268	17.73	27.21	25.64	24.49	-1.564	-2.718	7.366	-10.98	1029	890	0
3/31/2014 12:45	61073	15	90	5.629	260.7	15.61	8.13	260.7	15.61	9.55	263.4	12.38	27.44	25.65	24.51	-1.787	-2.93	6.892	-11.65	1026	890	0
3/31/2014 13:00	61074	15	90	5.585	258.2	13.12	7.637	258.2	13.12	8.79	261	11.77	27.83	26.11	24.9	-1.718	-2.93	6.431	-12.23	1019	889	0
3/31/2014 13:15	61075	15	90	5.499	259.6	13.33	7.787	259.6	13.33	8.98	263.2	11.97	27.8	26.13	25.03	-1.671	-2.777	6.194	-12.72	1003	889	0
3/31/2014 13:30	61076	15	90	5.594	267.7	18.39	7.905	267.7	18.39	9.69	270.4	16.62	28.46	26.76	25.51	-1.701	-2.952	6.074	-12.5	976	889	0
3/31/2014 13:45	61077	15	90	6.326	275.8	9.9	9.03	275.8	9.9	10.11	277	8.93	27.9	26.29	25.23	-1.61	-2.667	5.091	-15.09	950	889	0
3/31/2014 14:00	61078	15	90	5.939	267.9	11.98	8.85	267.9	11.98	9.94	269	11.77	27.88	26.2	25.18	-1.676	-2.699	4.831	-15.77	916	889	0
3/31/2014 14:15	61079	15	90	4.652	255	18.66	6.431	255	18.66	7.348	255.9	15.06	27.75	26.17	25.22	-1.582	-2.531	5.555	-14.11	877	889	0
3/31/2014 14:30	61080	15	90	5.634	250.6	19.24	7.579	250.6	19.24	8.85	254.7	15.32	28.06	26.57	25.61	-1.483	-2.443	5.204	-14.7	833	888	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
3/31/2014 14:45	61081	15	90	5.584	269	17.47	7.822	269	17.47	9.29	273.5	14.12	28.42	27.04	25.99	-1.383	-2.432	4.35	-16.86	791.3	888	0
3/31/2014 15:00	61082	15	90	6.139	283.3	10.54	8.37	283.3	10.54	9.52	282.2	10.2	27.94	26.66	25.76	-1.277	-2.184	3.371	-20.05	742.8	888	0
3/31/2014 15:15	61083	15	90	5.367	279.9	11.01	7.748	279.9	11.01	8.92	282.1	9.27	27.78	26.58	25.69	-1.198	-2.088	3.32	-20.34	661	888	0
3/31/2014 15:30	61084	15	90	5.852	277.5	13.57	8	277.5	13.57	9.81	280.4	11.1	27.68	26.7	25.75	-0.989	-1.937	3.568	-19.55	527.1	888	0
3/31/2014 15:45	61085	15	90	5.201	276.8	11.55	7.705	276.8	11.55	9.29	279.5	9	27.4	26.56	25.69	-0.843	-1.713	3.925	-18.59	451.2	888	0
3/31/2014 16:00	61086	15	90	5.551	287.3	12.86	7.166	287.3	12.86	8.58	290.2	9.68	27.11	26.35	25.58	-0.758	-1.531	4.197	-17.96	394.1	888	0
3/31/2014 16:15	61087	15	90	6.797	291.9	9.31	8.05	291.9	9.31	10.45	292.7	6.218	26.75	26.13	25.41	-0.615	-1.341	4.007	-18.84	364.8	888	0
3/31/2014 16:30	61088	15	90	5.825	288.8	8.02	7.553	288.8	8.02	9.58	291.4	6.022	26.75	26.19	25.46	-0.553	-1.284	4.069	-18.62	357.1	888	0
3/31/2014 16:45	61089	15	90	6.638	290.9	8.26	8.36	290.9	8.26	10.5	292.5	5.325	26.5	25.97	25.28	-0.527	-1.211	4.008	-18.96	345	888	0
3/31/2014 17:00	61090	15	90	6.1	287.7	9.02	8.13	287.7	9.02	10.58	290.6	6.196	26.36	25.94	25.29	-0.424	-1.071	4.373	-18.04	275	888	0
3/31/2014 17:15	61091	15	90	6.585	290.1	8.29	8.37	290.1	8.29	11.07	290.9	4.698	26.02	25.74	25.17	-0.281	-0.851	4.963	-16.74	201	888	0
3/31/2014 17:30	61092	15	90	5.847	293.2	7.38	6.979	293.2	7.38	9.6	294.1	4.005	25.58	25.47	25.04	-0.113	-0.541	5.208	-16.44	131	888	0
3/31/2014 17:45	61093	15	90	5.121	292.7	6.97	6.056	292.7	6.97	8.48	294	4.463	25.38	25.35	24.99	-0.029	-0.386	5.03	-17	114.6	889	0
3/31/2014 18:00	61094	15	90	4.747	287.7	7.719	6.614	287.7	7.719	8.91	288	6.157	25.06	25.2	24.96	0.136	-0.103	4.788	-17.83	62.78	889	0
3/31/2014 18:15	61095	15	90	4.392	282.9	6.249	6.682	282.9	6.249	9.61	285.1	3.503	24.24	24.56	24.65	0.316	0.407	4.574	-18.95	18.07	889	0
3/31/2014 18:30	61096	15	90	4.643	283.4	6.516	7.199	283.4	6.516	10.89	286.1	3.55	23.55	23.96	24.41	0.415	0.865	4.678	-19.2	3.343	889	0
3/31/2014 18:45	61097	15	90	4.407	286.7	6.413	6.607	286.7	6.413	10.72	288.7	1.961	23.08	23.55	24.26	0.477	1.186	4.955	-18.84	0.964	889	0
3/31/2014 19:00	61098	15	90	3.708	286.7	6.292	5.527	286.7	6.292	9.5	288.5	2.265	22.44	22.99	23.76	0.544	1.316	5.374	-18.31	0.788	889	0
3/31/2014 19:15	61099	15	90	2.787	291.5	7.722	3.902	291.5	7.722	9.05	291.4	1.368	21.49	22.08	23.48	0.595	1.995	5.997	-17.69	0.709	890	0
3/31/2014 19:30	61100	15	90	2.14	291.8	7.825	3.221	291.8	7.825	8.87	287.6	1.345	20.51	21.43	23.52	0.918	3.003	6.776	-16.93	0.671	890	0
3/31/2014 19:45	61101	15	90	1.511	292.8	9.04	2.593	292.8	9.04	8.38	284.2	1.832	19.6	20.98	23.62	1.381	4.019	7.476	-16.42	0.646	890	0
3/31/2014 20:00	61102	15	90	1.388	227.5	55.26	2.28	227.5	55.26	4.41	262.7	38.85	18.98	20.63	22.06	1.654	3.083	8.23	-15.78	0.668	890	0
3/31/2014 20:15	61103	15	90	1.899	183.2	18.84	3.326	183.2	18.84	4.597	200.8	17.05	18.53	20.8	22.03	2.274	3.502	8.5	-15.7	0.685	891	0
3/31/2014 20:30	61104	15	90	0.555	175.1	12.69	1.89	175.1	12.69	3.52	208.9	8.73	16.85	20.95	22.74	4.094	5.892	10.09	-14.88	0.363	891	0
3/31/2014 20:45	61105	15	90	0.493	206.1	7.134	1.445	206.1	7.134	3.81	222.9	5.637	15.86	21.2	22.91	5.336	7.05	10.67	-14.98	0.423	891	0
3/31/2014 21:00	61106	15	90	1.229	168.4	18.95	3.074	168.4	18.95	4.391	189.3	19.82	14.05	20.75	22.31	6.702	8.27	12.44	-14.52	0.559	891	0
3/31/2014 21:15	61107	15	90	1.664	144.2	6.265	4.103	144.2	6.265	4.716	174.7	5.672	15.45	19.19	22.75	3.745	7.303	11.71	-14.15	0.961	891	0
3/31/2014 21:30	61108	15	90	0.697	145	6.101	3.646	145	6.101	4.288	189.3	6.302	14.8	19.23	23.06	4.429	8.26	12.18	-14.17	0.565	891	0
3/31/2014 21:45	61109	15	90	0.443	145.9	7.179	1.833	145.9	7.179	3.786	202.2	2.88	15.72	19.02	23.25	3.3	7.534	11.24	-14.44	0.555	890	0
3/31/2014 22:00	61110	15	90	1.33	129.5	8.17	1.179	129.5	8.17	4.032	206.7	2.145	13.12	19.39	23.03	6.278	9.91	12.91	-14.86	0.501	890	0
3/31/2014 22:15	61111	15	90	1.593	144	8.83	1.194	144	8.83	4.212	214.9	3.574	11.88	19.79	22.93	7.907	11.05	14.49	-14.38	0.418	890	0
3/31/2014 22:30	61112	15	90	1.139	150.7	9.81	1.41	150.7	9.81	3.639	217	4.924	10.35	20.6	22.56	10.25	12.2	17.41	-13.37	0.448	890	0
3/31/2014 22:45	61113	15	90	1.617	125.1	13.91	1.195	125.1	13.91	3.112	239.3	8.62	10.41	20.85	22.46	10.45	12.06	18.55	-12.54	0.423	890	0
3/31/2014 23:00	61114	15	90	1.034	138.3	18.32	1.547	138.3	18.32	2.092	218.2	21.59	10.28	20.93	21.66	10.66	11.38	19.57	-11.98	0.436	890	0
3/31/2014 23:15	61115	15	90	1.677	85.9	57.04	1.147	85.9	57.04	2.664	253.8	23.09	9.84	20.93	21.98	11.09	12.14	20.95	-11.5	0.43	890	0
3/31/2014 23:30	61116	15	90	1.772	347	8.76	3.212	347	8.76	4.149	297.4	5.218	10.8	20.17	22.49	9.36	11.69	19.79	-11.41	0.736	890	0
3/31/2014 23:45	61117	15	90	1.583	75.19	53.95	2.055	75.19	53.95	3.354	280.9	11.62	10.08	17.78	21.73	7.704	11.65	21.13	-11.19	0.424	890	0
4/1/2014 0:00	61118	15	91	1.791	129.7	4.602	3.953	129.7	4.602	1.713	206.1	26.11	10.71	16.09	20.59	5.379	9.89	20.95	-10.78	0.576	890	0
4/1/2014 0:15	61119	15	91	0.916	119.3	7.772	2.511	119.3	7.772	2.147	207.7	11.85	10.68	15.82	20.7	5.142	10.03	20.53	-11.06	0.407	890	0
4/1/2014 0:30	61120	15	91	1.022	131.7	7.711	3.478	131.7	7.711	3.74	190.5	9.42	10.12	15.88	20.09	5.761	9.97	22.36	-10.46	0.583	890	0
4/1/2014 0:45	61121	15	91	0.85	138	8.55	3.195	138	8.55	4.633	199.7	5.374	11.85	14.85	19.12	3.009	7.277	19.88	-10.48	0.874	890	0
4/1/2014 1:00	61122	15	91	1.021	167.2	7.945	3.425	167.2	7.945	6.248	212.2	4.547	11.12	15.21	19.73	4.092	8.62	20.79	-10.53	0.701	890	0
4/1/2014 1:15	61123	15	91	1.086	184	7.448	3.074	184	7.448	5.867	218.9	5.545	10.91	15.36	19.95	4.444	9.03	21.82	-10.09	0.812	890	0
4/1/2014 1:30	61124	15	91	1.53	178.1	4.976	3.527	178.1	4.976	6.178	217.8	7.201	11.02	15.42	19.38	4.401	8.37	21.67	-10.08	0.972	890	0
4/1/2014 1:45	61125	15	91	1.091	170.6	3.96	3.188	170.6	3.96	4.916	229.5	2.694	10.56	15.38	19.25	4.824	8.7	22.48	-10.01	0.734	890	0
4/1/2014 2:00	61126	15	91	0.492	164.4	5.57	2.662	164.4	5.57	4.595	234.9	3.34	10.46	15.26	19.14	4.801	8.68	22.93	-9.84	0.579	890	0
4/1/2014 2:15	61127	15	91	0.516	165.7	4.483	2.037	165.7	4.483	4.417	230	4.92	9.57	14.99	18.44	5.415	8.86	23.86	-10.1	0.517	890	0
4/1/2014 2:30	61128	15	91	0.528	176.1	6.593	1.899	176.1	6.593	4.027	224.3	4.957	8.59	14.75	17.06	6.158	8.47	25.27	-10.22	0.551	890	0
4/1/2014 2:45	61129	15	91	0.557	194.6	5.124	2.092	194.6	5.124	3.712	231.5	5.49	9.02	15.04	16.57	6.02	7.548	24.44	-10.27	0.596	890	0
4/1/2014 3:00	61130	15	91	1.171	175.8	6.83	2.58	175.8	6.83	4.342	216.9	4.649	9.88	15.63	17.11	5.752	7.223	23.84	-9.84	0.797	890	0
4/1/2014 3:15	61131	15	91	1.693	168.8	5.769	2.91	168.8	5.769	4.883	197.7	4.039	9.57	15.53	18.29	5.953	8.72	24.93	-9.53	0.813	890	0
4/1/2014 3:30	61132	15	91	1.365	154.3	10.94	3.518	154.3	10.94	5.174	185.7	2.948	9.72	15.12	18.16	5.4	8.44	24.7	-9.52	0.714	890	0
4/1/2014 3:45	61133	15	91	1.368	141.7	5.178	4.271	141.7	5.178	6.258	183.4	4.493	9.9	13.32	18.07	3.421	8.17	25.03	-9.2	0.908	890	0
4/1/2014 4:00	61134	15	91	2.458	144.5	4.423	4.98	144.5	4.423	7.052	180.9	4.968	11.45	13.49	18.35	2.043	6.901	22.1	-9.48	1.264	890	0
4/1/2014 4:15	61135	15	91	1.519	148	18.4	3.323	148	18.4	6.763	181.5	5.118	10.65	12.27	17.99	1.622	7.339	22.81	-9.75	0.733	890	0
4/1/2014 4:30	61136	15	91	1.853	152.6	3.699	4.255	152.6	3.699	6.037	195.4	5.345	10.69	14.29	18.31	3.593	7.614	22.51	-9.88	0.78	890	0
4/1/2014 4:45	61137	15	91	1.724	146.5	7.449	4.092	146.5	7.449	5.505	181.8	2.387	10.93	14.89	18.55	3.956	7.62	22.13	-9.89	0.666	890	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/1/2014 5:00	61138	15	91	1.025	136.6	6.052	3.534	136.6	6.052	5.321	185.7	5.653	10.36	13.52	18.67	3.164	8.31	23	-9.89	0.61	890	0
4/1/2014 5:15	61139	15	91	1.383	144.6	8.14	4.011	144.6	8.14	5.169	190.7	3.415	10.57	14.56	18.57	3.987	8	22.52	-9.98	0.694	890	0
4/1/2014 5:30	61140	15	91	1.433	138.8	5.224	3.964	138.8	5.224	4.525	188.9	5.52	10.55	14.78	18.63	4.228	8.08	22.74	-9.87	0.768	891	0
4/1/2014 5:45	61141	15	91	1.955	138.8	3.728	4.228	138.8	3.728	5.343	185.8	3.061	11.3	14.49	18.62	3.188	7.325	21.67	-9.85	3.547	891	0
4/1/2014 6:00	61142	15	91	1.93	144	4.047	4.429	144	4.047	5.271	181.5	5.03	11.52	14.39	18.83	2.866	7.313	21.26	-9.9	10.22	891	0
4/1/2014 6:15	61143	15	91	1.823	142.6	5.939	4.117	142.6	5.939	4.31	187.1	2.997	11.91	14.84	18.87	2.931	6.961	20.83	-9.84	37.02	891	0
4/1/2014 6:30	61144	15	91	1.711	146.7	6.09	4.012	146.7	6.09	4.498	182.9	5.853	12.66	15.06	19.07	2.401	6.418	20.17	-9.62	71.23	891	0
4/1/2014 6:45	61145	15	91	1.054	157.9	7.404	3.071	157.9	7.404	4.966	193.2	7.228	13.82	15.19	18.96	1.364	5.14	19.27	-9.23	111.4	891	0
4/1/2014 7:00	61146	15	91	1.427	175.6	7.986	3.084	175.6	7.986	4.652	199.1	4.963	16.18	16.99	18.8	0.808	2.616	17.07	-8.89	202.9	891	0
4/1/2014 7:15	61147	15	91	2.047	200.2	12.51	2.841	200.2	12.51	4.619	206.9	6.878	18.52	18.27	18.65	-0.25	0.135	13.81	-9.66	266.3	891	0
4/1/2014 7:30	61148	15	91	2.45	209.7	6.758	3.054	209.7	6.758	4.187	211.8	5.32	19.11	18.81	18.51	-0.302	-0.598	12.71	-10.26	286.7	891	0
4/1/2014 7:45	61149	15	91	2.89	212	11.4	3.597	212	11.4	3.982	212.1	8.97	19.46	18.92	18.36	-0.542	-1.099	12.1	-10.59	376.6	891	0
4/1/2014 8:00	61150	15	91	2.94	209.3	9.58	3.719	209.3	9.58	3.805	205.9	6.008	19.65	19.15	18.61	-0.505	-1.039	11.75	-10.81	338.9	891	0
4/1/2014 8:15	61151	15	91	2.319	209.3	11.97	2.767	209.3	11.97	2.748	213.3	12.3	20.14	19.54	18.95	-0.605	-1.193	11.76	-10.42	433.4	891	0
4/1/2014 8:30	61152	15	91	1.785	237.7	16.32	2.224	237.7	16.32	2.344	230.2	13.64	20.49	19.88	19.36	-0.608	-1.128	11.37	-10.57	422.9	891	0
4/1/2014 8:45	61153	15	91	1.913	227	11.3	2.222	227	11.3	2.431	224.5	9.92	20.81	20.29	19.7	-0.523	-1.112	11.05	-10.68	473.8	891	0
4/1/2014 9:00	61154	15	91	1.911	225	17.26	2.364	225	17.26	2.551	227.1	13.09	21.78	21.04	20.3	-0.741	-1.48	10.49	-10.6	555.9	891	0
4/1/2014 9:15	61155	15	91	2.445	220.6	20.17	2.922	220.6	20.17	3.065	220.6	15.29	22.12	21.32	20.64	-0.794	-1.481	9.99	-10.95	481.2	891	0
4/1/2014 9:30	61156	15	91	2.078	203.9	16.17	2.488	203.9	16.17	2.606	203.6	12.53	22.73	22	21.41	-0.726	-1.314	9.88	-10.62	456.6	891	0
4/1/2014 9:45	61157	15	91	2.015	217.6	18.8	2.398	217.6	18.8	2.519	216.3	14.97	23.33	22.61	21.97	-0.723	-1.363	9.38	-10.81	472	891	0
4/1/2014 10:00	61158	15	91	2.996	244.1	16.6	3.898	244.1	16.6	4.203	241.2	16.21	24.02	23.21	22.55	-0.802	-1.469	8.99	-10.84	476.7	891	0
4/1/2014 10:15	61159	15	91	3.089	257.1	10.52	4.191	257.1	10.52	4.667	259.7	7.149	24.19	23.28	22.6	-0.919	-1.595	9.05	-10.62	496.1	891	0
4/1/2014 10:30	61160	15	91	2.832	270.5	13.84	3.741	270.5	13.84	4.024	270	10.97	23.79	22.93	22.27	-0.862	-1.522	10	-9.66	597	891	0
4/1/2014 10:45	61161	15	91	2.173	256.5	29.49	2.725	256.5	29.49	3.094	256.2	28.24	24.19	23.44	22.73	-0.75	-1.458	9.77	-9.65	662.6	890	0
4/1/2014 11:00	61162	15	91	2.918	231.9	20.79	3.626	231.9	20.79	4.198	233.2	15.49	24.97	23.98	23.3	-0.994	-1.676	9.16	-9.87	584.3	890	0
4/1/2014 11:15	61163	15	91	3.863	243.9	13.7	5.045	243.9	13.7	5.824	245.4	11.63	25.32	24.32	23.56	-1	-1.766	8.94	-9.92	580.4	890	0
4/1/2014 11:30	61164	15	91	3.681	257.9	15.99	5.038	257.9	15.99	5.768	257.8	13.28	25.48	24.48	23.73	-0.991	-1.745	8.96	-9.77	504.7	890	0
4/1/2014 11:45	61165	15	91	3.661	264.9	11.66	5.186	264.9	11.66	6.035	262.9	9.13	25.64	24.65	23.87	-0.986	-1.768	8.93	-9.7	567.7	889	0
4/1/2014 12:00	61166	15	91	3.732	272.6	13.35	5.164	272.6	13.35	6.049	272.9	9.78	26.26	25.05	24.17	-1.208	-2.094	8.74	-9.51	730.6	889	0
4/1/2014 12:15	61167	15	91	4.035	248.3	12.11	5.515	248.3	12.11	6.113	252.3	11.13	26.09	24.98	24.24	-1.105	-1.846	8.8	-9.54	518.8	889	0
4/1/2014 12:30	61168	15	91	4.063	255.9	14.53	5.744	255.9	14.53	6.534	257.1	14.05	26.18	25.15	24.42	-1.031	-1.763	8.85	-9.4	561.8	889	0
4/1/2014 12:45	61169	15	91	5.951	246.5	11.57	8.03	246.5	11.57	9.43	247.5	9.46	26.12	25.13	24.33	-0.99	-1.792	8.38	-10.14	557.7	889	0
4/1/2014 13:00	61170	15	91	5.411	238.2	20.42	7.36	238.2	20.42	8.71	240.9	18.25	26.36	25.38	24.49	-0.979	-1.87	8.27	-10.14	533.6	888	0
4/1/2014 13:15	61171	15	91	5.399	238.4	14.76	7	238.4	14.76	8.13	239.3	11.72	26.35	25.35	24.51	-1	-1.839	8.01	-10.55	591.4	888	0
4/1/2014 13:30	61172	15	91	5.157	254.7	18	7.304	254.7	18	8.48	254.1	13.78	26.25	25.27	24.48	-0.981	-1.776	7.56	-11.35	483.6	888	0
4/1/2014 13:45	61173	15	91	4.891	253.6	11.55	6.812	253.6	11.55	8.06	256	8.64	26.65	25.61	24.79	-1.038	-1.858	7.505	-11.14	579.1	888	0
4/1/2014 14:00	61174	15	91	4.267	264.6	15.28	5.884	264.6	15.28	6.416	266.4	12.26	27.02	25.81	24.96	-1.204	-2.059	7.703	-10.54	737.5	887	0
4/1/2014 14:15	61175	15	91	2.416	235.1	41.12	2.958	235.1	41.12	3.391	251.6	37.63	27.59	26.52	25.62	-1.07	-1.968	7.691	-10.14	1012	887	0
4/1/2014 14:30	61176	15	91	6.126	243.8	15.15	8.16	243.8	15.15	9.89	245.8	12.02	28.98	27.59	26.52	-1.385	-2.461	6.166	-11.97	780	887	0
4/1/2014 14:45	61177	15	91	6.213	236.5	14.12	8.07	236.5	14.12	9.56	237.1	10.76	29.01	27.52	26.5	-1.49	-2.511	6.276	-11.69	934	886	0
4/1/2014 15:00	61178	15	91	5.022	239.4	19.44	6.704	239.4	19.44	8.02	241.4	16.89	29.16	27.72	26.69	-1.44	-2.473	6.112	-11.93	776.7	886	0
4/1/2014 15:15	61179	15	91	5.89	247	14.82	7.878	247	14.82	9.33	246.5	10.59	28.75	27.7	26.86	-1.054	-1.891	4.869	-15.02	596.2	886	0
4/1/2014 15:30	61180	15	91	6.506	238	13.92	8.71	238	13.92	10.17	239.1	12.21	28.68	27.65	26.86	-1.033	-1.824	4.986	-14.81	545.5	886	0
4/1/2014 15:45	61181	15	91	6.432	236.9	12.66	8.49	236.9	12.66	9.51	236.2	11.16	28.33	27.46	26.78	-0.868	-1.55	5.63	-13.53	491.1	886	0
4/1/2014 16:00	61182	15	91	5.527	245.3	9.65	7.573	245.3	9.65	9.04	247.2	7.364	27.92	27.34	26.68	-0.576	-1.233	5.567	-13.97	284.9	886	0
4/1/2014 16:15	61183	15	91	5.616	242.8	11.8	7.647	242.8	11.8	9.47	243.4	9.89	27.5	27.22	26.7	-0.282	-0.807	5.488	-14.45	176.4	886	0
4/1/2014 16:30	61184	15	91	4.914	247.6	9.92	7.026	247.6	9.92	8.62	251.4	5.895	27.36	27.15	26.68	-0.217	-0.683	5.566	-14.36	165.3	886	0
4/1/2014 16:45	61185	15	91	6.133	244.9	8.13	8.23	244.9	8.13	9.99	244.9	6.27	27.3	27.17	26.74	-0.131	-0.562	5.399	-14.79	137.2	886	0
4/1/2014 17:00	61186	15	91	5.146	248.6	10.42	7.149	248.6	10.42	8.61	249.2	11.65	27.28	27.17	26.75	-0.112	-0.529	5.493	-14.58	143.4	886	0
4/1/2014 17:15	61187	15	91	4.157	270.2	9.31	6.48	270.2	9.31	8.04	272.9	7.721	26.73	26.71	26.36	-0.02	-0.369	5.915	-14.07	94	886	0
4/1/2014 17:30	61188	15	91	3.753	262.4	7.715	5.529	262.4	7.715	7.483	263.1	4.387	26.25	26.35	26.15	0.103	-0.101	6.312	-13.61	73.15	886	0
4/1/2014 17:45	61189	15	91	2.875	261.9	6.774	4.515	261.9	6.774	6.78	264.8	4.104	25.71	25.96	25.98	0.25	0.268	6.999	-12.72	55.64	887	0
4/1/2014 18:00	61190	15	91	2.103	269.8	6.896	3.821	269.8	6.896	5.571	270.5	3.462	25.39	25.73	25.83	0.337	0.446	7.109	-12.76	53.22	887	0
4/1/2014 18:15	61191	15	91	1.814	265.1	8.77	3.254	265.1	8.77	4.8	262.9	7.643	24.76	25.5	25.63	0.738	0.87	7.321	-12.86	11.09	887	0
4/1/2014 18:30	61192	15	91	1.767	276.9	5.099	3.43	276.9	5.099	4.978	269.1	4.439	23.96	25.07	25.41	1.112	1.451	7.939	-12.44	2.359	887	0
4/1/2014 18:45	61193	15	91	1.01	281.3	6.359	2.32	281.3	6.359	3.708	264.5	5.14	23.12	25.11	25.49	1.984	2.368	8.66	-11.98	0.468	887	0
4/1/2014 19:00	61194	15	91	0.622	279.3	9.93	1.684	279.3	9.93	2.714	270.3	9.37	22.54	25.08	25.29	2.539	2.751	8.98	-11.97	0.383	887	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/1/2014 19:15	61195	15	91	0.811	288.1	20.38	0.912	288.1	20.38	1.965	267.1	8.11	21.73	24.78	25.21	3.05	3.478	9.21	-12.26	0.273	887	0
4/1/2014 19:30	61196	15	91	0.992	309	32.77	0.416	309	32.77	1.375	264.6	11.04	18.88	24.77	25.24	5.889	6.363	11.46	-11.81	0.207	887	0
4/1/2014 19:45	61197	15	91	1.056	312.8	55.92	0.262	312.8	55.92	1.271	255.5	13.27	18.06	24.68	25.15	6.617	7.091	13.07	-10.75	0.212	887	0
4/1/2014 20:00	61198	15	91	1.303	319.6	26.13	0.395	319.6	26.13	1.733	260.4	12.21	18.03	24.92	25.23	6.895	7.2	13.7	-10.17	0.3	887	0
4/1/2014 20:15	61199	15	91	0.886	268.8	14.15	0.869	268.8	14.15	2.105	259.3	8.81	17.11	24.77	25.27	7.661	8.16	14.2	-10.46	0.447	887	0
4/1/2014 20:30	61200	15	91	1.492	150.5	28.14	2.507	150.5	28.14	1.71	216.3	31.36	17.38	23.94	24.82	6.565	7.438	15.08	-9.5	0.524	887	0
4/1/2014 20:45	61201	15	91	0.663	173.2	14.09	2.446	173.2	14.09	2.114	204.9	15.82	17.58	24.59	24.99	7.006	7.409	14.05	-10.19	0.444	887	0
4/1/2014 21:00	61202	15	91	0.554	216.7	10.29	1.802	216.7	10.29	2.913	243.2	8.83	16.49	23.7	25.06	7.212	8.57	14.89	-10.35	0.352	887	0
4/1/2014 21:15	61203	15	91	0.614	172.6	10.31	2.188	172.6	10.31	2.805	215.9	9.58	17.09	20.86	24.04	3.777	6.956	14.42	-10.28	0.496	887	0
4/1/2014 21:30	61204	15	91	0.46	199.2	10.71	1.56	199.2	10.71	2.871	229.3	8.87	15.76	20.69	24.16	4.937	8.4	14.82	-11.04	0.502	887	0
4/1/2014 21:45	61205	15	91	1.21	228.1	10.11	1.368	228.1	10.11	3.387	249.3	4.261	13.35	21.76	24.44	8.41	11.09	18.31	-10.28	0.423	887	0
4/1/2014 22:00	61206	15	91	1.713	272.2	6.133	1.04	272.2	6.133	3.572	265.4	6.022	12.87	21.83	24.38	8.96	11.51	19.73	-9.72	0.345	887	0
4/1/2014 22:15	61207	15	91	1.511	283.7	4.854	0.931	283.7	4.854	3.848	278.9	2.658	13.05	21.81	24.36	8.76	11.31	19.14	-9.96	0.492	887	0
4/1/2014 22:30	61208	15	91	1.249	277.6	4.094	1.142	277.6	4.094	3.828	284.3	2.35	11.67	22.06	23.98	10.38	12.31	21.42	-9.68	0.439	887	0
4/1/2014 22:45	61209	15	91	1.38	281.5	10.87	1.628	281.5	10.87	4.002	280.2	2.337	11.06	21.8	23.71	10.74	12.65	23.12	-9.23	0.486	887	0
4/1/2014 23:00	61210	15	91	1.463	299.8	10.53	1.775	299.8	10.53	4.409	274.9	2.31	11.27	21.27	23.3	10	12.04	22.76	-9.26	0.622	887	0
4/1/2014 23:15	61211	15	91	0.852	264.3	17.44	1.834	264.3	17.44	3.833	260.6	9.03	12.72	20.86	22.88	8.14	10.16	20.17	-9.6	0.668	887	0
4/1/2014 23:30	61212	15	91	2.292	149.5	21.73	3.855	149.5	21.73	3.241	201.4	24.3	12.99	18.7	21.52	5.716	8.54	19.97	-9.48	0.749	887	0
4/1/2014 23:45	61213	15	91	2.418	146.7	9.84	4.965	146.7	9.84	5.29	168.9	6.606	14.34	17.11	21	2.768	6.655	17.61	-9.95	1.016	887	0
4/2/2014 0:00	61214	15	92	2.058	151.1	3.501	4.483	151.1	3.501	5.57	173.2	5.967	14.52	18.65	22.08	4.128	7.552	17.28	-10.04	0.733	887	0
4/2/2014 0:15	61215	15	92	1.763	134.4	9.24	4.271	134.4	9.24	5.8	171	3.272	14.27	17.5	21.69	3.23	7.423	17.28	-10.25	0.714	887	0
4/2/2014 0:30	61216	15	92	1.044	123.8	13.64	3.08	123.8	13.64	5.323	168.5	3.829	14.19	16.2	20.86	2.01	6.669	18.32	-9.58	0.686	887	0
4/2/2014 0:45	61217	15	92	1.135	130.5	43.09	2.53	130.5	43.09	5.516	176.3	6.063	13.77	16.1	20.52	2.332	6.755	24	-6.534	0.761	887	0
4/2/2014 1:00	61218	15	92	0.823	133.5	6.455	2.692	133.5	6.455	4.388	199.9	11.76	14.46	16.31	21.54	1.847	7.074	32.31	-1.929	0.626	887	0
4/2/2014 1:15	61219	15	92	0.656	136.8	13.14	2.087	136.8	13.14	3.622	207.7	10.57	13.2	15.84	20.07	2.634	6.869	37.78	-0.883	0.46	887	0
4/2/2014 1:30	61220	15	92	0.525	117.6	9.26	1.897	117.6	9.26	2.907	188.8	9.82	12.13	14.34	18.78	2.209	6.652	41.63	-0.525	0.362	887	0
4/2/2014 1:45	61221	15	92	0.601	124.1	12.67	2.1	124.1	12.67	2.752	196.3	13.26	11.48	14.42	18.88	2.946	7.401	45.81	0.202	0.444	887	0
4/2/2014 2:00	61222	15	92	0.707	122.7	11.6	1.684	122.7	11.6	2.878	239.2	16.61	11.66	15.43	19.86	3.769	8.2	45.22	0.197	0.519	887	0
4/2/2014 2:15	61223	15	92	1.199	189.4	48.8	1.058	189.4	48.8	3.763	263.4	7.674	9.42	17.68	20.07	8.26	10.65	47.55	-1.16	0.433	887	0
4/2/2014 2:30	61224	15	92	1.703	288.8	23.07	0.887	288.8	23.07	4.219	271.4	4.657	8.29	18.03	19.79	9.74	11.5	47.42	-2.236	0.5	887	0
4/2/2014 2:45	61225	15	92	1.522	296.2	24.02	0.392	296.2	24.02	3.823	272.3	3.952	9.39	17.5	19.52	8.11	10.13	39.94	-3.584	0.506	887	0
4/2/2014 3:00	61226	15	92	1.359	276.8	16.89	0.558	276.8	16.89	3.389	272.4	3.953	8.43	17.71	19.21	9.27	10.77	38.49	-4.903	0.522	886	0
4/2/2014 3:15	61227	15	92	0.934	253.5	35.56	0.673	253.5	35.56	3.074	266.2	9.18	7.077	17.69	19.08	10.62	12	39.71	-5.714	0.458	886	0
4/2/2014 3:30	61228	15	92	0.477	157.8	13.56	1.565	157.8	13.56	2.372	246.4	10.59	6.979	17.19	18.67	10.21	11.69	40.32	-5.601	0.351	886	0
4/2/2014 3:45	61229	15	92	0.404	158.1	7.532	2.254	158.1	7.532	2.32	232.5	6.562	9.06	17.73	18.73	8.67	9.67	36.77	-4.948	0.468	886	0
4/2/2014 4:00	61230	15	92	0.621	141.8	5.038	1.91	141.8	5.038	2.298	230.8	9.82	9.22	17.64	19.08	8.42	9.86	35.59	-5.233	0.581	886	0
4/2/2014 4:15	61231	15	92	0.426	139.8	3.92	2.574	139.8	3.92	2.548	223.8	8.87	9.26	17.65	19.29	8.39	10.03	35.92	-5.082	0.558	886	0
4/2/2014 4:30	61232	15	92	0.509	147	4.547	2.909	147	4.547	2.996	213.6	8.99	9.97	17.71	19.54	7.737	9.57	33.39	-5.414	0.614	886	0
4/2/2014 4:45	61233	15	92	0.774	146.6	5.014	3.483	146.6	5.014	3.151	207.2	9.08	10.49	17.27	19.63	6.776	9.14	31.08	-5.893	0.814	886	0
4/2/2014 5:00	61234	15	92	0.919	150.7	5.143	2.939	150.7	5.143	2.881	217.9	7.434	11.04	18.19	19.69	7.145	8.65	28.79	-6.412	0.964	886	0
4/2/2014 5:15	61235	15	92	0.449	158.8	5.526	2.486	158.8	5.526	2.954	217.4	7.256	11.09	18.37	19.77	7.28	8.68	27.02	-7.207	0.525	886	0
4/2/2014 5:30	61236	15	92	0.722	154.3	12.58	2.584	154.3	12.58	2.819	216.4	9.2	10.66	18.14	19.9	7.479	9.23	26.34	-7.894	0.72	886	0
4/2/2014 5:45	61237	15	92	0.724	162	16.11	1.549	162	16.11	2.462	237.1	14.2	11.42	17.54	19.66	6.122	8.24	23.76	-8.6	1.945	887	0
4/2/2014 6:00	61238	15	92	0.689	155.8	8.44	2.071	155.8	8.44	2.391	216.3	12.28	10.39	17.7	19.48	7.305	9.08	25.78	-8.42	12.33	887	0
4/2/2014 6:15	61239	15	92	0.772	158.6	8.91	2.045	158.6	8.91	3.017	211.5	14.37	10.96	17.72	19.59	6.764	8.63	25.25	-8.25	40.66	887	0
4/2/2014 6:30	61240	15	92	0.829	187.2	11.98	2.285	187.2	11.98	3.366	213.6	12.33	13.92	17.91	19.42	3.992	5.504	20.27	-8.51	77.74	887	0
4/2/2014 6:45	61241	15	92	1.131	183	10.78	2.584	183	10.78	3.467	219.4	11.69	15.71	17.76	19.22	2.052	3.512	18.57	-8.15	132.6	887	0
4/2/2014 7:00	61242	15	92	1.088	205.4	11.54	2.034	205.4	11.54	4.066	232.9	9.96	17.39	17.76	19.17	0.364	1.773	17.21	-7.769	237.8	887	0
4/2/2014 7:15	61243	15	92	1.549	219	9.65	2.332	219	9.65	4.635	240	6.037	18.41	18.25	19.07	-0.159	0.665	15.61	-8.18	264.6	887	0
4/2/2014 7:30	61244	15	92	2.149	195.6	11.56	2.74	195.6	11.56	3.537	205.7	11.07	19.08	18.61	18.31	-0.469	-0.77	15.11	-8.06	322.4	887	0
4/2/2014 7:45	61245	15	92	2.77	184.2	10.02	3.445	184.2	10.02	3.87	186.2	8.95	19.56	18.92	18.4	-0.638	-1.16	14.21	-8.48	408.6	887	0
4/2/2014 8:00	61246	15	92	2.691	198.7	11.11	3.36	198.7	11.11	3.567	198.5	7.955	20.45	19.73	19.12	-0.721	-1.333	13.04	-8.86	452.4	887	0
4/2/2014 8:15	61247	15	92	2.66	203.7	11.89	3.286	203.7	11.89	3.358	203.2	7.72	20.88	20.07	19.43	-0.809	-1.45	12.53	-9.04	507.6	887	0
4/2/2014 8:30	61248	15	92	2.557	211.5	11.48	3.129	211.5	11.48	3.371	208.7	8.82	21.47	20.66	19.96	-0.813	-1.511	11.61	-9.55	547.4	887	0
4/2/2014 8:45	61249	15	92	2.953	220.5	11.78	3.516	220.5	11.78	3.821	224.4	9.45	22.12	21.23	20.4	-0.895	-1.725	10.85	-9.9	605	887	0
4/2/2014 9:00	61250	15	92	3.007	227.3	11.79	3.74	227.3	11.79	4	226.5	9.23	22.51	21.45	20.73	-1.059	-1.782	10.69	-9.79	686.1	887	0
4/2/2014 9:15	61251	15	92	2.948	216.6	15.56	3.514	216.6	15.56	4.028	217.2	10.78	22.94	21.98	21.2	-0.955	-1.738	10.45	-9.75	730.9	887	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/2/2014 9:30	61252	15	92	2.485	219.7	19.37	3.14	219.7	19.37	3.547	217.7	16.18	22.94	22.19	21.49	-0.755	-1.448	10.55	-9.62	455.2	887	0
4/2/2014 9:45	61253	15	92	2.537	223.2	15.35	3.073	223.2	15.35	3.503	222.7	13.54	23.42	22.62	21.78	-0.808	-1.64	10.33	-9.52	546.2	887	0
4/2/2014 10:00	61254	15	92	2.431	228.3	22.85	3.03	228.3	22.85	3.23	228.6	18.52	24.15	23.02	22.21	-1.13	-1.943	10.11	-9.24	883	887	0
4/2/2014 10:15	61255	15	92	2.81	242.7	24.08	3.489	242.7	24.08	3.691	241.8	22.25	24.66	23.47	22.52	-1.19	-2.145	9.83	-9.21	935	887	0
4/2/2014 10:30	61256	15	92	2.322	252.7	24.32	2.935	252.7	24.32	3.256	251.4	28.21	24.55	23.6	22.79	-0.947	-1.754	9.7	-9.46	946	887	0
4/2/2014 10:45	61257	15	92	3.336	263.4	18.63	4.532	263.4	18.63	4.898	264.6	19.83	24.88	23.72	23.07	-1.163	-1.812	9.67	-9.25	611.7	886	0
4/2/2014 11:00	61258	15	92	3.28	272.6	13.86	4.396	272.6	13.86	4.846	267.2	14.56	24.51	23.63	22.92	-0.877	-1.59	9.65	-9.56	444.6	886	0
4/2/2014 11:15	61259	15	92	3.326	279.8	19.85	4.049	279.8	19.85	4.409	277.3	18.45	25.52	24.46	23.64	-1.06	-1.88	9.6	-8.87	1034	886	0
4/2/2014 11:30	61260	15	92	4.482	257.1	19.03	6.116	257.1	19.03	7.166	258.9	15.55	25.95	24.62	23.78	-1.329	-2.167	9.04	-9.3	805	886	0
4/2/2014 11:45	61261	15	92	4.793	268.9	14.04	6.732	268.9	14.04	7.609	267.5	12.9	26.11	24.77	23.93	-1.339	-2.175	9.14	-9.05	791.4	886	0
4/2/2014 12:00	61262	15	92	6.671	239.9	12.26	9	239.9	12.26	10.68	240.4	12.12	25.94	24.83	23.92	-1.114	-2.018	9.15	-9.16	656.7	886	0
4/2/2014 12:15	61263	15	92	6.416	226.1	19.56	8.63	226.1	19.56	10.04	228.4	16.1	26.58	25.14	24.08	-1.442	-2.504	8.75	-9.25	859	885	0
4/2/2014 12:30	61264	15	92	5.416	235.5	15.42	7.109	235.5	15.42	8.3	237.9	13.79	26.17	24.87	23.85	-1.304	-2.328	8.53	-9.88	705.6	885	0
4/2/2014 12:45	61265	15	92	5.471	236.7	13.89	7.381	236.7	13.89	8.65	238.7	11.72	26.7	25.28	24.23	-1.428	-2.471	7.603	-10.95	817	885	0
4/2/2014 13:00	61266	15	92	5.266	247.2	13.97	7.104	247.2	13.97	8.21	248.8	14.17	26.01	24.96	24.16	-1.05	-1.843	8.11	-10.65	494.6	885	0
4/2/2014 13:15	61267	15	92	4.979	251.4	11.68	6.836	251.4	11.68	8.17	253	8.85	26.04	25.12	24.33	-0.919	-1.709	8.18	-10.52	462.6	884	0
4/2/2014 13:30	61268	15	92	6.051	238.2	12.95	8.13	238.2	12.95	9.6	237.8	10.63	26.52	25.55	24.76	-0.975	-1.768	7.154	-11.88	585.2	884	0
4/2/2014 13:45	61269	15	92	6.666	246.3	11.87	9.14	246.3	11.87	10.86	248.3	9.37	26.87	25.91	25.12	-0.957	-1.747	6.525	-12.76	626.3	884	0
4/2/2014 14:00	61270	15	92	7.003	245.7	11.84	9.48	245.7	11.84	11.14	247.5	11.26	28.04	26.66	25.59	-1.379	-2.443	5.725	-13.55	971	883	0
4/2/2014 14:15	61271	15	92	7.328	248.5	9.91	9.95	248.5	9.91	11.84	250.5	7.756	28.15	26.8	25.72	-1.353	-2.431	5.201	-14.67	899	883	0
4/2/2014 14:30	61272	15	92	6.426	249.2	12.08	8.83	249.2	12.08	10.46	250.1	11.09	28.15	26.76	25.74	-1.387	-2.413	5.216	-14.62	831	883	0
4/2/2014 14:45	61273	15	92	6.205	248.5	10.33	8.43	248.5	10.33	9.86	250.9	8.98	28.35	26.96	25.94	-1.381	-2.407	4.931	-15.16	795.1	883	0
4/2/2014 15:00	61274	15	92	6.24	246.7	13.85	8.53	246.7	13.85	10.21	246.1	11.74	28.05	26.79	25.82	-1.264	-2.234	5.555	-13.9	695.1	883	0
4/2/2014 15:15	61275	15	92	7.01	237	11.49	9.53	237	11.49	11.35	235.5	9.38	28.04	26.94	26.04	-1.105	-1.999	5.541	-13.95	671.2	883	0
4/2/2014 15:30	61276	15	92	7.816	243	9.8	10.51	243	9.8	12.63	242.9	8.94	27.39	26.71	26.01	-0.679	-1.38	5.787	-13.89	379.5	883	0
4/2/2014 15:45	61277	15	92	7.722	244.6	9.37	10.32	244.6	9.37	12.18	246.5	9.64	26.97	26.47	25.88	-0.507	-1.096	5.989	-13.75	308.9	883	0
4/2/2014 16:00	61278	15	92	7.915	239.7	10.54	10.55	239.7	10.54	12.65	239.9	9.98	26.81	26.4	25.82	-0.411	-0.991	6.353	-13.13	272.4	883	0
4/2/2014 16:15	61279	15	92	6.427	248	9.29	8.81	248	9.29	10.86	248	6.817	26.66	26.25	25.66	-0.407	-0.997	6.621	-12.73	254.7	883	0
4/2/2014 16:30	61280	15	92	5.32	236.5	12.61	7.291	236.5	12.61	8.74	235	9.58	26.7	26.36	25.83	-0.34	-0.864	6.775	-12.4	216.4	883	0
4/2/2014 16:45	61281	15	92	5.406	241.1	10.84	7.4	241.1	10.84	9.23	241.5	9.02	26.57	26.24	25.71	-0.331	-0.856	6.955	-12.17	225.3	883	0
4/2/2014 17:00	61282	15	92	4.873	232.2	12.64	6.423	232.2	12.64	7.959	232.8	10.69	26.63	26.37	25.88	-0.261	-0.754	6.87	-12.28	189.3	883	0
4/2/2014 17:15	61283	15	92	4.931	225.5	9.12	6.699	225.5	9.12	8.09	227.1	6.982	26.48	26.38	25.98	-0.102	-0.502	6.877	-12.37	118.4	882	0
4/2/2014 17:30	61284	15	92	5.427	241.2	9.36	7.45	241.2	9.36	9.39	243	8.47	26.55	26.55	26.2	0.003	-0.343	6.715	-12.63	89.4	882	0
4/2/2014 17:45	61285	15	92	5.562	241.5	8.12	7.411	241.5	8.12	8.84	240.5	7.916	26.34	26.4	26.07	0.068	-0.264	6.666	-12.88	50.2	882	0
4/2/2014 18:00	61286	15	92	5.097	241.4	8.16	6.859	241.4	8.16	8.59	240.9	7.066	25.94	26.1	25.84	0.159	-0.107	6.826	-12.86	31.35	882	0
4/2/2014 18:15	61287	15	92	4.487	234.2	10.16	5.994	234.2	10.16	8.83	234.5	6.778	25.47	25.72	25.68	0.247	0.205	6.947	-12.99	13.94	882	0
4/2/2014 18:30	61288	15	92	3.419	224.2	7.615	5.043	224.2	7.615	8.03	227.8	3.357	24.8	25.2	25.59	0.398	0.791	7.376	-12.73	4.962	882	0
4/2/2014 18:45	61289	15	92	3.192	228.4	8.83	4.739	228.4	8.83	8.01	231.3	5.398	24.22	24.75	25.23	0.532	1.01	7.571	-12.84	0.81	882	0
4/2/2014 19:00	61290	15	92	3.76	237.1	8.59	5.227	237.1	8.59	7.888	242.1	6.57	24.31	24.69	24.87	0.379	0.56	6.993	-13.76	0.912	882	0
4/2/2014 19:15	61291	15	92	3.188	240.5	8.75	4.664	240.5	8.75	7.486	245	6.071	23.84	24.33	24.71	0.481	0.868	7.176	-13.78	0.694	882	0
4/2/2014 19:30	61292	15	92	2.337	230	8.92	3.708	230	8.92	6.93	238.8	4.832	22.56	23.49	24.51	0.931	1.951	8.14	-13.2	0.745	883	0
4/2/2014 19:45	61293	15	92	1.7	226	6.825	3.266	226	6.825	7.175	235.7	3.346	21.14	22.65	24.34	1.509	3.202	9.03	-12.96	0.626	883	0
4/2/2014 20:00	61294	15	92	1.767	227.6	6.891	3.314	227.6	6.891	6.976	236.6	3.823	20.75	22.44	23.84	1.687	3.084	9.36	-12.8	0.782	883	0
4/2/2014 20:15	61295	15	92	0.916	209.8	7.262	2.157	209.8	7.262	5.807	226.5	3.127	20.03	21.52	23.26	1.492	3.235	9.69	-12.93	0.542	883	0
4/2/2014 20:30	61296	15	92	1.186	209.4	8.21	2.581	209.4	8.21	6.99	231.7	3.559	19.73	21.35	23.57	1.622	3.842	9.87	-12.92	0.684	884	0
4/2/2014 20:45	61297	15	92	2.273	229.8	9.07	3.973	229.8	9.07	7.458	240.3	4.455	19.8	21.42	23.05	1.613	3.244	9.84	-12.92	1.004	884	0
4/2/2014 21:00	61298	15	92	2.876	242.2	8.77	4.421	242.2	8.77	8.19	242	5.633	20.57	21.55	22.66	0.98	2.095	8.88	-13.6	1.102	884	0
4/2/2014 21:15	61299	15	92	2.925	240.9	10.5	4.65	240.9	10.5	8.04	244.3	5.145	20.42	21.26	22.36	0.838	1.94	8.63	-14.07	0.986	884	0
4/2/2014 21:30	61300	15	92	2.307	240.4	9.44	3.668	240.4	9.44	6.936	239.5	5.593	19.93	21.01	22.09	1.086	2.163	9	-13.92	0.755	884	0
4/2/2014 21:45	61301	15	92	2.27	236.7	10.01	3.707	236.7	10.01	6.96	236.6	5.612	19.6	20.98	22.06	1.38	2.46	9.13	-13.99	0.873	884	0
4/2/2014 22:00	61302	15	92	2.636	235.2	9.53	4.302	235.2	9.53	7.943	239.6	5.804	19.4	20.72	21.88	1.324	2.485	9.18	-14.08	0.857	884	0
4/2/2014 22:15	61303	15	92	4.486	239	9.68	6.132	239	9.68	10.03	241.7	6.871	20.78	21.33	22.01	0.548	1.235	8.3	-14.29	1.383	884	0
4/2/2014 22:30	61304	15	92	5.465	242.2	8.67	7.597	242.2	8.67	10.61	242	7.159	21.74	22.22	22.46	0.483	0.723	7.474	-14.84	1.458	884	0
4/2/2014 22:45	61305	15	92	5.008	245.6	9.88	6.987	245.6	9.88	9.81	244.7	6.251	21.51	21.99	22.32	0.476	0.803	7.292	-15.31	0.952	884	0
4/2/2014 23:00	61306	15	92	2.609	258.8	12.21	4.632	258.8	12.21	7.674	251	6.583	19.27	20.1	21.18	0.834	1.911	8.88	-14.59	0.621	884	0
4/2/2014 23:15	61307	15	92	2.241	265	16.64	3.914	265	16.64	6.774	252.6	7.313	19.13	20.08	20.96	0.951	1.837	8.92	-14.64	0.63	884	0
4/2/2014 23:30	61308	15	92	1.285	299.1	24.27	2.252	299.1	24.27	5.221	253.1	5.621	16.86	18.6	20.41	1.737	3.549	10.61	-14.29	0.355	884	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/2/2014 23:45	61309	15	92	0.949	252.9	42	0.895	252.9	42	4.161	238.9	8.49	12.99	18.32	20.06	5.331	7.072	14.36	-13.62	0.322	884	0
4/3/2014 0:00	61310	15	93	0.582	213.8	18.55	1.861	213.8	18.55	4.914	229.3	8.95	13.34	18.79	20.3	5.446	6.956	14.61	-13.11	0.488	884	0
4/3/2014 0:15	61311	15	93	1.41	189.5	17.8	2.493	189.5	17.8	4.59	223.1	10.12	14.55	18.81	19.94	4.262	5.391	12.57	-13.99	0.711	884	0
4/3/2014 0:30	61312	15	93	1.626	171	11.26	3.283	171	11.26	4.633	206.8	9.35	14.27	17.76	19.17	3.484	4.896	12.76	-14.02	0.714	884	0
4/3/2014 0:45	61313	15	93	1.894	175.2	11.56	3.633	175.2	11.56	5.759	200.6	6.651	14.49	17.09	18.93	2.598	4.444	12.94	-13.68	0.777	884	0
4/3/2014 1:00	61314	15	93	2.218	184.6	7.916	4.41	184.6	7.916	7.272	202.9	4.073	15.61	17.41	19.16	1.803	3.557	12.08	-13.63	1.19	884	0
4/3/2014 1:15	61315	15	93	2.221	189.9	6.728	4.68	189.9	6.728	8.41	209.6	3.721	14.93	16.92	19.13	1.985	4.199	12.59	-13.66	0.927	884	0
4/3/2014 1:30	61316	15	93	2.696	201.2	6.003	4.951	201.2	6.003	9.73	211.7	2.767	15.11	16.66	18.91	1.553	3.807	13.64	-12.53	1.329	884	0
4/3/2014 1:45	61317	15	93	3.513	203.1	6.933	5.681	203.1	6.933	9.99	209.5	3.579	16.44	17.4	18.66	0.96	2.22	13.91	-11.23	1.528	884	0
4/3/2014 2:00	61318	15	93	4.011	203.1	6.644	6.057	203.1	6.644	10.21	210.9	3.883	16.79	17.59	18.64	0.795	1.841	14.59	-10.35	1.258	884	0
4/3/2014 2:15	61319	15	93	3.903	205.8	6.566	5.766	205.8	6.566	9.68	212.1	3.493	17.04	17.81	18.74	0.771	1.707	15.52	-9.37	1.18	884	0
4/3/2014 2:30	61320	15	93	2.96	202.2	6.075	4.898	202.2	6.075	9.09	210.3	2.697	16.35	17.38	18.7	1.027	2.351	16.62	-9.05	1.009	884	0
4/3/2014 2:45	61321	15	93	2.464	204.8	6.055	4.241	204.8	6.055	8.72	211.2	2.933	15.79	16.87	18.34	1.084	2.556	17.52	-8.83	0.854	884	0
4/3/2014 3:00	61322	15	93	2.091	198.4	9.41	3.896	198.4	9.41	8.32	209.5	5.665	14.93	16.1	17.68	1.172	2.756	18.79	-8.65	0.869	884	0
4/3/2014 3:15	61323	15	93	1.727	176.8	8.51	3.561	176.8	8.51	8.29	195.2	3.42	13.23	14.36	16.74	1.131	3.514	21.02	-8.62	0.744	884	0
4/3/2014 3:30	61324	15	93	2.338	181.7	7.044	4.314	181.7	7.044	9.47	193.8	3.941	13.46	14.54	17.33	1.081	3.867	21.58	-8.09	0.954	884	0
4/3/2014 3:45	61325	15	93	2.022	186.9	6.635	3.89	186.9	6.635	9.07	197.8	2.431	14.01	15.22	17.73	1.208	3.718	21.26	-7.813	1.073	884	0
4/3/2014 4:00	61326	15	93	2.026	181.1	6.098	3.968	181.1	6.098	8.85	197.6	2.976	13.79	15.15	17.88	1.352	4.089	21.74	-7.709	0.985	884	0
4/3/2014 4:15	61327	15	93	0.975	173.8	6.578	2.849	173.8	6.578	7.487	195	2.779	12.96	14.52	17.23	1.559	4.264	23.32	-7.505	0.606	884	0
4/3/2014 4:30	61328	15	93	0.447	177.6	19.51	1.5	177.6	19.51	6.513	196.5	3.226	12.87	14.01	16.58	1.139	3.714	23.79	-7.324	0.526	884	0
4/3/2014 4:45	61329	15	93	1.177	216.9	26.71	2.232	216.9	26.71	5.723	201.7	8.55	12.63	14.63	16.31	2.001	3.672	24.31	-7.248	0.817	885	0
4/3/2014 5:00	61330	15	93	1.981	291.4	12.13	3.005	291.4	12.13	4.347	270.9	14.15	12.35	14.59	15.41	2.24	3.058	24.81	-7.22	0.7	885	0
4/3/2014 5:15	61331	15	93	1.066	285.4	23.59	2.08	285.4	23.59	4.024	261.1	11.15	10.06	14.84	16.24	4.784	6.177	27.63	-7.815	0.433	885	0
4/3/2014 5:30	61332	15	93	1.062	256.6	21.62	2.026	256.6	21.62	4.195	253.9	5.608	7	15.02	16.4	8.02	9.39	33.31	-8.07	0.462	885	0
4/3/2014 5:45	61333	15	93	1.382	233.1	5.354	2.873	233.1	5.354	4.094	244.2	5.258	10.9	15.7	16.47	4.8	5.573	28.48	-6.723	4.022	886	0
4/3/2014 6:00	61334	15	93	0.988	243.7	9.83	2.613	243.7	9.83	4.762	257.8	10.68	11.52	15.37	16.58	3.85	5.057	26.47	-7.102	27.01	886	0
4/3/2014 6:15	61335	15	93	1.1	245.4	8.58	2.566	245.4	8.58	4.424	262	9.32	13.07	15.45	16.27	2.382	3.194	24.54	-6.75	66.38	886	0
4/3/2014 6:30	61336	15	93	1.728	265.4	12.66	2.99	265.4	12.66	6.675	286.4	5.545	14.11	14.74	15.94	0.625	1.832	20.86	-7.995	119.1	886	0
4/3/2014 6:45	61337	15	93	2.549	274.4	9.52	4.301	274.4	9.52	7.182	285.5	5.795	15.61	15.8	16.06	0.195	0.453	16.7	-9.6	180.4	887	0
4/3/2014 7:00	61338	15	93	2.522	281.4	27.04	3.87	281.4	27.04	5.122	289.5	20.12	16.32	16.15	15.85	-0.168	-0.467	15.48	-9.97	240.5	887	0
4/3/2014 7:15	61339	15	93	1.317	347.7	23	1.759	347.7	23	2.117	324.9	21.85	16.23	15.97	15.65	-0.26	-0.583	15.73	-9.85	304.3	887	0
4/3/2014 7:30	61340	15	93	2.909	309.1	21.95	3.521	309.1	21.95	4.35	302	15.85	16.73	16.39	15.88	-0.336	-0.848	15.09	-9.97	368.3	887	0
4/3/2014 7:45	61341	15	93	4.772	290.7	9.45	5.923	290.7	9.45	7.491	292.7	5.858	17.18	16.64	16	-0.539	-1.178	16.09	-8.78	431.7	887	0
4/3/2014 8:00	61342	15	93	5.032	291.7	8.63	5.896	291.7	8.63	7.597	293.5	5.178	17.66	17.02	16.27	-0.647	-1.391	15.91	-8.54	492.5	887	0
4/3/2014 8:15	61343	15	93	5.435	288.8	8.85	6.985	288.8	8.85	8.71	289.5	6.529	18.04	17.26	16.49	-0.783	-1.554	16	-8.16	550.3	887	0
4/3/2014 8:30	61344	15	93	5.41	286.9	12.64	6.995	286.9	12.64	8.32	289.2	10.07	18.34	17.44	16.61	-0.901	-1.725	16.41	-7.595	602.8	887	0
4/3/2014 8:45	61345	15	93	5.795	286.5	9.29	7.795	286.5	9.29	9.5	287.8	7.579	18.42	17.42	16.55	-0.996	-1.861	16.5	-7.466	653	888	0
4/3/2014 9:00	61346	15	93	5.922	284.8	9.94	7.876	284.8	9.94	9.88	286.7	8.2	18.68	17.64	16.59	-1.045	-2.09	16.33	-7.377	702.2	888	0
4/3/2014 9:15	61347	15	93	6.911	283.6	9.27	9.57	283.6	9.27	11.79	286.2	6.124	18.59	17.41	16.35	-1.176	-2.236	16.66	-7.199	748.2	888	0
4/3/2014 9:30	61348	15	93	7.249	288.6	11.34	9.1	288.6	11.34	10.93	289	9.29	18.69	17.45	16.45	-1.241	-2.244	16.38	-7.332	790.1	888	0
4/3/2014 9:45	61349	15	93	6.685	287.9	10.57	8.52	287.9	10.57	9.87	289.8	8.31	19.01	17.75	16.67	-1.265	-2.34	16.24	-7.183	828	888	0
4/3/2014 10:00	61350	15	93	7.793	285.5	10.75	10.29	285.5	10.75	12.26	286.3	8.44	18.97	17.67	16.59	-1.297	-2.38	16.14	-7.302	861	888	0
4/3/2014 10:15	61351	15	93	7.537	273.1	12.2	11.42	273.1	12.2	13.54	275.3	9.77	19.21	17.81	16.64	-1.397	-2.571	15.56	-7.579	893	888	0
4/3/2014 10:30	61352	15	93	8.14	282.8	10.59	11.22	282.8	10.59	13.86	284.4	7.991	19.14	17.75	16.57	-1.392	-2.573	15.2	-7.937	917	888	0
4/3/2014 10:45	61353	15	93	7.376	278.9	9.73	10.77	278.9	9.73	12.75	279.5	7.791	19.6	18.17	16.94	-1.423	-2.653	14.65	-8.05	946	888	0
4/3/2014 11:00	61354	15	93	8.26	278.3	11.59	12.05	278.3	11.59	14.16	281.5	9.85	19.57	18.08	16.87	-1.484	-2.696	14.31	-8.37	966	888	0
4/3/2014 11:15	61355	15	93	8.87	277.5	10.1	13.22	277.5	10.1	15.31	278.9	7.421	19.45	17.96	16.79	-1.489	-2.663	13.36	-9.34	987	888	0
4/3/2014 11:30	61356	15	93	8.67	276.9	10.25	12.97	276.9	10.25	15.35	278.4	8.07	19.71	18.19	16.95	-1.528	-2.762	12.62	-9.86	1001	888	0
4/3/2014 11:45	61357	15	93	9	278.3	12.31	12.61	278.3	12.31	14.96	279.9	9.83	20.13	18.71	17.41	-1.425	-2.717	11.78	-10.4	1010	888	0
4/3/2014 12:00	61358	15	93	8.59	272.1	11.15	12.75	272.1	11.15	15.1	273.8	9.68	20.24	18.78	17.55	-1.459	-2.687	11.29	-10.86	1017	888	0
4/3/2014 12:15	61359	15	93	9.62	276.4	9.99	14.28	276.4	9.99	16.8	277.9	8.13	20.75	19.35	18.13	-1.402	-2.616	9.51	-12.65	1004	888	0
4/3/2014 12:30	61360	15	93	10.44	277.4	9.03	15.92	277.4	9.03	18.95	278.5	7.034	20.93	19.55	18.33	-1.376	-2.605	7.634	-15.23	1001	888	0
4/3/2014 12:45	61361	15	93	9.68	269.8	11.98	14.44	269.8	11.98	16.94	271.8	10.44	21.44	20.02	18.7	-1.416	-2.744	5.55	-18.74	1020	888	0
4/3/2014 13:00	61362	15	93	9.71	275.3	11.29	14.56	275.3	11.29	17.62	277.5	9.27	21.34	19.94	18.66	-1.409	-2.684	3.911	-22.86	1013	888	0
4/3/2014 13:15	61363	15	93	10.08	272.8	10.86	15.04	272.8	10.86	17.94	273.6	9.51	21.34	19.97	18.66	-1.376	-2.687	3.654	-23.62	1004	888	0
4/3/2014 13:30	61364	15	93	9	268.9	11.36	13.42	268.9	11.36	15.98	270.8	8.88	21.48	20.06	18.69	-1.418	-2.784	3.51	-24.01	989	888	0
4/3/2014 13:45	61365	15	93	9	273.1	13.39	13.1	273.1	13.39	15.46	274.5	11.01	21.47	19.99	18.79	-1.484	-2.683	3.346	-24.57	960	888	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/3/2014 14:00	61366	15	93	8.68	271.7	10.26	13.04	271.7	10.26	15.64	274.2	8.99	21.62	20.29	18.97	-1.332	-2.651	2.998	-25.79	932	888	0
4/3/2014 14:15	61367	15	93	8.41	275.6	8.71	13.18	275.6	8.71	15.19	276.8	5.97	21.52	20.17	19.04	-1.351	-2.478	2.732	-26.89	902	888	0
4/3/2014 14:30	61368	15	93	7.49	274.1	11.91	10.96	274.1	11.91	13.13	277.2	9.47	21.54	20.21	18.99	-1.327	-2.547	2.834	-26.48	854	888	0
4/3/2014 14:45	61369	15	93	7.846	272.3	13.93	11.13	272.3	13.93	13.14	274.3	10.71	21.47	20.25	19.17	-1.216	-2.304	2.367	-28.62	816	888	0
4/3/2014 15:00	61370	15	93	6.535	267.8	9.1	9.93	267.8	9.1	11.65	269.9	8.98	21.45	20.16	19.08	-1.292	-2.374	2.535	-27.84	756.3	888	0
4/3/2014 15:15	61371	15	93	6.239	270.9	16.83	8.73	270.9	16.83	10.48	274.4	15.17	21.53	20.19	19.26	-1.34	-2.274	2.726	-26.87	702	888	0
4/3/2014 15:30	61372	15	93	5.109	300.3	18.95	6.668	300.3	18.95	6.935	299.4	16.32	21.46	20.38	19.44	-1.087	-2.02	2.997	-25.83	646.8	888	0
4/3/2014 15:45	61373	15	93	5.072	319.8	14.49	6.057	319.8	14.49	6.311	321.1	10.66	20.97	20	19.17	-0.972	-1.798	4.132	-22.5	596.5	888	0
4/3/2014 16:00	61374	15	93	5.344	328.9	12.89	7.148	328.9	12.89	8.13	326.1	10.76	21.11	20.14	19.25	-0.972	-1.857	4.682	-20.88	544	888	0
4/3/2014 16:15	61375	15	93	4.882	308.4	14.15	5.806	308.4	14.15	5.966	311.8	11.67	21	20.04	19.26	-0.958	-1.737	4.451	-21.53	494.5	888	0
4/3/2014 16:30	61376	15	93	5.954	320.9	14.39	7.941	320.9	14.39	8.64	321.6	11.41	20.72	19.97	19.21	-0.753	-1.515	4.482	-21.66	434.8	888	0
4/3/2014 16:45	61377	15	93	4.67	324.4	22.44	5.966	324.4	22.44	6.759	325.2	16.68	20.47	19.77	19.04	-0.699	-1.429	4.595	-21.54	373.2	889	0
4/3/2014 17:00	61378	15	93	6.363	325.6	15.37	8.2	325.6	15.37	9.18	325.2	12.69	20.22	19.7	18.99	-0.518	-1.233	4.755	-21.33	307.6	889	0
4/3/2014 17:15	61379	15	93	5.075	328.8	12.9	6.943	328.8	12.9	8.38	327.8	9.82	19.92	19.51	18.88	-0.416	-1.046	4.927	-21.12	241	889	0
4/3/2014 17:30	61380	15	93	5.773	340.1	10.51	8.28	340.1	10.51	10.02	339.2	6.944	19.5	19.21	18.66	-0.284	-0.839	5.26	-20.66	174.4	889	0
4/3/2014 17:45	61381	15	93	4.605	340.7	10.02	6.818	340.7	10.02	8.57	339.7	8.65	19.21	19.09	18.67	-0.118	-0.54	5.597	-20.14	113.5	890	0
4/3/2014 18:00	61382	15	93	4.946	332.9	9.28	7.267	332.9	9.28	9.63	331.5	6.561	18.69	18.77	18.53	0.076	-0.166	5.737	-20.23	59.08	890	0
4/3/2014 18:15	61383	15	93	4.361	336.3	7.838	6.607	336.3	7.838	9.15	336.3	6.021	17.93	18.2	18.17	0.264	0.238	6.335	-19.62	18.88	890	0
4/3/2014 18:30	61384	15	93	3.64	341.6	8.63	5.664	341.6	8.63	8.55	341.8	5.734	17.1	17.54	17.81	0.44	0.707	6.958	-19.13	3.224	891	0
4/3/2014 18:45	61385	15	93	3.016	357.4	14.08	4.985	357.4	14.08	8.07	358.9	13.87	16.15	16.69	17.14	0.54	0.986	8.24	-17.86	0.814	891	0
4/3/2014 19:00	61386	15	93	3.43	1.938	13.74	5.501	1.938	13.74	9.16	0.935	15.97	15.65	16.17	16.82	0.518	1.175	9.49	-16.53	0.777	891	0
4/3/2014 19:15	61387	15	93	3.122	5.754	9.53	5.199	5.754	9.53	8.6	3.597	11.34	15.15	15.72	16.36	0.571	1.208	10.34	-15.89	0.764	891	0
4/3/2014 19:30	61388	15	93	2.749	12.18	7.479	4.723	12.18	7.479	8.41	7.204	2.965	14.37	15.01	15.8	0.642	1.426	11.57	-15.13	0.57	892	0
4/3/2014 19:45	61389	15	93	2.969	13.74	7.007	4.937	13.74	7.007	8.5	9.38	3.119	14.25	14.87	15.59	0.622	1.341	11.94	-14.84	0.908	892	0
4/3/2014 20:00	61390	15	93	2.243	24.36	4.516	4.096	24.36	4.516	7.669	13.74	2.978	12.91	13.82	15.04	0.918	2.135	13.11	-14.78	0.647	892	0
4/3/2014 20:15	61391	15	93	1.982	25.96	3.573	3.997	25.96	3.573	8.15	16.43	2.263	11.57	12.84	14.64	1.274	3.07	14.56	-14.58	0.584	893	0
4/3/2014 20:30	61392	15	93	2.022	26.05	3.957	4.287	26.05	3.957	8.92	17.89	1.853	10.95	12.49	14.66	1.538	3.708	15.68	-14.16	0.713	893	0
4/3/2014 20:45	61393	15	93	2.548	19.4	4.748	4.873	19.4	4.748	9.89	13.88	2.025	11.34	12.37	14.75	1.029	3.404	15.77	-13.77	0.859	893	0
4/3/2014 21:00	61394	15	93	3.048	20.3	7.064	5.43	20.3	7.064	10.23	16.49	7.134	11.06	11.89	13.96	0.836	2.902	16.49	-13.46	0.91	893	0
4/3/2014 21:15	61395	15	93	5.231	34.46	7.352	7.757	34.46	7.352	10.79	35.92	5.889	12.08	12.3	12.3	0.221	0.227	22.34	-8.87	1.243	894	0
4/3/2014 21:30	61396	15	93	5.435	37.09	7.598	7.984	37.09	7.598	10.79	37.8	4.969	11.6	11.74	11.62	0.145	0.023	30.87	-5.041	1.006	894	0
4/3/2014 21:45	61397	15	93	5.104	41.4	7.937	7.392	41.4	7.937	10.35	41.61	5.169	11.05	11.19	11.07	0.137	0.02	35.89	-3.501	0.944	894	0
4/3/2014 22:00	61398	15	93	5.668	41.6	8.12	8.39	41.6	8.12	10.76	41.5	5.941	10.67	10.77	10.58	0.104	-0.084	39.77	-2.456	1.078	894	0
4/3/2014 22:15	61399	15	93	5.733	48.63	8.49	8.28	48.63	8.49	10.92	49.82	6.77	10.11	10.19	9.99	0.088	-0.117	41.96	-2.235	0.88	895	0
4/3/2014 22:30	61400	15	93	5.961	47.7	8.38	8.63	47.7	8.38	11.32	49.36	6.357	9.51	9.59	9.38	0.077	-0.133	43.5	-2.288	1.065	895	0
4/3/2014 22:45	61401	15	93	6.662	46.75	8.61	9.69	46.75	8.61	12.87	48.28	6.036	9.03	9.08	8.87	0.056	-0.161	44.91	-2.295	1.17	895	0
4/3/2014 23:00	61402	15	93	5.816	47.67	7.819	8.67	47.67	7.819	11.4	49.68	5.526	8.6	8.68	8.47	0.076	-0.133	45.99	-2.365	0.995	895	0
4/3/2014 23:15	61403	15	93	5.22	48.83	8.89	7.741	48.83	8.89	10.37	49.44	6.972	8.28	8.39	8.21	0.101	-0.079	45.57	-2.777	0.976	895	0
4/3/2014 23:30	61404	15	93	4.767	53.68	8.46	6.895	53.68	8.46	9.45	54.12	5.564	7.939	8.06	7.924	0.124	-0.015	44.83	-3.314	0.93	895	0
4/3/2014 23:45	61405	15	93	4.895	55.05	8.56	6.991	55.05	8.56	9.64	54.67	6.201	7.718	7.839	7.723	0.122	0.005	43.29	-3.983	0.919	895	0
4/4/2014 0:00	61406	15	94	4.675	54.25	7.384	6.725	54.25	7.384	9.29	54.3	5.338	7.441	7.582	7.492	0.141	0.051	42.81	-4.382	0.954	895	0
4/4/2014 0:15	61407	15	94	4.852	48.69	7.33	7.194	48.69	7.33	9.8	50.8	5.103	7.254	7.39	7.277	0.135	0.023	43	-4.494	1.028	896	0
4/4/2014 0:30	61408	15	94	4.385	49.55	7.733	6.418	49.55	7.733	9.02	50.68	5.465	7.004	7.139	7.042	0.135	0.038	44.16	-4.37	0.819	896	0
4/4/2014 0:45	61409	15	94	4.068	55.74	7.624	6.049	55.74	7.624	8.51	55.41	4.188	6.645	6.813	6.751	0.169	0.106	45.9	-4.182	0.895	896	0
4/4/2014 1:00	61410	15	94	3.934	51.62	7.368	5.895	51.62	7.368	8.77	52.72	4.109	6.268	6.447	6.455	0.18	0.187	47.7	-4.016	0.787	896	0
4/4/2014 1:15	61411	15	94	3.929	49.44	6.989	5.894	49.44	6.989	8.54	50.84	4.498	6.023	6.209	6.187	0.186	0.163	49.2	-3.83	0.784	896	0
4/4/2014 1:30	61412	15	94	3.907	52.27	7.431	5.753	52.27	7.431	8.57	52.89	4.769	5.769	5.931	5.942	0.162	0.173	50.23	-3.787	0.855	896	0
4/4/2014 1:45	61413	15	94	3.23	32.24	30.59	4.898	32.24	30.59	7.207	42.64	20.37	5.432	5.643	5.66	0.211	0.227	51.51	-3.763	0.719	896	0
4/4/2014 2:00	61414	15	94	3.175	344.7	23.76	4.832	344.7	23.76	6.042	357	19.82	5.018	5.288	5.358	0.27	0.34	53.1	-3.741	0.745	896	0
4/4/2014 2:15	61415	15	94	2.537	354.1	14.1	4.183	354.1	14.1	5.688	6.52	11.85	4.673	5.111	5.236	0.438	0.563	53.97	-3.85	0.734	897	0
4/4/2014 2:30	61416	15	94	1.726	8.18	8.75	3.34	8.18	8.75	5.237	16.69	4.83	3.653	4.772	5.19	1.118	1.536	57.29	-4.007	0.509	897	0
4/4/2014 2:45	61417	15	94	1.298	12.23	5.918	3.158	12.23	5.918	5.112	20.76	3.689	2.613	4.258	5.078	1.645	2.466	60.49	-4.265	0.539	897	0
4/4/2014 3:00	61418	15	94	1.095	12.96	4.39	3.306	12.96	4.39	4.948	22.67	3.654	1.652	4.284	5.007	2.631	3.354	63.28	-4.574	0.578	897	0
4/4/2014 3:15	61419	15	94	0.885	14.69	6.582	2.382	14.69	6.582	3.97	21.97	4.543	0.798	4.147	4.946	3.349	4.148	65.07	-5.019	0.478	897	0
4/4/2014 3:30	61420	15	94	1.061	10.78	5.151	2.667	10.78	5.151	4.077	16.18	4.626	0.425	4.092	4.924	3.667	4.499	65.99	-5.189	0.477	897	0
4/4/2014 3:45	61421	15	94	1.249	357.2	6.919	2.686	357.2	6.919	3.618	3.329	10.19	0.179	4.387	4.936	4.207	4.757	66.87	-5.249	0.436	897	0
4/4/2014 4:00	61422	15	94	1.11	348.8	7.416	2.342	348.8	7.416	3.483	357.1	7.267	0.331	3.922	4.935	3.591	4.605	67.76	-4.93	0.501	897	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/4/2014 4:15	61423	15	94	0.955	345.8	10.79	1.812	345.8	10.79	3.479	355.6	11.11	0.147	3.168	4.836	3.021	4.689	68.65	-4.933	0.457	898	0
4/4/2014 4:30	61424	15	94	1.182	353.8	17.19	2.234	353.8	17.19	3.719	354.2	6.578	-0.116	3.528	4.889	3.644	5.006	69.75	-4.977	0.535	898	0
4/4/2014 4:45	61425	15	94	1.19	25.7	15.21	1.873	25.7	15.21	3.362	359.3	7.802	-0.355	3.031	4.896	3.386	5.252	70.25	-5.111	0.507	898	0
4/4/2014 5:00	61426	15	94	1.503	35.68	10.55	2.411	35.68	10.55	3.708	4.963	6.214	-1.635	3.09	4.786	4.725	6.422	73.1	-5.822	0.416	898	0
4/4/2014 5:15	61427	15	94	1.223	60.6	8.88	2.476	60.6	8.88	3.364	13.23	10.36	-1.586	2.711	4.617	4.296	6.203	74.94	-5.446	0.501	898	0
4/4/2014 5:30	61428	15	94	0.629	70.33	12.52	1.808	70.33	12.52	2.253	10.52	5.813	-1.81	2	4.272	3.81	6.083	73.14	-5.984	0.547	898	0
4/4/2014 5:45	61429	15	94	0.692	63.53	10.71	1.602	63.53	10.71	1.742	12.95	10.4	-2.84	2.69	4.556	5.53	7.397	75.26	-6.607	4.074	898	0
4/4/2014 6:00	61430	15	94	0.555	76.21	15.93	1.29	76.21	15.93	1.223	20.27	16.72	-2.849	2.945	4.568	5.794	7.417	74.58	-6.732	39.3	898	0
4/4/2014 6:15	61431	15	94	0.528	63.94	34.53	0.87	63.94	34.53	0.883	352.3	26.21	-1.47	3.145	4.555	4.615	6.025	71.38	-5.98	74.22	899	0
4/4/2014 6:30	61432	15	94	0.713	38.1	30.3	0.872	38.1	30.3	0.755	335	21.84	0.652	3.586	4.627	2.934	3.975	67.7	-4.64	111.5	899	0
4/4/2014 6:45	61433	15	94	0.655	34	25.46	1.057	34	25.46	1.383	17.11	22.12	3.789	3.817	4.522	0.028	0.733	59.49	-3.385	169.8	899	0
4/4/2014 7:00	61434	15	94	0.694	17.7	78.62	0.774	17.7	78.62	1.053	21.17	49.21	5.174	4.961	4.729	-0.212	-0.445	52.15	-3.853	240.5	899	0
4/4/2014 7:15	61435	15	94	1.177	88.3	44.02	1.461	88.3	44.02	1.484	91.3	21.87	5.817	5.36	4.851	-0.457	-0.965	46.17	-4.863	305.8	900	0
4/4/2014 7:30	61436	15	94	1.34	78.44	22.43	1.591	78.44	22.43	1.846	83	16.85	6.095	5.573	5.051	-0.522	-1.044	45.74	-4.731	318.7	899	0
4/4/2014 7:45	61437	15	94	1.465	100.2	33.28	1.77	100.2	33.28	2.034	102.8	24	6.53	5.929	5.378	-0.601	-1.152	44.17	-4.798	416.5	900	0
4/4/2014 8:00	61438	15	94	1.329	94.3	59.14	1.474	94.3	59.14	2.08	97.2	30.88	6.933	6.429	5.845	-0.504	-1.088	42.68	-4.889	521.2	900	0
4/4/2014 8:15	61439	15	94	2.242	104.5	21.71	2.793	104.5	21.71	3.114	104.7	16.21	7.529	6.784	6.148	-0.745	-1.381	38.87	-5.581	543.3	900	0
4/4/2014 8:30	61440	15	94	2.495	126.8	17.42	3.121	126.8	17.42	3.345	126.4	11	8.07	7.172	6.365	-0.9	-1.707	37.17	-5.679	583.5	900	0
4/4/2014 8:45	61441	15	94	1.943	132.5	31.37	2.283	132.5	31.37	2.705	133	29.17	8.17	7.364	6.693	-0.81	-1.481	37.08	-5.621	652.5	900	0
4/4/2014 9:00	61442	15	94	1.625	127.7	30.43	1.89	127.7	30.43	2.421	145.1	26.16	8.43	7.753	7.125	-0.677	-1.304	35.86	-5.832	726	900	0
4/4/2014 9:15	61443	15	94	2.683	130.3	26.45	3.281	130.3	26.45	3.826	132	17.93	9.56	8.62	7.796	-0.946	-1.765	30.37	-7.01	692	900	0
4/4/2014 9:30	61444	15	94	2.712	143.2	24.72	3.23	143.2	24.72	3.531	137.7	23.05	10.13	8.96	8.22	-1.167	-1.906	28.28	-7.443	824	899	0
4/4/2014 9:45	61445	15	94	3.002	132.1	22.36	3.849	132.1	22.36	4.19	131.3	18.96	11.06	9.76	8.91	-1.297	-2.15	26.48	-7.485	863	899	0
4/4/2014 10:00	61446	15	94	3.209	159.5	19.07	4.045	159.5	19.07	4.443	156.9	16.1	11.67	10.03	9.25	-1.64	-2.418	24.49	-7.972	875	899	0
4/4/2014 10:15	61447	15	94	2.769	131.4	25.52	3.613	131.4	25.52	4.12	133.5	18.15	12.01	10.54	9.69	-1.477	-2.319	24.09	-7.891	921	899	0
4/4/2014 10:30	61448	15	94	3.149	139.4	27.62	3.79	139.4	27.62	4.19	136.2	22.51	12.44	11.07	10.17	-1.366	-2.267	22.98	-8.14	844	899	0
4/4/2014 10:45	61449	15	94	3.255	142.2	19.39	4.138	142.2	19.39	4.691	142.6	14.23	12.83	11.31	10.43	-1.514	-2.395	22.44	-8.12	862	899	0
4/4/2014 11:00	61450	15	94	2.859	143.6	26.45	3.672	143.6	26.45	4.125	144.3	20.18	13.07	11.64	10.86	-1.43	-2.207	22.38	-7.948	950	898	0
4/4/2014 11:15	61451	15	94	3.429	164.3	27.71	4.23	164.3	27.71	4.532	161.2	18.01	13.6	12.08	11.24	-1.516	-2.359	21.4	-8.08	856	898	0
4/4/2014 11:30	61452	15	94	2.971	157.7	24.66	3.795	157.7	24.66	4.428	154.5	19.24	14.26	12.75	11.78	-1.503	-2.473	21.07	-7.733	994	898	0
4/4/2014 11:45	61453	15	94	3.614	122.2	26.71	4.607	122.2	26.71	5.009	125	22.05	14.55	12.97	11.96	-1.584	-2.59	19.63	-8.39	798.1	897	0
4/4/2014 12:00	61454	15	94	3.481	142.9	18.38	4.348	142.9	18.38	4.988	136.9	15.78	14.49	13	12.15	-1.488	-2.335	19.35	-8.63	936	897	0
4/4/2014 12:15	61455	15	94	3.828	152.7	25.02	4.716	152.7	25.02	5.296	152.7	18.8	15.2	13.47	12.55	-1.73	-2.653	18.85	-8.38	1026	897	0
4/4/2014 12:30	61456	15	94	3.139	144.1	29.33	3.93	144.1	29.33	4.64	144.9	24.03	15.18	13.82	12.9	-1.356	-2.276	18.71	-8.49	949	896	0
4/4/2014 12:45	61457	15	94	3.754	139.5	19.07	4.872	139.5	19.07	5.332	141.8	15.77	16.12	14.48	13.5	-1.641	-2.617	18.33	-7.98	848	896	0
4/4/2014 13:00	61458	15	94	3.759	143.1	16.9	4.714	143.1	16.9	5.336	140.5	17.24	15.87	14.39	13.54	-1.481	-2.33	17.92	-8.48	889	895	0
4/4/2014 13:15	61459	15	94	3.802	136.8	25.15	4.797	136.8	25.15	5.341	139.8	23.41	16.63	15.04	13.94	-1.595	-2.692	17.34	-8.27	879	895	0
4/4/2014 13:30	61460	15	94	3.759	146.2	17.53	4.751	146.2	17.53	5.186	147.1	15.09	16.38	14.85	13.93	-1.525	-2.446	17.51	-8.36	713	895	0
4/4/2014 13:45	61461	15	94	3.783	131.3	15.32	4.753	131.3	15.32	5.429	134.6	14.71	16.78	15.08	14.28	-1.705	-2.503	17.02	-8.39	889	894	0
4/4/2014 14:00	61462	15	94	4.302	147.2	14.1	5.498	147.2	14.1	6.184	146.2	12.51	17.25	15.46	14.6	-1.785	-2.649	16.16	-8.68	817	894	0
4/4/2014 14:15	61463	15	94	3.908	144.3	16.63	5.067	144.3	16.63	5.901	147.4	13.89	17.43	15.85	14.92	-1.581	-2.508	15.61	-8.98	700.2	894	0
4/4/2014 14:30	61464	15	94	4.272	139.8	18.88	5.672	139.8	18.88	6.389	136.9	16.32	17.34	15.95	15.01	-1.383	-2.324	15.35	-9.27	526.1	894	0
4/4/2014 14:45	61465	15	94	4.585	128.8	14.35	6.093	128.8	14.35	6.806	130.1	12.54	17.4	16.09	15.26	-1.313	-2.139	15.21	-9.33	486.9	893	0
4/4/2014 15:00	61466	15	94	5.051	141.7	11.85	6.714	141.7	11.85	7.239	142.1	9.92	17.37	16.11	15.38	-1.26	-1.991	15.23	-9.34	506.6	893	0
4/4/2014 15:15	61467	15	94	4.884	155.6	11.86	6.492	155.6	11.86	7.198	156.9	9.99	17.3	16.12	15.32	-1.184	-1.987	15.17	-9.44	443.7	893	0
4/4/2014 15:30	61468	15	94	4.591	145.5	16.62	6.173	145.5	16.62	7.041	145.6	13.02	17.74	16.44	15.54	-1.304	-2.197	15.21	-9.06	520.4	893	0
4/4/2014 15:45	61469	15	94	4.624	153.3	17.38	6.057	153.3	17.38	6.847	153.9	15.31	17.82	16.67	15.87	-1.144	-1.946	14.71	-9.43	459.5	893	0
4/4/2014 16:00	61470	15	94	4.599	157.2	10.63	6.114	157.2	10.63	6.802	158.1	8.5	17.49	16.55	15.81	-0.938	-1.679	14.66	-9.73	336.4	893	0
4/4/2014 16:15	61471	15	94	4.453	151.9	13.85	5.778	151.9	13.85	6.63	149.4	10.29	17.59	16.73	16.05	-0.857	-1.536	14.66	-9.65	344.3	893	0
4/4/2014 16:30	61472	15	94	4.256	146.5	9.08	5.705	146.5	9.08	6.775	145.9	5.886	17.68	16.94	16.22	-0.741	-1.467	14.44	-9.76	255.9	893	0
4/4/2014 16:45	61473	15	94	4.167	153.7	8.72	5.52	153.7	8.72	6.486	154	6.863	17.43	16.85	16.18	-0.576	-1.244	14.35	-10.04	199.4	892	0
4/4/2014 17:00	61474	15	94	4.449	151.3	12.09	5.978	151.3	12.09	6.798	150.6	9.55	17.3	16.83	16.24	-0.469	-1.055	14.28	-10.21	170.3	892	0
4/4/2014 17:15	61475	15	94	4.097	154.5	9.92	5.639	154.5	9.92	6.641	153.3	8.79	17.23	16.81	16.25	-0.421	-0.978	14.17	-10.37	149.1	892	0
4/4/2014 17:30	61476	15	94	4.345	158	9.45	5.864	158	9.45	6.981	157.3	8.83	16.92	16.66	16.17	-0.262	-0.748	13.91	-10.84	103.4	892	0
4/4/2014 17:45	61477	15	94	4.324	153.8	9.82	6.099	153.8	9.82	7.421	153.5	8.8	16.62	16.49	16.07	-0.127	-0.544	14.15	-10.87	62.96	892	0
4/4/2014 18:00	61478	15	94	4.271	148.5	8.87	6.014	148.5	8.87	7.511	147	6.764	16.3	16.26	15.9	-0.041	-0.398	14.41	-10.9	40.78	892	0
4/4/2014 18:15	61479	15	94	3.489	145.3	8.61	5.181	145.3	8.61	7.08	146.5	7.043	15.8	15.91	15.7	0.114	-0.095	14.91	-10.87	9.57	892	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/4/2014 18:30	61480	15	94	3.2	146	8.5	4.654	146	8.5	6.644	146	5.836	15.45	15.62	15.52	0.168	0.063	15.64	-10.54	1.763	892	0
4/4/2014 18:45	61481	15	94	2.977	139	6.594	4.434	139	6.594	6.833	139.4	3.958	15.02	15.31	15.37	0.293	0.351	16.3	-10.37	0.786	892	0
4/4/2014 19:00	61482	15	94	2.437	134.2	6.591	3.917	134.2	6.591	6.632	135.6	3.366	14.5	14.94	15.24	0.445	0.745	17.07	-10.22	0.679	892	0
4/4/2014 19:15	61483	15	94	1.846	125.9	5.616	3.34	125.9	5.616	6.23	129.3	3.078	13.82	14.52	15.07	0.7	1.253	18	-10.1	0.649	892	0
4/4/2014 19:30	61484	15	94	1.714	123.5	5.039	3.202	123.5	5.039	6.47	126.6	1.893	13.43	14.12	14.93	0.685	1.495	18.62	-9.99	0.738	893	0
4/4/2014 19:45	61485	15	94	1.4	108.3	10.78	2.563	108.3	10.78	5.988	122.5	3.28	12.7	13.46	14.54	0.759	1.839	19.49	-10.02	0.767	893	0
4/4/2014 20:00	61486	15	94	1.367	103.2	9.34	2.823	103.2	9.34	5.211	120.9	4.79	12	12.94	14.07	0.931	2.067	20.97	-9.67	0.609	893	0
4/4/2014 20:15	61487	15	94	1.331	121.5	3.439	2.898	121.5	3.439	6.034	128.1	2.154	12.18	13.14	14.32	0.961	2.141	20.6	-9.75	0.698	893	0
4/4/2014 20:30	61488	15	94	1.483	119.5	5.924	3.029	119.5	5.924	6.8	125	3.077	12.31	13.08	14.5	0.761	2.181	20.33	-9.8	0.73	893	0
4/4/2014 20:45	61489	15	94	1.934	112.1	6.526	3.405	112.1	6.526	7.024	118.2	3.287	12.94	13.42	14.51	0.484	1.574	19.02	-10.14	0.947	893	0
4/4/2014 21:00	61490	15	94	1.94	103.1	5.305	3.306	103.1	5.305	6.337	111.9	2.357	12.9	13.36	14.07	0.459	1.164	18.7	-10.38	0.859	893	0
4/4/2014 21:15	61491	15	94	2.32	109.7	6.342	3.831	109.7	6.342	7.369	117.1	2.235	12.94	13.3	14.15	0.361	1.213	18.43	-10.53	0.933	893	0
4/4/2014 21:30	61492	15	94	2.652	115	7.502	4.214	115	7.502	7.542	120.7	3.768	13.22	13.55	14.13	0.335	0.912	17.91	-10.66	0.989	893	0
4/4/2014 21:45	61493	15	94	2.957	117.2	7.1	4.576	117.2	7.1	7.64	121	4.439	13.43	13.72	14.01	0.293	0.58	17.41	-10.85	0.974	892	0
4/4/2014 22:00	61494	15	94	3.551	114.8	7.447	5.29	114.8	7.447	8.05	117.3	4.588	13.66	13.91	14.03	0.246	0.367	17.09	-10.89	1.006	892	0
4/4/2014 22:15	61495	15	94	3.841	116.2	7.246	5.702	116.2	7.246	8.25	118.7	4.741	13.69	13.95	13.98	0.258	0.289	16.87	-11.02	1.066	892	0
4/4/2014 22:30	61496	15	94	3.773	118.8	6.935	5.766	118.8	6.935	8.32	119.6	4.015	13.45	13.73	13.76	0.284	0.315	17.16	-11.01	0.884	892	0
4/4/2014 22:45	61497	15	94	3.81	118.3	7	5.527	118.3	7	8.06	120.2	4.548	13.34	13.55	13.55	0.207	0.205	17.53	-10.83	1.016	892	0
4/4/2014 23:00	61498	15	94	3.843	118.2	7.54	5.565	118.2	7.54	7.898	121.5	5.252	13.34	13.55	13.49	0.202	0.151	17.89	-10.57	0.941	892	0
4/4/2014 23:15	61499	15	94	4.161	118.5	7.394	6.145	118.5	7.394	8.64	119.9	4.688	13.39	13.58	13.52	0.194	0.132	18.21	-10.31	0.988	892	0
4/4/2014 23:30	61500	15	94	4.056	119.2	7.097	5.821	119.2	7.097	8.32	120.3	4.471	13.24	13.45	13.42	0.208	0.179	18.73	-10.08	0.866	892	0
4/4/2014 23:45	61501	15	94	3.973	117.7	6.992	5.853	117.7	6.992	8.37	119	4.185	13.12	13.32	13.32	0.206	0.2	19.22	-9.85	1.075	892	0
4/5/2014 0:00	61502	15	95	4.292	119.3	6.809	6.2	119.3	6.809	8.74	120.1	4.54	13.14	13.32	13.27	0.174	0.131	19.54	-9.62	0.955	891	0
4/5/2014 0:15	61503	15	95	4.287	117.1	7.37	6.289	117.1	7.37	8.58	119	4.164	13.08	13.25	13.18	0.173	0.095	19.8	-9.51	1.014	891	0
4/5/2014 0:30	61504	15	95	4.027	114.1	7.537	5.788	114.1	7.537	8.41	115.3	4.542	12.98	13.14	13.06	0.159	0.08	20.04	-9.43	1	891	0
4/5/2014 0:45	61505	15	95	4.05	114.3	7.298	5.842	114.3	7.298	8.34	116	4.494	12.83	12.97	12.88	0.144	0.056	20.47	-9.29	0.972	891	0
4/5/2014 1:00	61506	15	95	4.509	116.8	6.814	6.664	116.8	6.814	9.39	117.7	4.513	12.8	12.93	12.84	0.131	0.035	20.65	-9.2	0.975	891	0
4/5/2014 1:15	61507	15	95	4.626	116.7	7.378	6.805	116.7	7.378	9.42	118.1	4.719	12.77	12.88	12.75	0.114	-0.016	20.99	-9.02	0.923	890	0
4/5/2014 1:30	61508	15	95	4.409	111.5	7.64	6.384	111.5	7.64	8.74	114.2	4.424	12.68	12.78	12.6	0.093	-0.079	21.33	-8.89	0.955	890	0
4/5/2014 1:45	61509	15	95	4.266	108.1	7.193	6.197	108.1	7.193	8.73	110.8	4.571	12.5	12.6	12.45	0.092	-0.057	21.76	-8.78	0.947	890	0
4/5/2014 2:00	61510	15	95	4.26	104	7.783	6.289	104	7.783	8.73	108.3	4.971	12.25	12.43	12.33	0.174	0.078	22.21	-8.73	0.998	890	0
4/5/2014 2:15	61511	15	95	4.745	107.1	8.69	6.805	107.1	8.69	9.58	110.3	4.959	12.03	12.23	12.25	0.2	0.223	22.89	-8.54	1.053	890	0
4/5/2014 2:30	61512	15	95	4.935	115.9	7.263	7.119	115.9	7.263	9.77	116.8	4.059	11.79	11.99	11.99	0.205	0.204	23.73	-8.27	1.026	889	0
4/5/2014 2:45	61513	15	95	5.023	118.5	7.058	7.337	118.5	7.058	10.26	119.4	4.249	11.57	11.76	11.79	0.187	0.216	24.78	-7.905	1.027	889	0
4/5/2014 3:00	61514	15	95	4.633	121.2	6.988	6.803	121.2	6.988	9.73	121.5	4.125	11.4	11.59	11.62	0.198	0.227	26.04	-7.411	0.971	889	0
4/5/2014 3:15	61515	15	95	4.338	117.5	7.03	6.444	117.5	7.03	9.34	119.1	4.427	11.16	11.4	11.43	0.238	0.276	27.27	-7.017	0.999	889	0
4/5/2014 3:30	61516	15	95	4.059	121.4	8.57	6.11	121.4	8.57	8.97	122.3	5.395	11.05	11.3	11.32	0.251	0.271	28.22	-6.665	0.974	889	0
4/5/2014 3:45	61517	15	95	4.58	116.5	7.861	6.71	116.5	7.861	9.87	119.1	5.308	11.05	11.29	11.36	0.244	0.31	29.08	-6.273	1.153	889	0
4/5/2014 4:00	61518	15	95	4.619	119.8	7.791	6.635	119.8	7.791	9.34	120.6	4.88	11.05	11.27	11.23	0.223	0.176	30.07	-5.835	1.125	889	0
4/5/2014 4:15	61519	15	95	4.229	119.8	7.328	6.381	119.8	7.328	8.98	120.5	4.537	10.73	10.99	10.99	0.263	0.263	31.12	-5.664	0.944	889	0
4/5/2014 4:30	61520	15	95	4.28	119.5	7.056	6.328	119.5	7.056	9.17	120.1	4.251	10.48	10.73	10.77	0.253	0.286	32.24	-5.415	0.999	889	0
4/5/2014 4:45	61521	15	95	4.435	117.8	7.445	6.472	117.8	7.445	9.15	118.4	4.599	10.32	10.57	10.58	0.249	0.26	32.87	-5.306	0.964	889	0
4/5/2014 5:00	61522	15	95	4.511	119	7.566	6.708	119	7.566	9.52	118.8	4.753	10.15	10.4	10.4	0.248	0.251	33.44	-5.226	1.023	889	0
4/5/2014 5:15	61523	15	95	4.961	119.2	6.8	7.253	119.2	6.8	10.27	119.5	4.547	10.14	10.36	10.37	0.216	0.226	34.01	-5.012	1.004	888	0
4/5/2014 5:30	61524	15	95	4.874	121.5	7.379	7.137	121.5	7.379	9.92	121.3	4.592	10.05	10.27	10.26	0.217	0.21	34.79	-4.794	1.143	889	0
4/5/2014 5:45	61525	15	95	4.983	121.1	7.21	7.356	121.1	7.21	10.11	121.8	4.329	9.92	10.12	10.12	0.201	0.206	35.75	-4.549	2.654	888	0
4/5/2014 6:00	61526	15	95	4.371	122.9	7.741	6.463	122.9	7.741	9.36	123	4.509	9.81	10.03	10.03	0.22	0.213	36.64	-4.315	10.9	889	0
4/5/2014 6:15	61527	15	95	3.776	130.5	8.86	5.391	130.5	8.86	8.01	128.5	5.518	9.88	10.05	9.98	0.161	0.092	37.37	-3.989	38.42	889	0
4/5/2014 6:30	61528	15	95	3.471	139.4	9.86	5.014	139.4	9.86	7.272	133.9	6.941	10.34	10.32	10.1	-0.023	-0.248	37.62	-3.489	116.2	889	0
4/5/2014 6:45	61529	15	95	3.197	144.7	13.49	4.337	144.7	13.49	5.711	140.8	10.19	11.07	10.86	10.45	-0.212	-0.627	37.09	-3.03	179.2	890	0
4/5/2014 7:00	61530	15	95	3.508	140.7	13.17	4.83	140.7	13.17	5.334	139.7	9.15	11.58	11.18	10.67	-0.401	-0.91	36.24	-2.893	236.1	890	0
4/5/2014 7:15	61531	15	95	4.513	137.4	9.1	6.248	137.4	9.1	7.424	136.3	7.155	12.14	11.6	11	-0.54	-1.145	34.89	-2.901	303.3	890	0
4/5/2014 7:30	61532	15	95	6.145	137.7	7.883	8.41	137.7	7.883	9.63	137.6	6.172	12.51	11.91	11.25	-0.605	-1.261	33.63	-3.066	364.6	889	0
4/5/2014 7:45	61533	15	95	6.622	135.4	8.54	9.47	135.4	8.54	11.28	134.9	5.953	12.98	12.27	11.51	-0.705	-1.464	31.96	-3.345	424.5	889	0
4/5/2014 8:00	61534	15	95	7.173	139.4	9.88	10.1	139.4	9.88	12.08	138.9	7.001	13.57	12.78	11.94	-0.798	-1.632	29.72	-3.793	482.8	889	0
4/5/2014 8:15	61535	15	95	7.408	134.4	8.37	10.23	134.4	8.37	12.33	134.6	4.993	13.99	13.13	12.18	-0.86	-1.803	27.83	-4.313	540.5	889	0
4/5/2014 8:30	61536	15	95	7.186	136.9	8.96	9.83	136.9	8.96	11.84	136.6	5.406	14.5	13.53	12.48	-0.971	-2.015	26.36	-4.59	594.4	889	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/5/2014 8:45	61537	15	95	6.962	135.8	8.86	9.79	135.8	8.86	11.38	137.5	6.351	14.92	13.8	12.82	-1.124	-2.1	25.44	-4.699	644.6	889	0
4/5/2014 9:00	61538	15	95	6.995	142.3	10.25	9.67	142.3	10.25	11.17	140.7	7.541	15.59	14.39	13.42	-1.204	-2.169	24.06	-4.87	689.6	889	0
4/5/2014 9:15	61539	15	95	7.328	149.4	11.57	9.92	149.4	11.57	11.43	147.7	7.71	15.76	14.5	13.46	-1.259	-2.308	24.35	-4.566	734.8	889	0
4/5/2014 9:30	61540	15	95	7.015	139.3	10.52	9.71	139.3	10.52	11.05	140	7.476	16.2	14.79	13.7	-1.408	-2.502	24.36	-4.187	778.1	889	0
4/5/2014 9:45	61541	15	95	6.905	146.2	9.94	9.52	146.2	9.94	11.07	144.9	7.567	16.35	14.89	13.72	-1.462	-2.627	24.41	-4.031	816	889	0
4/5/2014 10:00	61542	15	95	7.374	141.2	11.9	10.02	141.2	11.9	11.14	140.6	8.86	16.53	14.95	13.84	-1.584	-2.697	24.54	-3.807	851	889	0
4/5/2014 10:15	61543	15	95	6.758	135.4	10.88	9.23	135.4	10.88	10.46	135.5	9.11	17.13	15.54	14.38	-1.593	-2.752	24.17	-3.502	883	889	0
4/5/2014 10:30	61544	15	95	6.349	141.2	11.29	8.57	141.2	11.29	9.81	142.6	8.94	17.7	16	14.83	-1.702	-2.865	24.11	-3.054	910	889	0
4/5/2014 10:45	61545	15	95	6.352	146.3	11.66	8.38	146.3	11.66	9.53	146.6	10.29	18.1	16.38	15.15	-1.724	-2.95	24.07	-2.738	934	888	0
4/5/2014 11:00	61546	15	95	6.493	144.4	13.02	8.69	144.4	13.02	9.55	145.5	8.94	18.15	16.32	15.26	-1.836	-2.893	24.49	-2.458	956	888	0
4/5/2014 11:15	61547	15	95	6.139	156	11.78	8.08	156	11.78	8.79	153.6	9.69	18.64	16.84	15.8	-1.801	-2.847	23.93	-2.356	911	888	0
4/5/2014 11:30	61548	15	95	5.833	143.4	10.16	7.827	143.4	10.16	8.82	143.9	7.298	19.31	17.33	16.23	-1.982	-3.084	23.71	-1.916	998	888	0
4/5/2014 11:45	61549	15	95	5.674	156.6	15.53	7.469	156.6	15.53	8.34	153.6	14.7	20.17	18.21	17.08	-1.964	-3.088	22.64	-1.818	998	887	0
4/5/2014 12:00	61550	15	95	5.433	156.3	13.14	7.072	156.3	13.14	7.846	154.9	11.3	20.38	18.41	17.4	-1.967	-2.978	22.36	-1.813	1004	887	0
4/5/2014 12:15	61551	15	95	4.866	161.4	17.3	6.251	161.4	17.3	6.896	163.7	18.42	21	19.05	18.05	-1.948	-2.949	21.25	-1.99	1007	887	0
4/5/2014 12:30	61552	15	95	4.637	166.9	18.99	5.93	166.9	18.99	6.628	170.2	18.94	20.93	19	18.07	-1.925	-2.858	21.08	-2.157	1002	886	0
4/5/2014 12:45	61553	15	95	5.235	163.6	15.19	6.657	163.6	15.19	7.291	161.9	14.22	21.34	19.47	18.38	-1.867	-2.964	20.52	-2.174	997	886	0
4/5/2014 13:00	61554	15	95	4.061	153	18.17	5.006	153	18.17	5.812	153.3	16.22	21.72	19.93	18.79	-1.796	-2.926	20.17	-2.097	985	886	0
4/5/2014 13:15	61555	15	95	4.79	159.3	19.43	6.309	159.3	19.43	7.074	158.5	16.37	22.34	20.39	19.3	-1.953	-3.041	19.29	-2.188	983	885	0
4/5/2014 13:30	61556	15	95	4.885	190.6	14.28	6.132	190.6	14.28	6.643	190	13.33	22.52	20.64	19.54	-1.872	-2.975	18.37	-2.705	1001	885	0
4/5/2014 13:45	61557	15	95	3.619	164.5	20.98	4.539	164.5	20.98	4.998	164.1	19.97	22.2	20.61	19.66	-1.589	-2.536	19.06	-2.472	979	885	0
4/5/2014 14:00	61558	15	95	4.459	140.6	14.79	5.742	140.6	14.79	6.604	144.4	12.57	22.39	20.65	19.68	-1.743	-2.707	18.8	-2.492	767.8	885	0
4/5/2014 14:15	61559	15	95	4.445	160.3	16.59	5.718	160.3	16.59	6.371	158.7	14.87	22.73	20.97	19.97	-1.765	-2.763	18.23	-2.626	792.5	885	0
4/5/2014 14:30	61560	15	95	4.531	161.9	23.52	5.627	161.9	23.52	6.289	161.6	20.02	22.61	20.97	20	-1.642	-2.615	18.3	-2.677	759.5	884	0
4/5/2014 14:45	61561	15	95	4.499	167.2	14.28	5.744	167.2	14.28	6.108	171.4	13.72	22.83	21.28	20.48	-1.547	-2.348	17.7	-2.948	632.4	884	0
4/5/2014 15:00	61562	15	95	3.797	177.5	21.41	4.74	177.5	21.41	5.105	179.8	19	22.32	21.3	20.48	-1.027	-1.846	18.01	-3.134	429.3	884	0
4/5/2014 15:15	61563	15	95	2.675	210.7	16.92	3.306	210.7	16.92	3.713	211.4	13.86	21.73	20.93	20.32	-0.794	-1.404	18.21	-3.466	281.3	884	0
4/5/2014 15:30	61564	15	95	2.239	208.9	24.16	2.698	208.9	24.16	3.237	200.6	17.52	21.8	21.19	20.65	-0.608	-1.149	18.31	-3.328	215.3	884	0
4/5/2014 15:45	61565	15	95	2.679	210.1	20.35	3.449	210.1	20.35	4.166	209.1	13.58	22.25	21.54	20.86	-0.705	-1.391	17.96	-3.224	274.8	884	0
4/5/2014 16:00	61566	15	95	4.937	185.5	32.39	6.593	185.5	32.39	7.82	184	25.98	22.19	21.3	20.47	-0.895	-1.728	19.21	-2.371	365.7	884	0
4/5/2014 16:15	61567	15	95	4.893	168.8	12.83	6.463	168.8	12.83	7.33	168.9	9.63	21.81	20.98	20.2	-0.828	-1.609	20.07	-2.085	283.9	884	0
4/5/2014 16:30	61568	15	95	3.271	167.7	12.89	4.239	167.7	12.89	4.525	168.1	11.33	21.79	21.13	20.49	-0.662	-1.301	19.57	-2.446	237.6	884	0
4/5/2014 16:45	61569	15	95	2.961	155.6	14.05	3.824	155.6	14.05	4.535	152.9	11.2	21.47	20.94	20.34	-0.529	-1.136	19.56	-2.716	157.9	884	0
4/5/2014 17:00	61570	15	95	2.98	141.8	8.88	4.073	141.8	8.88	4.659	142.4	7.52	21.4	20.99	20.44	-0.419	-0.967	19.72	-2.662	120.4	884	0
4/5/2014 17:15	61571	15	95	2.953	137	8.38	4.029	137	8.38	4.63	137.5	5.985	21.36	21.05	20.53	-0.309	-0.829	19.68	-2.722	91.6	884	0
4/5/2014 17:30	61572	15	95	2.873	132.8	8.3	4.065	132.8	8.3	4.661	133.7	6.254	21.24	21.07	20.62	-0.171	-0.62	19.72	-2.794	53.23	884	0
4/5/2014 17:45	61573	15	95	2.284	125.7	7.995	3.297	125.7	7.995	4.108	127.2	5.716	21.2	21.13	20.75	-0.072	-0.45	19.5	-2.984	45.8	884	0
4/5/2014 18:00	61574	15	95	1.324	134.7	14.56	2.273	134.7	14.56	3.06	138.3	13.72	21.04	21.12	20.85	0.083	-0.193	19.17	-3.344	35.56	884	0
4/5/2014 18:15	61575	15	95	2.355	133.4	10.88	3.529	133.4	10.88	4.84	133.1	8.46	20.41	20.53	20.24	0.117	-0.173	21.14	-2.562	12.29	884	0
4/5/2014 18:30	61576	15	95	2.893	149.3	8.93	4.264	149.3	8.93	5.288	147.5	7.119	19.77	20.01	19.79	0.239	0.022	23.12	-1.873	2.552	884	0
4/5/2014 18:45	61577	15	95	1.892	140.8	9.44	3.26	140.8	9.44	4.32	137.9	5.976	18.95	19.56	19.57	0.609	0.624	24.45	-1.806	0.558	885	0
4/5/2014 19:00	61578	15	95	1.363	147.6	11.55	2.516	147.6	11.55	4.9	141.4	5.084	18.41	18.84	19.07	0.429	0.665	25.66	-1.611	0.553	885	0
4/5/2014 19:15	61579	15	95	0.918	169.4	12.47	1.97	169.4	12.47	4.065	157.1	7.336	17.64	18.34	18.82	0.696	1.182	27.3	-1.423	0.557	885	0
4/5/2014 19:30	61580	15	95	1.881	173.2	7.911	3.098	173.2	7.911	3.496	167.3	8.95	16.97	18.47	18.63	1.492	1.652	28.82	-1.261	0.526	885	0
4/5/2014 19:45	61581	15	95	2.484	146	12.4	3.68	146	12.4	4.751	139.2	13.52	17.83	18.3	18.28	0.465	0.441	27.55	-1.131	0.859	886	0
4/5/2014 20:00	61582	15	95	3.125	148	8.82	4.609	148	8.82	5.921	144.4	7.197	17.88	18.06	17.91	0.185	0.036	28.19	-0.779	0.879	886	0
4/5/2014 20:15	61583	15	95	3.242	148.8	11.64	4.707	148.8	11.64	6.766	147.6	7.618	17.74	17.84	17.67	0.099	-0.072	29.29	-0.371	0.817	886	0
4/5/2014 20:30	61584	15	95	3.805	138.8	6.862	5.51	138.8	6.862	6.644	139.8	5.874	17.53	17.68	17.44	0.142	-0.093	29.88	-0.28	0.82	886	0
4/5/2014 20:45	61585	15	95	4.076	146.5	10.49	5.781	146.5	10.49	6.893	148.4	9.06	17.19	17.33	17.1	0.138	-0.09	31.11	-0.023	0.816	887	0
4/5/2014 21:00	61586	15	95	2.813	155.8	10.55	4.104	155.8	10.55	5.167	153.9	8.27	16.73	16.95	16.72	0.217	-0.011	32.66	0.24	0.638	887	0
4/5/2014 21:15	61587	15	95	3.391	167.4	11.16	4.999	167.4	11.16	6.708	161.3	10.33	16.42	16.57	16.42	0.151	-0.005	34.08	0.561	0.859	887	0
4/5/2014 21:30	61588	15	95	3.444	153	8.51	5.098	153	8.51	6.731	152.6	6.735	16.21	16.34	16.14	0.135	-0.064	34.95	0.719	0.815	887	0
4/5/2014 21:45	61589	15	95	3.923	162.5	9.19	5.567	162.5	9.19	7.047	159.5	6.46	15.96	16.05	15.82	0.1	-0.133	36.13	0.958	0.951	887	0
4/5/2014 22:00	61590	15	95	3.925	167.5	7.099	5.5	167.5	7.099	6.812	164.3	5.107	15.73	15.8	15.54	0.072	-0.182	37.04	1.102	0.834	887	0
4/5/2014 22:15	61591	15	95	3.927	161.9	7.655	5.688	161.9	7.655	7.183	162.9	6.069	15.44	15.5	15.24	0.061	-0.202	37.93	1.177	0.841	887	0
4/5/2014 22:30	61592	15	95	4.365	165.7	7.361	6.021	165.7	7.361	7.785	165.5	4.932	15.21	15.24	14.97	0.026	-0.244	38.71	1.252	0.774	887	0
4/5/2014 22:45	61593	15	95	4.033	162.5	7.288	5.666	162.5	7.288	6.875	161.8	5.237	14.94	14.99	14.72	0.056	-0.213	39.49	1.286	0.866	887	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/5/2014 23:00	61594	15	95	3.662	157.1	7.3	5.303	157.1	7.3	6.61	158.3	5.367	14.65	14.71	14.46	0.067	-0.186	40.32	1.314	0.752	887	0
4/5/2014 23:15	61595	15	95	3.087	155.4	9.15	4.368	155.4	9.15	5.89	157.1	6.632	14.33	14.39	14.14	0.061	-0.183	41.23	1.338	0.729	887	0
4/5/2014 23:30	61596	15	95	2.917	154.9	9.81	4.123	154.9	9.81	5.426	154.8	7.133	14.1	14.17	13.92	0.072	-0.185	41.96	1.376	0.694	887	0
4/5/2014 23:45	61597	15	95	2.175	166.7	11.69	3.2	166.7	11.69	4.706	165.6	8.6	13.74	13.88	13.69	0.135	-0.052	43.07	1.419	0.644	888	0
4/6/2014 0:00	61598	15	96	0.846	224.6	46.15	1.072	224.6	46.15	1.796	190.5	22.91	13.57	13.64	13.41	0.064	-0.161	43.61	1.436	0.404	888	0
4/6/2014 0:15	61599	15	96	1.073	114.6	36.46	1.452	114.6	36.46	1.985	134.5	27.86	13.06	13.59	13.38	0.529	0.322	44.98	1.398	0.421	888	0
4/6/2014 0:30	61600	15	96	1.269	134.1	31.99	2.243	134.1	31.99	2.974	142.1	21.03	12.57	13.5	13.41	0.924	0.836	46.71	1.483	0.463	888	0
4/6/2014 0:45	61601	15	96	0.998	202.7	15.86	1.667	202.7	15.86	2.711	184.9	8.31	12.82	13.26	13.28	0.441	0.467	46.44	1.627	0.528	888	0
4/6/2014 1:00	61602	15	96	0.705	191.7	14.33	1.004	191.7	14.33	2.01	189.1	8.19	12.42	13.16	13.19	0.742	0.766	47.19	1.488	0.436	888	0
4/6/2014 1:15	61603	15	96	0.832	142.7	37.79	0.793	142.7	37.79	1.541	182.1	28.01	11.54	12.98	13.1	1.437	1.558	49.34	1.295	0.313	888	0
4/6/2014 1:30	61604	15	96	0.765	107.5	30.88	0.871	107.5	30.88	1.258	143.5	24.42	10.97	13.11	13.09	2.145	2.118	50.45	1.082	0.344	887	0
4/6/2014 1:45	61605	15	96	0.833	200.2	43.53	1.12	200.2	43.53	1.683	197.2	28.88	10.54	13.11	13.04	2.566	2.495	52.08	1.129	0.314	887	0
4/6/2014 2:00	61606	15	96	0.806	222.7	44.63	1.493	222.7	44.63	2.281	210.1	28.93	10.32	12.74	12.96	2.418	2.643	52.59	1.058	0.433	887	0
4/6/2014 2:15	61607	15	96	0.487	232.8	21.77	1.444	232.8	21.77	2.298	223.5	12.93	10.48	12.73	12.87	2.252	2.393	52.58	1.205	0.451	887	0
4/6/2014 2:30	61608	15	96	0.833	282	23.77	0.939	282	23.77	1.694	251.6	13.26	9.56	12.35	12.78	2.793	3.22	53.69	0.639	0.416	887	0
4/6/2014 2:45	61609	15	96	1.075	165.8	52.81	0.875	165.8	52.81	1.279	225.9	21.46	9.32	12.45	12.8	3.13	3.483	55.59	0.896	0.41	887	0
4/6/2014 3:00	61610	15	96	0.615	235.2	23.56	0.795	235.2	23.56	2.887	251.2	5.587	8.99	12.02	12.78	3.027	3.795	55.97	0.681	0.517	887	0
4/6/2014 3:15	61611	15	96	0.504	240.3	20.94	1.472	240.3	20.94	3.355	251.5	9.87	8.74	12.02	12.59	3.28	3.854	56.37	0.545	0.431	887	0
4/6/2014 3:30	61612	15	96	0.677	253.6	33.16	1.269	253.6	33.16	2.792	259.4	9.83	9.07	11.76	12.36	2.691	3.289	55.94	0.746	0.537	887	0
4/6/2014 3:45	61613	15	96	0.778	182.7	69.66	0.476	182.7	69.66	2.133	260.7	7.525	8.22	11.41	12.4	3.191	4.187	58.39	0.539	0.32	887	0
4/6/2014 4:00	61614	15	96	0.732	270.5	23.02	1.093	270.5	23.02	2.884	264.3	7.861	7.357	11.41	12.54	4.052	5.178	59.76	0.046	0.443	887	0
4/6/2014 4:15	61615	15	96	1.142	221.9	51.84	1.357	221.9	51.84	3.256	268.1	8.13	6.13	10.89	12.09	4.759	5.959	63.83	-0.204	0.423	887	0
4/6/2014 4:30	61616	15	96	1.255	259.6	19.06	2.391	259.6	19.06	3.522	269.3	15.91	7.476	10.52	10.85	3.049	3.375	59.98	0.211	0.591	887	0
4/6/2014 4:45	61617	15	96	1.114	306.2	17.14	2.118	306.2	17.14	4.324	327.1	15.7	8.91	9.63	10.83	0.725	1.921	52.02	-0.415	0.946	887	0
4/6/2014 5:00	61618	15	96	0.606	20.21	36.16	1.017	20.21	36.16	4.14	342.1	11.47	7.701	8.26	10.32	0.562	2.623	53.74	-1.086	0.55	887	0
4/6/2014 5:15	61619	15	96	1.545	20.9	14.33	2.957	20.9	14.33	4.521	4.056	12.7	6.604	8.27	9.87	1.664	3.266	58.57	-0.939	0.567	887	0
4/6/2014 5:30	61620	15	96	2.034	66.72	10.44	3.497	66.72	10.44	4.756	51.87	9.38	7.367	8.27	9.4	0.898	2.029	60.5	0.232	1.06	887	0
4/6/2014 5:45	61621	15	96	0.797	30.83	20.26	1.622	30.83	20.26	3.984	21.28	5.77	6.353	7.876	9.76	1.523	3.411	63.44	-0.075	3.315	887	0
4/6/2014 6:00	61622	15	96	0.656	16.32	16.28	1.159	16.32	16.28	2.096	20.28	11.04	6.098	8.61	10.04	2.511	3.944	64.55	-0.079	18.05	887	0
4/6/2014 6:15	61623	15	96	0.683	322.3	10.5	1.228	322.3	10.5	0.758	331.5	51.96	5.967	8.91	10.04	2.942	4.068	64.3	-0.257	46.14	887	0
4/6/2014 6:30	61624	15	96	0.762	3.543	51.92	0.621	3.543	51.92	0.682	105.3	94.9	7.415	8.79	9.83	1.378	2.418	61.59	0.508	83.4	887	0
4/6/2014 6:45	61625	15	96	0.828	358.9	38.32	1.171	358.9	38.32	0.896	354.3	51.51	8.86	8.89	9.48	0.032	0.62	55.76	0.503	101	888	0
4/6/2014 7:00	61626	15	96	1.438	22.81	15.41	1.924	22.81	15.41	1.736	38.2	16.19	9.66	9.31	9.22	-0.345	-0.443	53.35	0.64	176.4	888	0
4/6/2014 7:15	61627	15	96	0.817	45.42	29.63	0.981	45.42	29.63	1.099	67.09	30.62	10.06	9.76	9.32	-0.307	-0.745	52.87	0.891	193.4	888	0
4/6/2014 7:30	61628	15	96	1.167	72.89	24.34	1.443	72.89	24.34	1.406	80.8	23.45	10.65	10.23	9.74	-0.417	-0.905	52.32	1.288	341.4	887	0
4/6/2014 7:45	61629	15	96	0.839	72.82	31.48	0.984	72.82	31.48	0.985	82.1	23.74	11.55	11.13	10.65	-0.423	-0.902	50	1.492	408.6	887	0
4/6/2014 8:00	61630	15	96	0.996	123.7	91.9	1.098	123.7	91.9	1.199	65.17	47.23	12.48	12.13	11.58	-0.351	-0.904	46.65	1.376	472.1	888	0
4/6/2014 8:15	61631	15	96	2.234	355.1	22.05	2.907	355.1	22.05	3.267	1.196	19.48	13.84	13.09	12.35	-0.753	-1.488	40.41	0.608	564.5	888	0
4/6/2014 8:30	61632	15	96	2.729	340.5	15.42	3.517	340.5	15.42	3.934	345.9	13.04	14.51	13.62	12.88	-0.896	-1.634	37.07	0.026	626.9	888	0
4/6/2014 8:45	61633	15	96	3.516	330.6	13.45	4.584	330.6	13.45	5.07	335.9	12.89	15.17	14.08	13.36	-1.092	-1.804	34.26	-0.474	690.1	888	0
4/6/2014 9:00	61634	15	96	3.457	341.1	18.62	4.402	341.1	18.62	5.051	340.6	13.34	15.68	14.58	13.57	-1.1	-2.104	32.72	-0.659	641.7	888	0
4/6/2014 9:15	61635	15	96	3.608	344.2	19.04	4.792	344.2	19.04	5.125	343.2	15.51	16.03	14.79	14.01	-1.242	-2.025	30.68	-1.227	725.6	887	0
4/6/2014 9:30	61636	15	96	3.695	330.5	16.46	4.626	330.5	16.46	5.287	332.1	13.04	16.39	15.17	14.18	-1.215	-2.213	29.66	-1.377	789.3	887	0
4/6/2014 9:45	61637	15	96	3.795	332.6	18.68	4.631	332.6	18.68	5.245	337.5	16.72	16.64	15.51	14.61	-1.125	-2.03	29.11	-1.422	829	887	0
4/6/2014 10:00	61638	15	96	4.172	319.5	18.76	5.141	319.5	18.76	5.297	319	11.82	17.28	15.9	15.03	-1.382	-2.243	25.18	-2.862	865	887	0
4/6/2014 10:15	61639	15	96	3.665	314	15.24	4.217	314	15.24	4.547	315.3	13.05	17.81	16.63	15.8	-1.183	-2.013	22.72	-3.759	895	887	0
4/6/2014 10:30	61640	15	96	3.702	306.7	24.87	4.374	306.7	24.87	4.726	311	16.19	18.35	16.97	16.17	-1.38	-2.178	20.28	-4.822	925	887	0
4/6/2014 10:45	61641	15	96	3.06	324.6	26.67	3.606	324.6	26.67	3.952	323	19.95	18.64	17.31	16.53	-1.332	-2.107	19.29	-5.236	950	887	0
4/6/2014 11:00	61642	15	96	3.304	320.7	21.94	3.708	320.7	21.94	4.066	319.7	19.06	18.87	17.69	16.96	-1.179	-1.91	19.31	-5.029	971	887	0
4/6/2014 11:15	61643	15	96	3.519	309.9	19.82	3.935	309.9	19.82	4.026	313	16.43	19.35	18.04	17.11	-1.315	-2.247	18.04	-5.533	989	886	0
4/6/2014 11:30	61644	15	96	3.668	301.3	23.34	4.136	301.3	23.34	4.337	302.1	21.29	19.69	18.46	17.53	-1.228	-2.164	17.29	-5.82	1010	886	0
4/6/2014 11:45	61645	15	96	3.267	286.6	39.3	3.903	286.6	39.3	4.074	293.5	29.88	20.02	18.74	17.75	-1.276	-2.27	16.8	-5.944	1098	886	0
4/6/2014 12:00	61646	15	96	4.4	260.6	29.35	5.642	260.6	29.35	6.203	266.2	27.31	20.72	18.88	17.83	-1.844	-2.891	15.08	-6.77	1089	886	0
4/6/2014 12:15	61647	15	96	2.301	324.1	61.77	2.526	324.1	61.77	2.816	325.2	46.96	19.55	18.57	17.88	-0.979	-1.666	16.23	-6.758	792.4	885	0
4/6/2014 12:30	61648	15	96	3.769	318	26.52	4.022	318	26.52	4.003	313.4	16.96	20.37	19.15	18.16	-1.219	-2.212	14.64	-7.449	988	885	0
4/6/2014 12:45	61649	15	96	4.275	286.9	26.37	5.34	286.9	26.37	6.215	287.6	23.04	21.06	19.76	18.71	-1.298	-2.351	13.75	-7.702	1044	885	0
4/6/2014 13:00	61650	15	96	4.751	272.8	16.02	6.202	272.8	16.02	6.901	276.2	12.28	20.79	19.42	18.43	-1.363	-2.355	13.38	-8.27	566.9	885	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/6/2014 13:15	61651	15	96	7.779	311.4	11.08	9.19	311.4	11.08	9.8	313.9	9.28	18.56	17.87	17.08	-0.69	-1.484	17.3	-6.763	94.5	885	0
4/6/2014 13:30	61652	15	96	7.263	306.4	21.59	9.54	306.4	21.59	11.69	306	21.52	17.28	16.76	16.1	-0.527	-1.179	19.86	-5.995	86.6	886	0
4/6/2014 13:45	61653	15	96	6.527	271.6	9.28	9.96	271.6	9.28	12.1	273.6	7.198	16.67	16.22	15.64	-0.449	-1.031	22.18	-5.04	106.5	886	0
4/6/2014 14:00	61654	15	96	4.882	276.2	19.95	6.62	276.2	19.95	7.457	276.7	20.72	17.59	16.99	16.42	-0.598	-1.165	19.79	-5.782	231.7	886	0
4/6/2014 14:15	61655	15	96	5.177	313.3	26.39	6.719	313.3	26.39	7.85	312.9	26.32	18.21	17.13	16.18	-1.074	-2.022	21.47	-4.247	618.7	886	0
4/6/2014 14:30	61656	15	96	6.931	345.8	14.02	10.01	345.8	14.02	11.61	345	10.47	17.08	16.03	15.12	-1.049	-1.962	26.04	-2.55	467.5	886	0
4/6/2014 14:45	61657	15	96	4.816	358	14.01	6.672	358	14.01	7.717	359.1	14.5	17	16.09	15.15	-0.911	-1.858	26.12	-2.567	366.5	886	0
4/6/2014 15:00	61658	15	96	3.63	348.6	14.72	5.025	348.6	14.72	5.777	348	11.01	16.92	15.96	15.16	-0.954	-1.75	26.41	-2.494	404.5	886	0
4/6/2014 15:15	61659	15	96	2.763	340.8	20.29	3.595	340.8	20.29	3.99	338.9	16.79	18.14	16.99	16.14	-1.153	-2	22.82	-3.439	749.2	885	0
4/6/2014 15:30	61660	15	96	3.566	309.5	27.41	4.25	309.5	27.41	4.2	309.5	18.25	18.66	17.71	16.98	-0.947	-1.678	19.63	-4.986	656.6	885	0
4/6/2014 15:45	61661	15	96	3.4	297.6	22.32	4.16	297.6	22.32	4.489	299.7	19.85	18.99	18.17	17.37	-0.817	-1.621	19.52	-4.79	494	885	0
4/6/2014 16:00	61662	15	96	3.991	275.2	10.62	5.834	275.2	10.62	6.695	275.5	9.24	19.35	18.31	17.53	-1.037	-1.823	18.51	-5.202	433.2	885	0
4/6/2014 16:15	61663	15	96	4.271	273.4	12.61	6.23	273.4	12.61	7.294	274.8	10.23	19.48	18.51	17.74	-0.973	-1.745	17.28	-5.999	422.8	885	0
4/6/2014 16:30	61664	15	96	4.537	271.8	12.85	6.703	271.8	12.85	7.828	273.9	8.97	19.32	18.54	17.8	-0.78	-1.519	16.75	-6.533	285.8	885	0
4/6/2014 16:45	61665	15	96	4.327	268.4	11.79	6.267	268.4	11.79	7.263	269.8	9.07	19.18	18.48	17.78	-0.697	-1.4	17.18	-6.314	274.5	885	0
4/6/2014 17:00	61666	15	96	3.536	268.1	9.69	5.547	268.1	9.69	6.58	269.9	8.56	18.53	18.28	17.8	-0.248	-0.724	17.4	-6.678	84	885	0
4/6/2014 17:15	61667	15	96	4.003	266.9	9.2	6.113	266.9	9.2	7.115	268.7	6.973	18.85	18.49	17.98	-0.362	-0.871	16.04	-7.478	192	885	0
4/6/2014 17:30	61668	15	96	3.903	276.7	9.51	5.759	276.7	9.51	6.534	280.5	8.87	19.31	18.78	18.22	-0.524	-1.082	15.92	-7.204	236.5	885	0
4/6/2014 17:45	61669	15	96	5.467	302.3	10.09	6.023	302.3	10.09	6.236	304.8	7.678	18.84	18.61	18.11	-0.236	-0.726	15.65	-7.805	110.6	886	0
4/6/2014 18:00	61670	15	96	5.107	297.4	7.74	5.735	297.4	7.74	7.233	297.4	5.26	18.16	18.09	17.72	-0.07	-0.443	16.9	-7.357	51.28	886	0
4/6/2014 18:15	61671	15	96	4.173	293.5	9.09	5.246	293.5	9.09	7.396	293.7	5.944	17.66	17.71	17.47	0.057	-0.19	17.69	-7.179	15.58	886	0
4/6/2014 18:30	61672	15	96	3.057	283	6.718	4.872	283	6.718	7.085	286.5	3.863	17.03	17.25	17.2	0.218	0.167	18.91	-6.826	3.046	886	0
4/6/2014 18:45	61673	15	96	1.678	289.8	7.062	2.658	289.8	7.062	4.024	297.9	6.794	16.02	16.61	16.88	0.591	0.857	20.26	-6.764	0.521	886	0
4/6/2014 19:00	61674	15	96	1.389	310.6	8.33	2.267	310.6	8.33	2.918	308	3.71	14.67	15.71	16.4	1.034	1.727	21.56	-7.09	0.379	886	0
4/6/2014 19:15	61675	15	96	1.265	336.9	6.47	2.904	336.9	6.47	4.851	325.9	4.011	12.84	15.65	16.47	2.813	3.629	24.05	-7.217	0.36	886	0
4/6/2014 19:30	61676	15	96	1.222	326.5	9.13	3.273	326.5	9.13	4.03	318.3	4.18	11.95	15.94	16.81	3.993	4.861	25.75	-7.08	0.453	886	0
4/6/2014 19:45	61677	15	96	1.43	319.4	6.701	3.218	319.4	6.701	3.267	314	6.198	11.5	15.99	16.95	4.489	5.45	26.92	-6.891	0.419	887	0
4/6/2014 20:00	61678	15	96	1.559	343.1	8.7	3.573	343.1	8.7	4.681	325.6	5.326	11.99	15.88	17.13	3.889	5.139	26.83	-6.515	0.604	887	0
4/6/2014 20:15	61679	15	96	1.456	358.6	8.7	3.509	358.6	8.7	5.086	334.5	4.853	10.63	15.34	17.05	4.716	6.421	28.84	-6.754	0.516	887	0
4/6/2014 20:30	61680	15	96	1.146	4.945	8.34	3.827	4.945	8.34	6.048	335.4	3.676	9.56	14.03	17.21	4.475	7.658	31.09	-6.704	0.59	887	0
4/6/2014 20:45	61681	15	96	1.608	20.68	6.994	4.009	20.68	6.994	6.504	353.4	13.97	10.15	12.49	16.07	2.346	5.919	30.45	-6.458	0.781	887	0
4/6/2014 21:00	61682	15	96	1.423	31.65	2.506	3.512	31.65	2.506	7.062	4.596	11.27	9.7	12.32	15.38	2.619	5.687	31.23	-6.522	0.686	888	0
4/6/2014 21:15	61683	15	96	1.616	35.73	3.145	3.79	35.73	3.145	6.574	13.59	5.1	10.19	12.94	15.3	2.753	5.107	31.21	-6.101	0.821	888	0
4/6/2014 21:30	61684	15	96	1.006	45.47	10.32	2.035	45.47	10.32	5.272	21.91	5.004	9.23	12.72	14.37	3.488	5.141	32.62	-6.367	0.677	888	0
4/6/2014 21:45	61685	15	96	1.467	22.78	5.823	3.544	22.78	5.823	6.925	11.76	4.038	8.06	12.47	14.07	4.411	6.013	35.31	-6.366	0.643	888	0
4/6/2014 22:00	61686	15	96	1.475	32.61	7.621	3.337	32.61	7.621	5.856	17.91	2.933	8.15	12.02	14.09	3.873	5.943	35.88	-6.079	0.636	888	0
4/6/2014 22:15	61687	15	96	1.426	49.52	4.877	3.444	49.52	4.877	5.501	12.3	7.071	7.657	12.21	14.82	4.552	7.16	37.91	-5.793	0.666	888	0
4/6/2014 22:30	61688	15	96	0.575	78.82	6.716	2.598	78.82	6.716	2.51	350.4	14.03	7.921	12.48	15.95	4.561	8.03	38.66	-5.296	0.579	888	0
4/6/2014 22:45	61689	15	96	1.437	70.45	6.548	3.609	70.45	6.548	2.415	356.4	15.03	7.325	11.71	15.98	4.382	8.65	40.87	-5.108	0.433	888	0
4/6/2014 23:00	61690	15	96	2.504	42.37	4.22	5.086	42.37	4.22	7.305	31.71	6.713	8.47	10.1	14.58	1.634	6.11	40.02	-4.353	1.048	888	0
4/6/2014 23:15	61691	15	96	1.623	57.65	5.475	3.853	57.65	5.475	6.197	46.6	5.811	8.17	10.98	14.37	2.803	6.193	41.31	-4.193	0.815	888	0
4/6/2014 23:30	61692	15	96	1.66	57.87	3.425	3.958	57.87	3.425	6.042	40.15	2.257	7.333	11.36	14.53	4.026	7.202	43.9	-4.148	0.675	888	0
4/6/2014 23:45	61693	15	96	1.481	52.32	2.161	3.766	52.32	2.161	5.845	33.89	2.881	7.254	11.32	14.33	4.063	7.071	44.95	-3.904	0.755	888	0
4/7/2014 0:00	61694	15	97	1.428	54.93	4.235	3.199	54.93	4.235	4.845	23.59	3.161	7.144	11.46	14.65	4.313	7.502	45.79	-3.758	0.704	888	0
4/7/2014 0:15	61695	15	97	1.101	47.81	19.52	2.841	47.81	19.52	4.633	19.68	1.588	7.629	11.28	14.32	3.651	6.692	45.3	-3.458	0.822	888	0
4/7/2014 0:30	61696	15	97	2.215	257.8	16.55	3.063	257.8	16.55	2.912	286.3	53.48	9.13	9.65	11.39	0.517	2.257	40.54	-3.59	1.05	888	0
4/7/2014 0:45	61697	15	97	1.92	341.6	15.96	3.421	341.6	15.96	4.737	345.4	12.86	8.61	8.99	11.32	0.377	2.713	41.69	-3.678	0.722	889	0
4/7/2014 1:00	61698	15	97	1.233	0.819	9.96	3.089	0.819	9.96	4.284	3.504	8.09	7.398	9.54	11.81	2.141	4.412	44.36	-3.95	0.522	889	0
4/7/2014 1:15	61699	15	97	1.015	4.576	10.22	2.894	4.576	10.22	4.018	15.2	5.415	7.485	9.61	11.24	2.12	3.759	45.23	-3.609	0.615	889	0
4/7/2014 1:30	61700	15	97	0.895	18.54	15.26	2.234	18.54	15.26	4.297	37.04	9.09	8.01	9.29	10.79	1.284	2.785	44.36	-3.394	0.753	889	0
4/7/2014 1:45	61701	15	97	0.811	39.01	12.17	1.824	39.01	12.17	4.109	49.16	5.549	7.668	9.33	10.51	1.66	2.843	45.05	-3.496	0.567	889	0
4/7/2014 2:00	61702	15	97	0.877	21.29	33.65	1.813	21.29	33.65	4.173	41.25	3.684	7.665	9.25	10.3	1.586	2.633	45.83	-3.268	0.62	889	0
4/7/2014 2:15	61703	15	97	1.267	309.5	11.78	1.591	309.5	11.78	2.563	23.78	7.209	8.31	9.21	10.03	0.893	1.713	45.81	-2.682	0.584	889	0
4/7/2014 2:30	61704	15	97	1.303	339.7	10.86	3.107	339.7	10.86	3.479	11.72	3.261	7.586	8.94	9.96	1.357	2.377	46.2	-3.234	0.608	889	0
4/7/2014 2:45	61705	15	97	0.868	344.4	5.335	2.58	344.4	5.335	3.626	6.062	6.84	7.773	9.05	9.75	1.273	1.978	47.41	-2.716	0.64	890	0
4/7/2014 3:00	61706	15	97	0.821	345.2	9.33	2.006	345.2	9.33	3.072	6.898	8.88	7.235	8.87	9.66	1.638	2.428	48.58	-2.884	0.412	890	0
4/7/2014 3:15	61707	15	97	1.198	0.715	5.007	2.834	0.715	5.007	3.553	12.84	4.855	5.961	9.28	9.65	3.323	3.692	52.26	-3.08	0.385	890	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/7/2014 3:30	61708	15	97	1.208	30.44	16.44	1.973	30.44	16.44	2.98	31.43	12.38	5.479	9.23	9.53	3.751	4.051	55.82	-2.643	0.432	890	0
4/7/2014 3:45	61709	15	97	0.662	342.3	24.12	1.634	342.3	24.12	2.666	354.5	16.95	4.568	8.6	9.31	4.028	4.737	57.3	-3.144	0.434	890	0
4/7/2014 4:00	61710	15	97	1.131	318.6	10.91	2.896	318.6	10.91	4.511	322.8	2.759	4.616	7.602	8.86	2.987	4.245	57.56	-3.039	0.583	890	0
4/7/2014 4:15	61711	15	97	1.164	325.5	6.145	3.17	325.5	6.145	4.411	327.2	4.434	5.178	6.968	8.49	1.79	3.317	57.9	-2.43	0.711	890	0
4/7/2014 4:30	61712	15	97	0.484	325	5.177	2.288	325	5.177	3.877	335.3	4.453	4.339	6.658	8.61	2.319	4.271	59.83	-2.781	0.523	890	0
4/7/2014 4:45	61713	15	97	0.93	313.6	4.422	2.622	313.6	4.422	4.315	335	6.741	3.937	6.28	7.897	2.343	3.959	62.01	-2.677	0.63	891	0
4/7/2014 5:00	61714	15	97	1.652	335.2	5.417	3.628	335.2	5.417	4.116	348.9	7.244	4.714	7.025	7.382	2.311	2.668	65.04	-1.293	0.743	891	0
4/7/2014 5:15	61715	15	97	1.323	342.3	2.628	2.579	342.3	2.628	3.624	358.5	9.85	4.691	7.027	7.119	2.336	2.428	65.61	-1.196	0.559	891	0
4/7/2014 5:30	61716	15	97	1.195	344.8	8.19	2.467	344.8	8.19	3.979	358.5	9.84	3.845	6.823	7.164	2.978	3.32	68.14	-1.488	0.794	891	0
4/7/2014 5:45	61717	15	97	1.195	333.7	3.641	2.714	333.7	3.641	3.548	349.4	9.07	3.738	6.834	7.098	3.096	3.36	69.61	-1.3	5.614	891	0
4/7/2014 6:00	61718	15	97	0.792	332.7	4.405	2.424	332.7	4.405	3.25	337.4	6.065	3.867	6.763	6.817	2.896	2.95	69.84	-1.131	34.31	891	0
4/7/2014 6:15	61719	15	97	0.638	325.6	3.373	1.62	325.6	3.373	2.412	328.1	5.132	4.011	6.602	6.573	2.592	2.562	68.85	-1.19	80.4	892	0
4/7/2014 6:30	61720	15	97	0.48	287.8	29.68	0.951	287.8	29.68	1.248	318.6	10.33	5.993	6.608	6.588	0.615	0.595	65.51	0.023	137	892	0
4/7/2014 6:45	61721	15	97	1.287	278.5	21.46	1.586	278.5	21.46	1.859	303.8	22.4	7.26	6.952	6.653	-0.308	-0.606	62.75	0.635	195.5	892	0
4/7/2014 7:00	61722	15	97	2.247	339.1	15.98	3.01	339.1	15.98	3.987	345.9	12.31	7.787	7.32	6.804	-0.467	-0.983	61.03	0.749	255.5	892	0
4/7/2014 7:15	61723	15	97	3.385	348.4	14.3	4.611	348.4	14.3	5.442	348.5	10.6	9.15	8.6	8.01	-0.55	-1.141	58.17	1.365	296	893	0
4/7/2014 7:30	61724	15	97	3.551	345.9	12.28	5.055	345.9	12.28	5.96	348.9	11.63	10.17	9.74	9.18	-0.428	-0.987	55.15	1.576	261.8	893	0
4/7/2014 7:45	61725	15	97	4.528	345.7	13.9	6.351	345.7	13.9	7.281	348.4	10.53	11.39	10.64	9.89	-0.748	-1.493	50.17	1.385	453	893	0
4/7/2014 8:00	61726	15	97	4.3	352.5	13.63	5.937	352.5	13.63	6.391	351.1	8.36	11.91	11.02	10.17	-0.892	-1.738	47.86	1.216	502	893	0
4/7/2014 8:15	61727	15	97	3.86	343.2	11.84	5.209	343.2	11.84	5.774	344.7	10.81	12.08	11.02	10.23	-1.051	-1.845	46.93	1.091	566.4	893	0
4/7/2014 8:30	61728	15	97	3.339	336.6	14.38	4.38	336.6	14.38	4.625	343	10.96	12.29	11.28	10.5	-1.014	-1.795	47	1.312	602.6	893	0
4/7/2014 8:45	61729	15	97	3.196	340	20.26	4.081	340	20.26	4.766	343.1	16.08	13.17	12.17	11.42	-1.001	-1.753	44.48	1.342	687.8	893	0
4/7/2014 9:00	61730	15	97	4.261	341.2	15.34	5.848	341.2	15.34	6.643	344	12.74	14.37	13.23	12.34	-1.138	-2.034	40.64	1.169	695.6	893	0
4/7/2014 9:15	61731	15	97	5.123	347.8	15.73	6.934	347.8	15.73	7.939	349.6	12.9	15.23	14.04	13.11	-1.188	-2.123	36.97	0.625	747.2	893	0
4/7/2014 9:30	61732	15	97	5.36	346.7	15.6	7.274	346.7	15.6	8.44	350.5	14	16.09	14.83	13.77	-1.252	-2.312	32.63	-0.342	786.9	893	0
4/7/2014 9:45	61733	15	97	5.082	351.8	14.04	6.991	351.8	14.04	8.2	353.2	12.93	16.42	15.16	14.13	-1.259	-2.287	30.44	-0.999	690	894	0
4/7/2014 10:00	61734	15	97	5.406	0.515	15.77	7.685	0.515	15.77	9.43	359.6	13.7	16.11	15.3	14.46	-0.805	-1.645	29.97	-1.479	319.2	894	0
4/7/2014 10:15	61735	15	97	5.62	351.2	15.21	7.688	351.2	15.21	8.7	351.8	13.61	16.72	15.49	14.62	-1.233	-2.105	29.35	-1.243	813	894	0
4/7/2014 10:30	61736	15	97	4.861	352.9	18.72	6.604	352.9	18.72	7.812	355	15.65	16.74	15.75	14.77	-0.99	-1.972	28.33	-1.7	542.9	894	0
4/7/2014 10:45	61737	15	97	4.985	6.569	16.08	6.932	6.569	16.08	8	7.912	14.04	17.38	16.1	15.03	-1.284	-2.356	26.33	-2.134	635	894	0
4/7/2014 11:00	61738	15	97	4.905	356.2	20.17	6.645	356.2	20.17	7.862	359	15.42	17.17	16.01	15	-1.159	-2.173	25.69	-2.653	584.4	894	0
4/7/2014 11:15	61739	15	97	4.806	19.3	14.3	6.77	19.3	14.3	7.883	19.72	10.73	16.78	15.74	14.85	-1.044	-1.938	26.1	-2.775	512.4	894	0
4/7/2014 11:30	61740	15	97	4.685	12.99	17.18	6.353	12.99	17.18	7.307	13.74	14.47	17.04	15.91	15.02	-1.13	-2.018	24.66	-3.312	730.6	894	0
4/7/2014 11:45	61741	15	97	4.685	356.6	15.93	6.625	356.6	15.93	7.804	357.6	13.05	17.3	16.1	15.12	-1.199	-2.174	23.31	-3.848	474	894	0
4/7/2014 12:00	61742	15	97	5.445	359.2	23.43	7.692	359.2	23.43	8.66	0.941	20.12	16.89	15.98	15.17	-0.911	-1.723	23.89	-3.86	423.5	894	0
4/7/2014 12:15	61743	15	97	4.917	26.39	14.27	6.689	26.39	14.27	7.689	25.46	14.26	17.41	16.08	15.09	-1.328	-2.326	23.58	-3.6	837	894	0
4/7/2014 12:30	61744	15	97	4.388	25.79	22.97	5.908	25.79	22.97	6.883	23.97	16.11	18.31	16.75	15.66	-1.564	-2.655	21.46	-4.098	1062	894	0
4/7/2014 12:45	61745	15	97	3.509	10.04	25.08	4.556	10.04	25.08	5.339	9.7	19.2	18.24	16.87	15.91	-1.371	-2.325	21.04	-4.427	926	894	0
4/7/2014 13:00	61746	15	97	4.135	9.05	24.9	5.469	9.05	24.9	6.211	6.931	19.75	18.74	17.31	16.35	-1.423	-2.385	19.15	-5.271	930	894	0
4/7/2014 13:15	61747	15	97	3.861	355.4	19.25	5.077	355.4	19.25	5.776	351.8	17.03	19.95	18.17	17.05	-1.783	-2.903	16.94	-5.875	1140	893	0
4/7/2014 13:30	61748	15	97	4.933	13.14	16.58	6.946	13.14	16.58	8.4	12.12	17.57	18.76	17.52	16.49	-1.238	-2.264	18.46	-5.769	389.3	893	0
4/7/2014 13:45	61749	15	97	6.382	0.672	26.02	9.08	0.672	26.02	10.78	356.5	23.64	15.94	15.64	15.12	-0.304	-0.827	28.04	-2.967	77.89	894	0
4/7/2014 14:00	61750	15	97	6.012	359.1	30.86	8.63	359.1	30.86	10.6	359.3	29.21	14.47	14.03	13.5	-0.442	-0.969	42.06	1.717	540.6	895	0
4/7/2014 14:15	61751	15	97	6.042	25.42	10.68	8.6	25.42	10.68	9.84	25.42	8.76	16.16	14.68	13.52	-1.487	-2.645	33.57	0.122	955	895	0
4/7/2014 14:30	61752	15	97	4.543	34.09	11.12	6.253	34.09	11.12	7.067	32.66	9.54	16.58	15.1	14.12	-1.483	-2.464	30.56	-0.813	826	895	0
4/7/2014 14:45	61753	15	97	3.973	22.94	16.74	5.411	22.94	16.74	6.004	23.2	14.5	16.9	15.44	14.49	-1.462	-2.407	28.73	-1.367	792.9	894	0
4/7/2014 15:00	61754	15	97	4.092	15.97	15.36	5.468	15.97	15.36	6.051	16.57	13.29	17.2	15.84	15.03	-1.36	-2.173	27.22	-1.846	740.9	894	0
4/7/2014 15:15	61755	15	97	3.503	10.48	16.51	4.685	10.48	16.51	5.388	9.35	15.12	17.62	16.45	15.49	-1.17	-2.132	24.7	-2.796	696.2	894	0
4/7/2014 15:30	61756	15	97	3.692	2.132	15.25	4.993	2.132	15.25	5.579	1.612	13.93	17.75	16.56	15.69	-1.194	-2.062	24.37	-2.864	645.5	894	0
4/7/2014 15:45	61757	15	97	2.506	2.918	20.05	3.31	2.918	20.05	4.022	0.28	17.01	17.74	16.8	16.05	-0.944	-1.688	23.97	-3.098	593.8	894	0
4/7/2014 16:00	61758	15	97	3.952	353.7	17.27	5.399	353.7	17.27	6.2	356.2	16.32	18.52	17.41	16.59	-1.108	-1.927	21.42	-3.951	535.4	894	0
4/7/2014 16:15	61759	15	97	3.774	344.4	16.31	5.053	344.4	16.31	5.655	349.1	16.89	18.74	17.81	16.98	-0.938	-1.76	20.29	-4.489	490.8	894	0
4/7/2014 16:30	61760	15	97	4.896	3.96	34.87	6.788	3.96	34.87	7.953	5.735	34.31	18.55	17.62	16.71	-0.931	-1.839	20.2	-4.752	402.6	894	0
4/7/2014 16:45	61761	15	97	5.845	60.93	7.779	7.96	60.93	7.779	9.01	61	5.97	17.41	16.62	15.84	-0.791	-1.571	24.42	-3.143	239.5	894	0
4/7/2014 17:00	61762	15	97	4.859	71.09	7.43	6.866	71.09	7.43	8.03	69.94	4.419	16.29	15.78	15.13	-0.512	-1.161	28.14	-2.174	119.9	895	0
4/7/2014 17:15	61763	15	97	3.844	78.9	7.529	5.228	78.9	7.529	6.094	77.33	4.58	15.69	15.37	14.9	-0.315	-0.786	30.25	-1.728	92.4	895	0
4/7/2014 17:30	61764	15	97	4.284	80.1	8.17	5.706	80.1	8.17	6.267	79.37	5.669	16.1	15.7	15.16	-0.399	-0.937	29.61	-1.651	145.5	895	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/7/2014 17:45	61765	15	97	3.281	77.85	9.8	4.386	77.85	9.8	4.878	78.05	5.981	16.19	15.87	15.36	-0.316	-0.832	28.69	-2.002	113.7	895	0
4/7/2014 18:00	61766	15	97	2.812	76.53	6.768	3.881	76.53	6.768	4.513	77.67	4.712	15.95	15.84	15.45	-0.109	-0.507	29	-2.059	60.56	895	0
4/7/2014 18:15	61767	15	97	2.292	78.75	4.784	3.672	78.75	4.784	4.503	75.74	4.347	15.26	15.6	15.49	0.345	0.234	30.04	-2.188	21.93	895	0
4/7/2014 18:30	61768	15	97	1.768	86.7	1.971	3.56	86.7	1.971	4.317	84.1	3.595	13.82	15.28	15.37	1.466	1.55	32.51	-2.379	3.895	895	0
4/7/2014 18:45	61769	15	97	1.438	88	4.867	3.319	88	4.867	4.739	74.96	6.651	12.48	14.73	15.47	2.248	2.984	34.93	-2.593	0.622	896	0
4/7/2014 19:00	61770	15	97	1.498	74.11	4.629	3.299	74.11	4.629	5.162	65.97	4.735	10.74	13.41	15.44	2.674	4.697	38.28	-2.908	0.475	896	0
4/7/2014 19:15	61771	15	97	1.656	67.47	4.964	3.466	67.47	4.964	6.068	56.8	3.999	10.17	12.66	15.5	2.49	5.326	39.94	-2.842	0.631	896	0
4/7/2014 19:30	61772	15	97	1.451	73.73	3.651	3.629	73.73	3.651	7.283	57	1.758	10.09	11.91	15.38	1.825	5.287	38.34	-3.466	0.774	896	0
4/7/2014 19:45	61773	15	97	2.028	72.43	3.456	4.186	72.43	3.456	8.49	65.12	6.75	10.38	12.01	14.86	1.627	4.478	32.71	-5.339	0.98	896	0
4/7/2014 20:00	61774	15	97	2.119	75.28	5.172	3.914	75.28	5.172	7.822	78.18	1.942	11.28	12.48	14.16	1.198	2.88	29.34	-5.96	1.152	897	0
4/7/2014 20:15	61775	15	97	2.333	73	4.459	4.512	73	4.459	8.36	78.18	1.563	11.09	12.46	14.57	1.371	3.475	32.72	-4.692	0.984	897	0
4/7/2014 20:30	61776	15	97	2.263	92.2	9.71	4.262	92.2	9.71	7.609	95.7	11.04	11.06	12.18	13.67	1.116	2.607	36.04	-3.426	1.082	897	0
4/7/2014 20:45	61777	15	97	2.208	109.3	7.248	4.046	109.3	7.248	6.729	115.9	3.785	10.59	11.4	13.18	0.815	2.589	39.58	-2.597	0.762	897	0
4/7/2014 21:00	61778	15	97	2.256	106.6	4.795	4.193	106.6	4.795	6.596	111.3	2.179	9.78	10.59	13.36	0.81	3.582	42.92	-2.228	0.773	897	0
4/7/2014 21:15	61779	15	97	2.208	97.8	5.021	4.055	97.8	5.021	7.599	107.2	2.339	9.14	9.9	13.09	0.761	3.948	46.52	-1.714	0.784	897	0
4/7/2014 21:30	61780	15	97	2.409	95.9	5.895	4.247	95.9	5.895	7.922	100.6	2.45	9.34	10.02	12.77	0.686	3.429	47.71	-1.189	0.929	898	0
4/7/2014 21:45	61781	15	97	2.393	93.7	5.667	4.179	93.7	5.667	8.3	97.7	1.242	9.26	9.9	12.51	0.638	3.252	49.5	-0.763	0.919	898	0
4/7/2014 22:00	61782	15	97	2.165	103.1	6.29	3.922	103.1	6.29	8.14	106	2.514	9.12	9.85	12.45	0.724	3.329	50.21	-0.689	0.987	898	0
4/7/2014 22:15	61783	15	97	1.637	113.9	7.556	3.396	113.9	7.556	7.117	113.9	4.06	8.5	9.52	12	1.026	3.503	51.55	-0.911	0.766	898	0
4/7/2014 22:30	61784	15	97	1.184	127.5	5.7	2.832	127.5	5.7	6.008	126.6	2.762	7.313	8.5	11.27	1.191	3.953	54.77	-1.188	0.594	899	0
4/7/2014 22:45	61785	15	97	1.547	120.1	2.309	3.798	120.1	2.309	6.318	125.1	0.793	6.478	8.59	11.65	2.113	5.169	57.78	-1.237	0.609	899	0
4/7/2014 23:00	61786	15	97	1.405	121.5	4.112	3.515	121.5	4.112	6.37	127.1	2.791	6.852	8.61	12.25	1.761	5.401	56.93	-1.088	0.792	899	0
4/7/2014 23:15	61787	15	97	1.115	122.8	3.297	3.226	122.8	3.297	5.605	129.7	2.276	6.269	9.06	12.47	2.788	6.199	57.36	-1.534	0.611	899	0
4/7/2014 23:30	61788	15	97	0.896	107.4	9.68	2.578	107.4	9.68	4.761	131.2	1.552	5.049	8.48	12.36	3.434	7.311	60.21	-2.025	0.498	899	0
4/7/2014 23:45	61789	15	97	1.257	109.6	6.503	2.895	109.6	6.503	4.347	131	3.472	4.097	8.38	12.36	4.281	8.27	62.38	-2.444	0.361	899	0
4/8/2014 0:00	61790	15	98	1.053	110.7	3.239	2.792	110.7	3.239	3.793	129.3	2.091	3.744	8.95	12.26	5.207	8.52	63.72	-2.493	0.483	900	0
4/8/2014 0:15	61791	15	98	1.082	108.4	5.972	2.502	108.4	5.972	3.868	125.1	3.652	3.96	7.911	12.07	3.951	8.11	63.28	-2.381	0.492	900	0
4/8/2014 0:30	61792	15	98	1.164	110.3	4.064	2.301	110.3	4.064	3.332	131.8	4	3.906	7.856	12	3.95	8.09	63.24	-2.443	0.547	900	0
4/8/2014 0:45	61793	15	98	1.221	112.3	2.502	2.896	112.3	2.502	3.102	130.6	1.778	3.206	9.74	11.92	6.534	8.71	63.65	-3.019	0.476	900	0
4/8/2014 1:00	61794	15	98	0.929	114.5	2.033	3.122	114.5	2.033	3.057	130.8	2.364	3.315	10.17	11.77	6.852	8.45	63.6	-2.926	0.408	900	0
4/8/2014 1:15	61795	15	98	0.787	121.5	4.454	2.966	121.5	4.454	2.846	130.1	2.742	3.819	10.3	11.59	6.483	7.774	62.23	-2.742	0.604	900	0
4/8/2014 1:30	61796	15	98	0.787	124.5	2.165	3.219	124.5	2.165	2.877	129.6	3.314	4.121	10.11	11.5	5.989	7.379	60.65	-2.801	0.67	900	0
4/8/2014 1:45	61797	15	98	1.314	105.1	9.59	3.409	105.1	9.59	2.825	110.8	7.77	3.304	9.45	11.36	6.146	8.05	62.26	-3.226	0.59	900	0
4/8/2014 2:00	61798	15	98	1.542	79.9	22.05	3.085	79.9	22.05	2.569	99.2	3.817	3.759	7.306	11.07	3.547	7.314	62.17	-2.812	0.544	900	0
4/8/2014 2:15	61799	15	98	1.644	55.69	8.16	3.572	55.69	8.16	2.594	88.6	5.531	3.193	6.13	10.65	2.937	7.456	62.35	-3.31	0.558	900	0
4/8/2014 2:30	61800	15	98	1.698	55.64	1.682	4.042	55.64	1.682	2.691	74.92	2.426	2.993	5.813	10.92	2.82	7.928	63.96	-3.156	0.473	900	0
4/8/2014 2:45	61801	15	98	1.667	58.78	3.733	3.906	58.78	3.733	3.07	75.22	1.353	2.871	5.685	10.7	2.813	7.832	64.34	-3.193	0.573	900	0
4/8/2014 3:00	61802	15	98	1.732	61.19	2.54	4.217	61.19	2.54	3.83	67.7	2.651	3.168	6.206	10.45	3.038	7.278	63.96	-2.99	0.687	900	0
4/8/2014 3:15	61803	15	98	1.682	62.57	3.327	4.031	62.57	3.327	4.352	68.54	4.741	3.304	6.244	10.27	2.939	6.97	62.83	-3.1	0.657	900	0
4/8/2014 3:30	61804	15	98	1.487	70.91	2.531	4.109	70.91	2.531	4.841	71.27	1.816	3.486	7.188	9.86	3.702	6.375	62.86	-2.922	0.76	900	0
4/8/2014 3:45	61805	15	98	1.468	72.08	2.389	3.769	72.08	2.389	5.304	70.49	1.378	3.328	6.185	9.33	2.857	6	63.35	-2.968	0.728	900	0
4/8/2014 4:00	61806	15	98	1.523	73.39	2.04	3.901	73.39	2.04	6.121	70.67	0.746	3.221	6.609	9.53	3.388	6.307	63.9	-2.952	0.746	900	0
4/8/2014 4:15	61807	15	98	1.474	75.11	2.616	3.428	75.11	2.616	6.618	74.39	1.295	2.126	5.21	10.18	3.085	8.06	67.42	-3.28	0.731	900	0
4/8/2014 4:30	61808	15	98	1.603	71.35	2.058	3.773	71.35	2.058	6.646	78.17	2.385	2.116	5.418	10.54	3.302	8.43	69.2	-2.937	0.752	900	0
4/8/2014 4:45	61809	15	98	2.006	73.43	2.079	4.597	73.43	2.079	6.648	85.6	1.89	3.737	6.559	10.89	2.822	7.152	64.51	-2.35	1.089	900	0
4/8/2014 5:00	61810	15	98	2.147	79.71	3.835	4.847	79.71	3.835	6.686	87.7	0.59	4.695	7.079	11	2.383	6.308	58.66	-2.712	1.172	900	0
4/8/2014 5:15	61811	15	98	2.091	83.7	3.718	4.53	83.7	3.718	6.325	88.3	0.923	5.363	7.157	11	1.794	5.64	54.2	-3.148	1.033	901	0
4/8/2014 5:30	61812	15	98	1.373	87.2	3.771	3.524	87.2	3.771	5.768	90.3	0.568	5.29	7.103	10.94	1.813	5.651	52.12	-3.738	1.288	901	0
4/8/2014 5:45	61813	15	98	0.441	93.8	8.59	1.751	93.8	8.59	5.733	91.8	0.97	3.462	5.798	10.8	2.335	7.337	57.97	-4.037	6.899	901	0
4/8/2014 6:00	61814	15	98	0.795	91.1	8.19	1.736	91.1	8.19	5.686	94.3	0.853	3.921	5.932	10.86	2.011	6.938	56.89	-3.846	39.35	901	0
4/8/2014 6:15	61815	15	98	1.012	93.8	4.665	2.81	93.8	4.665	5.761	93.5	1.114	5.631	7.374	10.9	1.743	5.271	52.09	-3.476	89.2	901	0
4/8/2014 6:30	61816	15	98	1.524	92.6	6.091	2.721	92.6	6.091	5.91	93.3	0.778	8.1	8.36	10.91	0.252	2.801	43	-3.73	146.6	901	0
4/8/2014 6:45	61817	15	98	1.152	102.5	15.85	1.729	102.5	15.85	4.221	98.2	6.334	9.87	9.72	10.16	-0.147	0.296	37.61	-3.933	207.3	901	0
4/8/2014 7:00	61818	15	98	1.993	252.8	37.92	2.351	252.8	37.92	1.055	177.5	83.8	9.28	8.91	9.92	-0.367	0.635	39.14	-3.953	267.6	902	0
4/8/2014 7:15	61819	15	98	2.336	250.7	7.085	2.749	250.7	7.085	2.27	258	7.912	8.88	8.33	8.27	-0.551	-0.609	42.09	-3.303	328.9	902	0
4/8/2014 7:30	61820	15	98	2.225	253.8	9.28	2.664	253.8	9.28	2.811	258.7	6.815	9.38	8.74	8.16	-0.647	-1.226	41.19	-3.138	388.8	902	0
4/8/2014 7:45	61821	15	98	2.337	259.5	10.44	3.04	259.5	10.44	3.143	256.9	9.39	9.72	8.93	8.28	-0.794	-1.445	40.77	-2.97	444.6	902	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/8/2014 8:00	61822	15	98	1.39	239.1	19.65	1.736	239.1	19.65	1.819	234.2	21.2	10.47	9.82	9.26	-0.656	-1.218	37.6	-3.388	505.3	902	0
4/8/2014 8:15	61823	15	98	2.338	235.9	17.32	2.848	235.9	17.32	2.867	231.3	14.08	11.65	10.8	10.11	-0.851	-1.541	34.23	-3.591	564.6	902	0
4/8/2014 8:30	61824	15	98	1.859	258.6	19.05	2.337	258.6	19.05	2.386	253.1	14.88	11.91	11.22	10.55	-0.689	-1.36	32.49	-4.059	618.9	902	0
4/8/2014 8:45	61825	15	98	1.874	243.4	24.11	2.284	243.4	24.11	2.428	240.5	15.18	12.83	12.03	11.33	-0.796	-1.497	30.72	-4.005	669.6	902	0
4/8/2014 9:00	61826	15	98	2.582	242.8	22.99	3.289	242.8	22.99	3.256	241.5	13.42	13.73	12.62	11.9	-1.116	-1.837	28.95	-4.008	715.2	902	0
4/8/2014 9:15	61827	15	98	2.969	226.8	18.62	3.501	226.8	18.62	3.691	231.8	16.63	13.99	12.9	12.08	-1.085	-1.909	28.4	-4.04	758.1	902	0
4/8/2014 9:30	61828	15	98	3.65	230.5	13.03	4.391	230.5	13.03	4.888	227.1	11.95	14.54	13.41	12.5	-1.132	-2.035	28.48	-3.529	801	902	0
4/8/2014 9:45	61829	15	98	3.61	213.1	22.82	4.465	213.1	22.82	5.154	213.8	20.5	15.6	14.19	13.17	-1.408	-2.423	25.77	-3.965	839	902	0
4/8/2014 10:00	61830	15	98	3.672	213.8	19.2	4.647	213.8	19.2	5.284	213.9	13.03	16.34	14.81	13.86	-1.526	-2.48	24.07	-4.231	876	902	0
4/8/2014 10:15	61831	15	98	3.994	215.5	14.83	4.854	215.5	14.83	5.432	213.2	12.76	16.44	15.04	14.1	-1.397	-2.337	23.68	-4.359	909	902	0
4/8/2014 10:30	61832	15	98	3.676	213.6	22.47	4.554	213.6	22.47	5.29	212.8	17.4	17.11	15.69	14.58	-1.42	-2.535	22.82	-4.293	939	902	0
4/8/2014 10:45	61833	15	98	3.792	214.2	19.63	4.569	214.2	19.63	4.959	216.1	14.91	17.52	15.91	14.96	-1.614	-2.564	21.84	-4.525	963	902	0
4/8/2014 11:00	61834	15	98	3.669	213.4	19.56	4.53	213.4	19.56	5.394	213.2	16.35	17.99	16.45	15.4	-1.543	-2.588	21.42	-4.399	982	902	0
4/8/2014 11:15	61835	15	98	3.671	206.4	24.25	4.441	206.4	24.25	4.815	212.2	21.07	18.2	16.59	15.63	-1.615	-2.568	20.87	-4.557	1003	902	0
4/8/2014 11:30	61836	15	98	3.984	219.2	20.97	4.845	219.2	20.97	5.284	221.8	17.89	18.5	16.83	15.86	-1.672	-2.642	20.47	-4.562	1015	901	0
4/8/2014 11:45	61837	15	98	3.665	244.8	20.31	4.608	244.8	20.31	5.084	246	16.63	18.58	17.04	16.2	-1.544	-2.387	20.44	-4.517	1024	901	0
4/8/2014 12:00	61838	15	98	3.429	226.2	26.7	4.214	226.2	26.7	4.568	226.3	22.67	19.08	17.56	16.51	-1.518	-2.568	19.64	-4.633	1031	901	0
4/8/2014 12:15	61839	15	98	3.196	204.9	25.32	3.851	204.9	25.32	4.196	207.3	15.71	19.19	17.85	16.91	-1.347	-2.284	19.37	-4.724	1032	901	0
4/8/2014 12:30	61840	15	98	3.111	211.1	28.2	3.71	211.1	28.2	4.28	214.4	20.17	19.96	18.42	17.39	-1.535	-2.566	18.55	-4.669	1024	901	0
4/8/2014 12:45	61841	15	98	2.487	196.2	57.58	2.879	196.2	57.58	3.364	200.9	27.25	20	18.73	17.97	-1.273	-2.032	18.08	-4.969	1017	900	0
4/8/2014 13:00	61842	15	98	3.467	242	26.93	4.3	242	26.93	4.643	240.4	21.83	20.7	19.26	18.37	-1.447	-2.329	17.24	-5.028	1004	900	0
4/8/2014 13:15	61843	15	98	2.486	220.5	39.71	3.01	220.5	39.71	3.28	222.8	32.05	20.88	19.68	18.72	-1.2	-2.158	16.77	-5.251	989	900	0
4/8/2014 13:30	61844	15	98	2.776	187.3	46.47	3.278	187.3	46.47	3.609	188.2	32.83	21.16	19.93	18.93	-1.233	-2.232	15.85	-5.77	963	899	0
4/8/2014 13:45	61845	15	98	3.141	166.7	42.59	3.801	166.7	42.59	4.314	177.8	32.24	21.58	20.13	19.28	-1.45	-2.301	15.15	-6.028	932	899	0
4/8/2014 14:00	61846	15	98	2.868	163.9	33.13	3.362	163.9	33.13	3.33	178.1	21.68	21.76	20.52	19.63	-1.238	-2.123	14.69	-6.29	901	899	0
4/8/2014 14:15	61847	15	98	2.988	224.5	29.39	3.658	224.5	29.39	3.929	222.7	27.5	22.04	20.71	19.95	-1.331	-2.083	13.61	-7.059	869	899	0
4/8/2014 14:30	61848	15	98	2.247	215.4	41.74	2.778	215.4	41.74	3.19	207.6	27.27	21.95	20.9	20.15	-1.052	-1.801	13.34	-7.393	831	899	0
4/8/2014 14:45	61849	15	98	1.89	195.6	53.37	2.27	195.6	53.37	2.539	190	40.99	22.62	21.64	20.73	-0.98	-1.888	13.43	-6.77	793.4	898	0
4/8/2014 15:00	61850	15	98	2.413	201.2	38.46	2.872	201.2	38.46	3.135	203.5	32.86	22.61	21.52	20.7	-1.094	-1.913	12.63	-7.576	748.8	898	0
4/8/2014 15:15	61851	15	98	2.408	227.6	39.16	2.749	227.6	39.16	3.127	223.3	46.49	22.68	21.84	21	-0.839	-1.682	11.86	-8.33	700.2	898	0
4/8/2014 15:30	61852	15	98	2.963	219.2	35.02	3.652	219.2	35.02	4.024	221.9	32.25	23.18	22.05	21.24	-1.132	-1.94	11.79	-8.02	646.5	898	0
4/8/2014 15:45	61853	15	98	2.481	264.7	20.11	3.129	264.7	20.11	3.479	256.1	13.36	23.19	22.18	21.39	-1.008	-1.797	11.03	-8.88	595.8	898	0
4/8/2014 16:00	61854	15	98	2.397	249.1	32.98	2.744	249.1	32.98	2.733	241.5	24.11	22.91	22.07	21.43	-0.84	-1.474	10.64	-9.55	537.9	898	0
4/8/2014 16:15	61855	15	98	1.328	248.6	39.93	1.406	248.6	39.93	1.307	234.6	34.53	22.82	22.36	21.7	-0.456	-1.116	10.86	-9.35	486.1	898	0
4/8/2014 16:30	61856	15	98	1.387	113.1	98.8	1.56	113.1	98.8	1.388	196.2	71.56	23.08	22.52	22	-0.555	-1.081	10.5	-9.58	429.5	897	0
4/8/2014 16:45	61857	15	98	1.681	160.1	52.4	1.924	160.1	52.4	2.241	180	53.82	23.19	22.68	22.09	-0.505	-1.091	10.53	-9.46	369.2	897	0
4/8/2014 17:00	61858	15	98	2.328	145.9	28.16	2.911	145.9	28.16	3.055	150.5	26.28	23.34	22.68	22.03	-0.666	-1.313	10.64	-9.21	303.3	897	0
4/8/2014 17:15	61859	15	98	1.462	164.3	34.52	1.706	164.3	34.52	1.625	161.9	34.39	23.01	22.58	22.03	-0.429	-0.983	11.06	-8.97	238	897	0
4/8/2014 17:30	61860	15	98	2.033	144.7	20.59	2.688	144.7	20.59	2.937	154.9	17.49	23.09	22.62	22.07	-0.477	-1.025	10.93	-9.06	175.3	897	0
4/8/2014 17:45	61861	15	98	1.753	139.2	12.65	2.219	139.2	12.65	2.433	147.8	11.31	22.75	22.52	22.09	-0.236	-0.665	11.18	-9.03	115.3	897	0
4/8/2014 18:00	61862	15	98	1.552	147.8	11.34	2.36	147.8	11.34	2.811	154.2	11.97	22.23	22.39	22.06	0.15	-0.176	11.87	-8.67	61.59	897	0
4/8/2014 18:15	61863	15	98	1.36	131.9	6.433	2.291	131.9	6.433	2.644	133.2	7.869	21.05	22.19	21.99	1.138	0.94	12.75	-8.68	22.38	897	0
4/8/2014 18:30	61864	15	98	1.418	141.1	5.49	3.151	141.1	5.49	4.317	150.6	5.724	19.05	21.26	21.9	2.217	2.858	14.66	-8.49	3.836	897	0
4/8/2014 18:45	61865	15	98	1.636	142.4	5.843	3.725	142.4	5.843	6.042	158.4	1.994	17.57	19.99	21.46	2.423	3.894	16.35	-8.27	0.536	898	0
4/8/2014 19:00	61866	15	98	1.579	125.8	4.211	3.949	125.8	4.211	5.789	154.3	3.493	16.58	19.45	21.06	2.871	4.481	17.66	-8.08	0.562	898	0
4/8/2014 19:15	61867	15	98	2.176	123	4.935	4.676	123	4.935	6.896	149.5	1.48	16.61	18.47	21.07	1.854	4.458	17.81	-7.949	0.918	898	0
4/8/2014 19:30	61868	15	98	2.276	127.3	3.926	4.673	127.3	3.926	7.983	151.1	2.126	16.49	17.68	21.07	1.188	4.583	17.84	-8.02	0.97	898	0
4/8/2014 19:45	61869	15	98	2.227	121.9	4.058	4.618	121.9	4.058	8.11	148.3	2.092	15.83	17.24	20.96	1.408	5.128	18.5	-8.1	0.847	898	0
4/8/2014 20:00	61870	15	98	2.679	116.6	5.068	4.946	116.6	5.068	8.52	141.8	1.494	15.65	16.74	20.53	1.085	4.882	18.93	-7.951	0.881	898	0
4/8/2014 20:15	61871	15	98	2.578	121.4	4.744	4.736	121.4	4.744	9.27	138.6	1.586	15.55	16.49	19.85	0.936	4.302	18.79	-8.13	0.959	898	0
4/8/2014 20:30	61872	15	98	2.736	123.2	5.106	4.926	123.2	5.106	9.99	140.1	1.069	15.33	16.23	19.69	0.902	4.364	18.93	-8.22	1.047	898	0
4/8/2014 20:45	61873	15	98	2.808	128.4	5.021	5.102	128.4	5.021	10.19	142.4	1.381	15.32	16.19	19.88	0.876	4.559	18.69	-8.39	1.04	898	0
4/8/2014 21:00	61874	15	98	2.692	124.3	5.948	4.936	124.3	5.948	9.58	140.4	2.006	14.94	15.83	19	0.892	4.06	19.13	-8.4	0.927	898	0
4/8/2014 21:15	61875	15	98	2.655	120.1	5.255	4.913	120.1	5.255	9.02	139.8	1.668	14.68	15.66	18.69	0.981	4.009	19.62	-8.29	0.978	898	0
4/8/2014 21:30	61876	15	98	2.857	121.4	5.686	5.141	121.4	5.686	9.02	137.9	4.688	14.69	15.61	18.37	0.926	3.682	19.74	-8.21	0.936	898	0
4/8/2014 21:45	61877	15	98	3.09	119	6.704	5.249	119	6.704	9.19	132.9	3.859	14.84	15.63	17.9	0.794	3.056	19.56	-8.2	0.946	898	0
4/8/2014 22:00	61878	15	98	2.813	125	5.731	5.023	125	5.731	9.99	140.8	1.766	14.53	15.37	18.55	0.835	4.016	20.01	-8.17	1.068	898	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/8/2014 22:15	61879	15	98	2.917	124	5.905	5.281	124	5.905	9.35	138.5	2.155	14.31	15.25	17.74	0.948	3.43	20.7	-7.916	0.965	898	0
4/8/2014 22:30	61880	15	98	2.84	130.1	5.583	5.01	130.1	5.583	9.43	142	2.3	14.61	15.49	17.67	0.877	3.063	20.48	-7.794	1.023	898	0
4/8/2014 22:45	61881	15	98	2.748	126.4	5.012	4.97	126.4	5.012	8.74	141.7	1.932	14.41	15.29	17.29	0.888	2.879	20.75	-7.799	0.978	898	0
4/8/2014 23:00	61882	15	98	2.416	132.4	5.7	4.493	132.4	5.7	8.82	144.4	3.151	13.83	14.86	17	1.035	3.168	21.45	-7.857	0.963	898	0
4/8/2014 23:15	61883	15	98	2.142	130.1	5.424	4.182	130.1	5.424	8.06	149.4	2.427	13.05	14.21	16.98	1.154	3.932	22.54	-7.868	0.778	899	0
4/8/2014 23:30	61884	15	98	1.576	135.9	7.425	3.359	135.9	7.425	7.091	151.8	3.291	12.39	13.74	16.68	1.354	4.288	23.52	-7.879	0.744	899	0
4/8/2014 23:45	61885	15	98	0.973	153.7	10.93	2.099	153.7	10.93	5.57	163.3	3.218	11.18	12.62	16.11	1.441	4.934	25.48	-7.878	0.558	899	0
4/9/2014 0:00	61886	15	99	0.771	151	11.11	1.667	151	11.11	4.615	170.4	3.613	11.33	12.09	15.67	0.755	4.338	25.55	-7.709	0.639	899	0
4/9/2014 0:15	61887	15	99	0.684	135.7	18.84	1.487	135.7	18.84	4.589	166.8	3.77	9.63	12.37	15.56	2.737	5.931	26.89	-8.54	0.507	899	0
4/9/2014 0:30	61888	15	99	1	107.7	19.27	1.42	107.7	19.27	3.13	165	4.834	6.967	12.63	15.2	5.666	8.24	31.26	-8.9	0.427	899	0
4/9/2014 0:45	61889	15	99	0.702	145.7	7.258	2.094	145.7	7.258	3.532	166.6	6.235	5.985	13.41	15.2	7.421	9.21	32.75	-9.17	0.388	898	0
4/9/2014 1:00	61890	15	99	1.298	146.7	3.514	2.916	146.7	3.514	4.509	166.6	4.85	9	13.88	15.12	4.877	6.119	29.85	-7.737	0.906	898	0
4/9/2014 1:15	61891	15	99	1.103	139.7	4.474	2.629	139.7	4.474	4.344	164	3.973	8.62	13.5	14.77	4.879	6.156	30.18	-7.913	0.74	898	0
4/9/2014 1:30	61892	15	99	1.141	137.9	4.041	2.801	137.9	4.041	4.421	158.8	4.066	8.96	13	14.67	4.047	5.713	30.43	-7.517	0.708	898	0
4/9/2014 1:45	61893	15	99	0.837	138.7	4.35	2.786	138.7	4.35	5.754	155.7	4.536	9.66	12.34	14.79	2.686	5.133	28.48	-7.756	0.914	898	0
4/9/2014 2:00	61894	15	99	0.912	138.3	4.915	3.262	138.3	4.915	7.31	144.6	4.166	9.38	12.38	15.41	3.002	6.034	29.34	-7.61	0.979	898	0
4/9/2014 2:15	61895	15	99	1.952	131.4	5.996	4.153	131.4	5.996	8.1	139.3	3.278	11.27	13.24	15.39	1.978	4.129	27.18	-6.989	1.38	897	0
4/9/2014 2:30	61896	15	99	3.26	126.9	5.948	5.626	126.9	5.948	9.73	136.5	3.031	13.01	13.98	15.75	0.963	2.732	23.77	-7.216	1.718	897	0
4/9/2014 2:45	61897	15	99	3.298	124.4	6.273	5.448	124.4	6.273	9.36	134	3.077	13.14	13.97	15.64	0.824	2.494	23.37	-7.326	1.065	897	0
4/9/2014 3:00	61898	15	99	3.571	122.6	5.611	5.917	122.6	5.611	9.99	133.6	2.246	13.2	13.95	15.7	0.758	2.503	23.27	-7.333	1.123	897	0
4/9/2014 3:15	61899	15	99	3.489	117.9	5.694	5.875	117.9	5.694	9.72	130.4	2.191	12.77	13.53	15.21	0.755	2.433	23.91	-7.34	1.126	897	0
4/9/2014 3:30	61900	15	99	3.544	117.4	5.227	5.834	117.4	5.227	9.45	127.5	1.982	12.67	13.44	14.82	0.768	2.147	24.16	-7.29	1.002	897	0
4/9/2014 3:45	61901	15	99	3.71	119.7	5.526	5.95	119.7	5.526	9.55	128.8	1.881	12.6	13.29	14.67	0.684	2.067	24.36	-7.244	1.066	897	0
4/9/2014 4:00	61902	15	99	3.494	118.9	5.616	5.733	118.9	5.616	9.51	129.7	1.736	12.16	12.81	14.33	0.656	2.176	24.98	-7.301	0.991	897	0
4/9/2014 4:15	61903	15	99	3.262	117.8	5.488	5.388	117.8	5.488	8.92	130.5	1.722	11.72	12.4	14.1	0.679	2.383	25.87	-7.218	0.92	897	0
4/9/2014 4:30	61904	15	99	3.13	120.5	5.862	5.287	120.5	5.862	8.74	133.7	2.815	11.43	12.1	13.98	0.672	2.552	26.41	-7.201	0.897	897	0
4/9/2014 4:45	61905	15	99	3.031	122.9	6.051	5.244	122.9	6.051	8.68	138.6	3.652	11.24	11.9	14.17	0.665	2.936	26.77	-7.192	0.921	897	0
4/9/2014 5:00	61906	15	99	2.475	119.3	6.806	4.461	119.3	6.806	7.975	140	3.674	10.74	11.5	14.11	0.763	3.374	27.61	-7.22	0.692	897	0
4/9/2014 5:15	61907	15	99	2.535	115.8	6.122	4.578	115.8	6.122	7.071	144.9	5.874	10.41	11.3	14.66	0.891	4.245	28.45	-7.114	0.876	897	0
4/9/2014 5:30	61908	15	99	1.938	109.4	6.534	3.961	109.4	6.534	6.016	145.1	5.865	10.07	10.9	14.69	0.828	4.619	28.92	-7.198	1.423	897	0
4/9/2014 5:45	61909	15	99	2.252	108.7	4.916	4.44	108.7	4.916	5.528	151.7	5.75	9.72	10.72	15.25	0.999	5.531	29.85	-7.086	10.1	897	0
4/9/2014 6:00	61910	15	99	2.032	109.7	5.127	4.005	109.7	5.127	5.322	151.3	4.887	9.99	10.75	15.47	0.762	5.478	29.5	-7.01	47.26	897	0
4/9/2014 6:15	61911	15	99	1.99	108.9	6.436	3.639	108.9	6.436	5.089	148.2	5.973	10.56	10.96	15.04	0.396	4.485	28.75	-6.85	94	897	0
4/9/2014 6:30	61912	15	99	1.288	144.1	22.61	1.995	144.1	22.61	4.571	132.7	9.64	11.34	11.31	12.64	-0.023	1.301	27.73	-6.643	151.8	897	0
4/9/2014 6:45	61913	15	99	1.477	138.5	10.11	1.934	138.5	10.11	3.957	134.4	6.408	12.47	12.21	12.5	-0.265	0.022	25.92	-6.549	211.8	897	0
4/9/2014 7:00	61914	15	99	1.986	129.6	8.2	2.639	129.6	8.2	3.832	142.1	6.905	13.64	13.21	13.48	-0.434	-0.167	23.94	-6.588	273.1	897	0
4/9/2014 7:15	61915	15	99	1.782	132.4	10.35	2.205	132.4	10.35	2.757	147.7	7.514	14.99	14.45	14.34	-0.533	-0.644	21.97	-6.575	338.1	897	0
4/9/2014 7:30	61916	15	99	1.583	154.7	15.88	1.907	154.7	15.88	2.122	159.6	12	16.2	15.75	15.19	-0.45	-1.01	20.02	-6.777	398.8	897	0
4/9/2014 7:45	61917	15	99	1.917	180.2	13.97	2.338	180.2	13.97	2.359	171.4	12.01	17.32	16.65	16.07	-0.67	-1.25	18.18	-7.1	456.1	898	0
4/9/2014 8:00	61918	15	99	2.013	180.4	15.43	2.335	180.4	15.43	2.398	180.3	11.32	18.14	17.42	16.74	-0.721	-1.397	16.76	-7.487	516.5	898	0
4/9/2014 8:15	61919	15	99	2.261	187.8	21.63	2.681	187.8	21.63	2.97	187.4	12.26	18.66	17.8	17.22	-0.861	-1.435	16.04	-7.629	575.3	898	0
4/9/2014 8:30	61920	15	99	2.365	173.9	17.25	2.793	173.9	17.25	2.744	177.6	15.49	19.36	18.52	17.84	-0.843	-1.522	15.02	-7.913	631.4	898	0
4/9/2014 8:45	61921	15	99	2.375	194	18.48	2.831	194	18.48	2.987	187.2	14.15	20.02	19.12	18.46	-0.901	-1.557	14.15	-8.16	681.2	898	0
4/9/2014 9:00	61922	15	99	2.252	184.1	23.13	2.637	184.1	23.13	2.725	183.8	18.68	20.71	19.88	19.19	-0.831	-1.521	13.26	-8.44	728.7	897	0
4/9/2014 9:15	61923	15	99	2.3	203.6	17.54	2.655	203.6	17.54	2.758	194.6	13.22	21.57	20.63	19.85	-0.939	-1.726	12.31	-8.72	773.3	897	0
4/9/2014 9:30	61924	15	99	2.204	184.1	18.67	2.613	184.1	18.67	2.765	185.6	13.57	22.46	21.48	20.62	-0.978	-1.834	11.49	-8.92	816	897	0
4/9/2014 9:45	61925	15	99	2.673	204.8	16.18	3.207	204.8	16.18	3.331	196.5	13.87	23.42	22.14	21.42	-1.279	-2	10.39	-9.45	853	897	0
4/9/2014 10:00	61926	15	99	2.212	184.9	26.85	2.743	184.9	26.85	3.012	192.4	19.61	23.81	22.73	22.05	-1.082	-1.766	9.88	-9.8	891	897	0
4/9/2014 10:15	61927	15	99	2.56	187.8	21.04	3.049	187.8	21.04	3.514	192.1	17.76	25.05	23.81	22.9	-1.238	-2.146	9.2	-9.76	923	897	0
4/9/2014 10:30	61928	15	99	2.877	207.9	19.95	3.398	207.9	19.95	3.759	208.9	13.83	25.4	24.22	23.43	-1.18	-1.969	8.56	-10.42	950	897	0
4/9/2014 10:45	61929	15	99	3.342	195.6	18.64	3.933	195.6	18.64	4.202	199.5	18.37	26.07	24.69	23.94	-1.384	-2.134	8.07	-10.67	976	897	0
4/9/2014 11:00	61930	15	99	3.521	221.4	21.06	4.336	221.4	21.06	4.881	221.9	14.85	27.05	25.5	24.71	-1.545	-2.335	6.801	-12.11	996	896	0
4/9/2014 11:15	61931	15	99	3.609	230	15.15	4.465	230	15.15	4.723	231	10.88	27.58	25.97	25.11	-1.605	-2.468	6.414	-12.45	1014	896	0
4/9/2014 11:30	61932	15	99	3.466	232.1	19.33	4.404	232.1	19.33	4.91	234.3	17.93	28.18	26.64	25.69	-1.54	-2.495	5.963	-12.93	1029	896	0
4/9/2014 11:45	61933	15	99	3.712	226.9	18.48	4.542	226.9	18.48	4.892	228.5	15.48	28.65	27.09	26.15	-1.556	-2.503	5.362	-13.91	1037	896	0
4/9/2014 12:00	61934	15	99	3.813	225.6	21.04	4.684	225.6	21.04	5.305	227.8	15.9	29.31	27.74	26.66	-1.572	-2.648	4.98	-14.35	1042	895	0
4/9/2014 12:15	61935	15	99	3.834	224.7	22.92	4.793	224.7	22.92	5.367	227.7	20.85	29.57	28.04	27.02	-1.535	-2.547	4.731	-14.8	1040	895	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/9/2014 12:30	61936	15	99	3.141	239.2	24.57	4.102	239.2	24.57	4.628	239.9	21.15	29.87	28.38	27.37	-1.489	-2.5	4.68	-14.72	1035	895	0
4/9/2014 12:45	61937	15	99	3.687	244.2	21.61	4.614	244.2	21.61	5.18	241.8	19.6	29.84	28.26	27.23	-1.582	-2.615	4.599	-14.95	1028	895	0
4/9/2014 13:00	61938	15	99	3.326	209.3	21.57	4.146	209.3	21.57	4.544	214.8	18.16	30.05	28.58	27.55	-1.466	-2.495	4.6	-14.8	1019	894	0
4/9/2014 13:15	61939	15	99	4.014	241.4	25.46	5.178	241.4	25.46	5.68	244.5	18.48	30.61	29.04	27.87	-1.57	-2.739	4.526	-14.62	1000	894	0
4/9/2014 13:30	61940	15	99	2.585	258.8	65.01	2.922	258.8	65.01	3.609	259.9	35.48	30.03	29.13	28.3	-0.892	-1.721	4.608	-14.81	975	893	0
4/9/2014 13:45	61941	15	99	4.235	254.7	26.05	5.864	254.7	26.05	6.501	251.1	28.05	31.13	29.68	28.65	-1.45	-2.485	4.347	-14.75	941	893	0
4/9/2014 14:00	61942	15	99	4.32	235.4	17.94	5.575	235.4	17.94	6.458	233.1	14.26	31.04	29.5	28.43	-1.531	-2.604	4.146	-15.4	910	893	0
4/9/2014 14:15	61943	15	99	4.847	216	15.47	6.12	216	15.47	6.949	220.1	13.53	31.59	30.01	28.87	-1.574	-2.713	4.078	-15.23	875	892	0
4/9/2014 14:30	61944	15	99	5.206	237.6	28.52	6.934	237.6	28.52	7.727	239.7	26.02	31.36	29.89	28.88	-1.472	-2.486	4.108	-15.3	831	892	0
4/9/2014 14:45	61945	15	99	4.066	262.2	16.6	5.427	262.2	16.6	6.198	259.2	12.15	31.09	29.85	28.99	-1.239	-2.1	4.166	-15.3	787.9	892	0
4/9/2014 15:00	61946	15	99	5.39	262.7	13.87	7.81	262.7	13.87	9.14	263.4	13.63	31.55	30.14	29.15	-1.418	-2.402	3.923	-15.75	749.1	892	0
4/9/2014 15:15	61947	15	99	5.977	241.7	16	8.05	241.7	16	9.46	243.5	13.14	31.52	30.23	29.21	-1.289	-2.311	3.587	-16.86	703	892	0
4/9/2014 15:30	61948	15	99	5.657	242.1	15.12	7.634	242.1	15.12	9.05	241.8	11.32	31.27	30.09	29.13	-1.19	-2.146	3.458	-17.46	656.5	891	0
4/9/2014 15:45	61949	15	99	5.245	240.8	13.95	6.843	240.8	13.95	8.16	245.9	11.79	31.03	29.98	29.1	-1.053	-1.929	3.422	-17.76	572.3	891	0
4/9/2014 16:00	61950	15	99	5.62	234.9	17.61	7.446	234.9	17.61	8.97	236.1	16.14	30.75	29.85	29.03	-0.895	-1.724	3.221	-18.7	462.5	891	0
4/9/2014 16:15	61951	15	99	5.223	247.2	10.46	7.156	247.2	10.46	8.59	248.6	10.2	30.28	29.63	28.93	-0.65	-1.351	3.463	-18.13	358.6	891	0
4/9/2014 16:30	61952	15	99	5.15	231.9	12.72	6.611	231.9	12.72	7.836	231.6	11.27	30.47	29.7	29.01	-0.765	-1.464	3.21	-18.92	453	891	0
4/9/2014 16:45	61953	15	99	4.906	225.8	12.36	6.432	225.8	12.36	8.1	227.2	8.91	30.54	29.88	29.1	-0.66	-1.44	3.109	-19.24	380.3	891	0
4/9/2014 17:00	61954	15	99	4.369	244.7	13.65	6.016	244.7	13.65	7.165	238.9	14.39	30.24	29.72	29.11	-0.513	-1.127	3.142	-19.3	310.3	891	0
4/9/2014 17:15	61955	15	99	4.771	245.1	9.69	6.512	245.1	9.69	7.869	245.6	8.12	29.85	29.5	28.94	-0.35	-0.906	3.272	-19.08	242.7	891	0
4/9/2014 17:30	61956	15	99	4.57	239.1	9.57	6.102	239.1	9.57	7.314	241.3	7.972	29.47	29.3	28.83	-0.174	-0.64	3.469	-18.63	177.8	891	0
4/9/2014 17:45	61957	15	99	3.561	233.7	10.35	4.913	233.7	10.35	6.572	234.8	7.492	29.1	29.12	28.77	0.019	-0.326	3.693	-18.13	116.9	891	0
4/9/2014 18:00	61958	15	99	3.461	239.4	8.38	4.792	239.4	8.38	6.507	240.6	7.412	28.65	28.88	28.65	0.238	0.007	3.794	-18.13	64.94	891	0
4/9/2014 18:15	61959	15	99	2.776	231.4	9.31	4.017	231.4	9.31	6.564	230	5.295	27.59	28.18	28.42	0.59	0.834	4.273	-17.44	24.56	891	0
4/9/2014 18:30	61960	15	99	1.766	219.1	6.232	3.411	219.1	6.232	6.587	225.2	2.437	25.42	26.9	28.18	1.478	2.757	4.967	-17.12	3.551	891	0
4/9/2014 18:45	61961	15	99	1.062	211.2	4.447	2.616	211.2	4.447	6.236	227.6	3.177	24.05	25.56	28.01	1.51	3.959	5.492	-16.9	0.655	891	0
4/9/2014 19:00	61962	15	99	0.752	209	7.734	2.248	209	7.734	6.358	231	2.123	23.4	25.01	27.79	1.615	4.39	5.727	-16.86	0.515	891	0
4/9/2014 19:15	61963	15	99	0.879	192.8	6.065	2.103	192.8	6.065	6.259	229	1.552	22.47	24.22	27.36	1.752	4.887	6.268	-16.44	0.659	891	0
4/9/2014 19:30	61964	15	99	0.851	185.1	4.251	2.42	185.1	4.251	6.737	227.5	1.81	21.13	23.65	27.43	2.521	6.299	7.12	-15.88	0.63	892	0
4/9/2014 19:45	61965	15	99	0.862	186	6.474	2.424	186	6.474	7.464	230.3	1.983	20.63	23.07	27.71	2.441	7.083	7.4	-15.78	0.795	892	0
4/9/2014 20:00	61966	15	99	1.23	189.9	6.168	2.549	189.9	6.168	7.413	231.6	1.407	21.01	22.89	26.86	1.879	5.842	6.999	-16.17	0.998	892	0
4/9/2014 20:15	61967	15	99	0.826	194.3	8.22	2.333	194.3	8.22	7.59	234.8	3.429	19.01	22.16	26.61	3.146	7.601	8.13	-15.88	0.642	892	0
4/9/2014 20:30	61968	15	99	0.682	214.5	7.618	1.897	214.5	7.618	6.859	246.1	6.75	18.09	22.37	25.99	4.279	7.907	8.81	-15.57	0.621	892	0
4/9/2014 20:45	61969	15	99	1.321	213.8	9.89	1.812	213.8	9.89	6.051	250.5	3.497	18.19	22.62	26.07	4.425	7.877	8.81	-15.51	0.802	892	0
4/9/2014 21:00	61970	15	99	1.101	213.2	12.41	1.568	213.2	12.41	5.757	251.4	3.576	16.39	23.01	26.29	6.624	9.9	9.61	-15.86	0.775	892	0
4/9/2014 21:15	61971	15	99	1.423	184.9	11.35	1.76	184.9	11.35	4.863	248.8	4.35	16.97	22.96	25.69	5.989	8.72	9.82	-15.11	0.674	892	0
4/9/2014 21:30	61972	15	99	1.149	162.4	9.21	2.631	162.4	9.21	4.305	244.4	5.315	16.26	22.77	25.2	6.514	8.94	10.26	-15.13	0.537	892	0
4/9/2014 21:45	61973	15	99	1.39	170.9	6.796	3.041	170.9	6.796	4.126	241.2	6.891	15.74	23.03	25.22	7.294	9.49	10.88	-14.81	0.542	892	0
4/9/2014 22:00	61974	15	99	1.083	178.9	4.017	2.779	178.9	4.017	4.106	231.5	3.19	15.89	23.16	24.96	7.269	9.07	10.56	-15.06	0.657	892	0
4/9/2014 22:15	61975	15	99	0.671	181.3	6.712	2.438	181.3	6.712	4.805	231.9	1.765	15.95	22.96	25.4	7.008	9.45	10.25	-15.37	0.621	892	0
4/9/2014 22:30	61976	15	99	0.814	166.6	5.93	2.226	166.6	5.93	4.559	233.5	3.591	15.38	22.86	25.83	7.485	10.45	10.26	-15.82	0.589	892	0
4/9/2014 22:45	61977	15	99	0.975	177.6	6.906	2.511	177.6	6.906	4.207	228.4	6.439	14.32	23.34	25.17	9.03	10.86	11.68	-15.06	0.635	892	0
4/9/2014 23:00	61978	15	99	0.649	164.1	4.552	2.342	164.1	4.552	3.536	219.8	6.995	14.29	22.82	24.95	8.53	10.66	11.41	-15.37	0.506	892	0
4/9/2014 23:15	61979	15	99	0.525	165.8	7.316	2.252	165.8	7.316	3.728	220.2	2.481	14.58	23.03	25.25	8.44	10.66	11.05	-15.52	0.497	892	0
4/9/2014 23:30	61980	15	99	0.65	161.4	14.77	3.099	161.4	14.77	3.961	208.9	14.28	14.4	21.73	24.29	7.332	9.88	11.35	-15.35	0.654	892	0
4/9/2014 23:45	61981	15	99	1.176	142.5	6.451	3.622	142.5	6.451	4.018	195.2	15.93	14.09	19.77	23.32	5.68	9.23	11.45	-15.51	0.794	892	0
4/10/2014 0:00	61982	15	100	1.993	125.4	7.105	4.585	125.4	7.105	4.763	153.5	11.26	14.57	17.26	21.56	2.689	6.987	11.38	-15.19	0.956	892	0
4/10/2014 0:15	61983	15	100	2.106	111.9	6.716	4.431	111.9	6.716	6.095	146	11.21	13.94	15.45	20.6	1.511	6.662	13.48	-13.68	0.872	892	0
4/10/2014 0:30	61984	15	100	2.47	118	6.445	4.963	118	6.445	5.769	164.8	3.269	14.09	15.46	21.9	1.375	7.809	16.07	-11.31	0.863	892	0
4/10/2014 0:45	61985	15	100	1.662	115.7	7.37	3.911	115.7	7.37	6.226	157.4	3.907	13.5	14.86	20.8	1.358	7.295	17.46	-10.75	0.662	892	0
4/10/2014 1:00	61986	15	100	2.574	122.2	5.212	4.945	122.2	5.212	6.762	158.6	4.378	14.06	15.2	20.84	1.148	6.783	17.63	-10.17	0.942	892	0
4/10/2014 1:15	61987	15	100	2.319	123	5.216	4.703	123	5.216	7.109	158.1	4.901	13.84	15.04	19.59	1.205	5.747	18.47	-9.76	0.936	891	0
4/10/2014 1:30	61988	15	100	2.674	124.1	5.342	5.03	124.1	5.342	7.375	156.2	3.886	13.83	15.09	19.77	1.26	5.936	19.16	-9.3	0.868	891	0
4/10/2014 1:45	61989	15	100	2.43	115.3	5.144	4.761	115.3	5.144	6.112	156.8	5.692	13.76	15.04	19.83	1.279	6.064	19.96	-8.83	0.799	891	0
4/10/2014 2:00	61990	15	100	2.674	112.6	3.576	5.311	112.6	3.576	5.317	164.4	4.547	13.7	15.58	20.54	1.877	6.837	19.87	-8.94	0.697	891	0
4/10/2014 2:15	61991	15	100	2.382	116.2	3.49	4.896	116.2	3.49	4.921	170.1	4.429	13.68	15.58	21.52	1.901	7.841	18.96	-9.56	0.775	891	0
4/10/2014 2:30	61992	15	100	2.315	116.2	4.514	4.673	116.2	4.514	4.885	165.2	5.431	13.67	15.17	21.23	1.499	7.561	19.05	-9.5	0.821	891	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/10/2014 2:45	61993	15	100	1.935	122	5.206	4.181	122	5.206	4.918	175.8	7.587	12.93	14.74	20.92	1.809	7.985	20.36	-9.28	0.659	891	0
4/10/2014 3:00	61994	15	100	2.064	126	3.918	4.771	126	3.918	5.556	176.9	4.787	13.09	15.41	20.98	2.318	7.893	20.12	-9.31	0.752	891	0
4/10/2014 3:15	61995	15	100	2.254	126.6	5.573	4.452	126.6	5.573	5.665	180.8	6.929	13.3	14.87	20.62	1.572	7.318	19.23	-9.7	0.749	891	0
4/10/2014 3:30	61996	15	100	2.02	127.7	5.788	4.222	127.7	5.788	6.133	177.6	5.411	13.13	14.92	20.19	1.795	7.063	19.42	-9.71	0.823	891	0
4/10/2014 3:45	61997	15	100	2.162	135.2	5.618	4.405	135.2	5.618	6.189	179.5	6.288	12.93	14.95	19.29	2.019	6.359	19.1	-10.09	0.748	891	0
4/10/2014 4:00	61998	15	100	2.07	141.5	3.522	4.648	141.5	3.522	5.993	189.5	4.076	12.16	15.35	19.02	3.191	6.858	19.94	-10.18	0.71	891	0
4/10/2014 4:15	61999	15	100	1.209	139.7	5.789	3.846	139.7	5.789	5.643	187.3	5.201	12.07	15.43	19	3.354	6.926	19.48	-10.55	0.602	891	0
4/10/2014 4:30	62000	15	100	0.614	123.5	4.239	3.172	123.5	4.239	5.662	181.3	4.008	11.91	14.55	19.51	2.639	7.604	19	-11	0.489	891	0
4/10/2014 4:45	62001	15	100	1.31	123.5	4.808	3.753	123.5	4.808	4.717	180.8	5.9	11.98	16.13	19.92	4.152	7.943	18.58	-11.22	0.761	891	0
4/10/2014 5:00	62002	15	100	0.643	123.4	9.25	2.836	123.4	9.25	3.638	185.4	5.993	11.91	15.2	19.5	3.29	7.59	18	-11.67	0.605	891	0
4/10/2014 5:15	62003	15	100	0.744	135.5	3.081	3.238	135.5	3.081	4.026	187.7	4.04	10.89	16.12	19.23	5.224	8.34	19.22	-11.7	0.548	891	0
4/10/2014 5:30	62004	15	100	0.598	136.5	6.904	2.462	136.5	6.904	3.908	192.7	5.607	11.01	15.47	19.05	4.47	8.05	18.83	-11.86	1.219	891	0
4/10/2014 5:45	62005	15	100	1.003	150.6	8.06	3.104	150.6	8.06	4.044	207	5.998	10.39	17.04	18.96	6.656	8.57	19.31	-12.07	12.76	892	0
4/10/2014 6:00	62006	15	100	0.75	157.4	7.256	2.477	157.4	7.256	3.581	208.5	4.577	10.39	17.15	18.86	6.761	8.47	19.27	-12.08	53.76	892	0
4/10/2014 6:15	62007	15	100	0.772	139.3	7.561	2.066	139.3	7.561	2.902	193.6	4.747	11.91	17.18	18.72	5.276	6.815	18.44	-11.4	103	892	0
4/10/2014 6:30	62008	15	100	0.577	136.5	4.996	2.353	136.5	4.996	3.132	193.4	4.887	14.66	17.18	19.41	2.525	4.75	16.83	-10.29	166.3	892	0
4/10/2014 6:45	62009	15	100	0.947	138.2	9.16	2.02	138.2	9.16	2.518	197.9	4.79	17.67	17.83	19.75	0.159	2.085	12.58	-11.56	234.7	892	0
4/10/2014 7:00	62010	15	100	1.151	168	15.42	1.495	168	15.42	2.209	204	9.49	19.56	19.3	19.65	-0.26	0.087	9.57	-13.47	311.2	892	0
4/10/2014 7:15	62011	15	100	0.948	205.1	21.22	1.043	205.1	21.22	1.472	229.2	20.53	20.33	20.14	20.08	-0.187	-0.25	8.23	-14.71	359.4	893	0
4/10/2014 7:30	62012	15	100	1.296	244	11.48	1.55	244	11.48	2.079	259.9	4.523	21.03	20.66	20.64	-0.367	-0.389	7.97	-14.58	418.9	893	0
4/10/2014 7:45	62013	15	100	1.465	248.6	11.01	1.666	248.6	11.01	1.597	256.8	18.3	21.69	21.28	20.88	-0.408	-0.814	7.048	-15.59	413	893	0
4/10/2014 8:00	62014	15	100	1.378	289.6	18.98	1.518	289.6	18.98	1.641	290.1	15.39	22.1	21.87	21.43	-0.23	-0.669	6.865	-15.6	365.8	893	0
4/10/2014 8:15	62015	15	100	1.94	302.2	12.64	2.027	302.2	12.64	1.902	306.1	10.12	22.37	22.12	21.65	-0.255	-0.728	6.531	-16	389.4	893	0
4/10/2014 8:30	62016	15	100	2.427	311.8	14.29	2.56	311.8	14.29	2.568	314.1	9.92	23	22.62	21.94	-0.377	-1.064	6.515	-15.58	525.4	893	0
4/10/2014 8:45	62017	15	100	3.402	304.1	11.76	3.677	304.1	11.76	3.527	306.4	9.52	24.01	23.33	22.65	-0.683	-1.354	6.028	-15.79	594.1	893	0
4/10/2014 9:00	62018	15	100	3.921	312.1	11.88	4.527	312.1	11.88	4.481	312.8	9.48	24.4	23.58	22.79	-0.816	-1.611	5.992	-15.58	635.1	893	0
4/10/2014 9:15	62019	15	100	3.739	317.3	11.99	4.287	317.3	11.99	4.318	315.5	9.47	24.52	23.77	23.03	-0.753	-1.491	6.316	-14.85	600.8	893	0
4/10/2014 9:30	62020	15	100	3.482	315.2	12.96	4.056	315.2	12.96	4.45	316	9.46	25.81	25	24.15	-0.816	-1.66	5.889	-14.81	696.4	893	0
4/10/2014 9:45	62021	15	100	4.352	312.7	12.17	5.074	312.7	12.17	5.143	314.5	9.55	26.37	25.52	24.74	-0.848	-1.632	5.407	-15.42	633.1	893	0
4/10/2014 10:00	62022	15	100	3.892	315.3	13.83	4.535	315.3	13.83	4.721	314.8	9.61	27.31	26.38	25.35	-0.937	-1.959	5.184	-15.26	795.9	893	0
4/10/2014 10:15	62023	15	100	4.831	316.7	12.63	5.69	316.7	12.63	5.838	317.4	10.12	28.08	26.92	26.02	-1.159	-2.056	4.733	-15.84	849	893	0
4/10/2014 10:30	62024	15	100	4.964	326.4	15.39	6.219	326.4	15.39	6.979	328.3	11.63	28.01	26.93	26	-1.077	-2.004	4.402	-16.76	789.2	893	0
4/10/2014 10:45	62025	15	100	4.566	332.4	17.22	5.855	332.4	17.22	6.513	331.3	13.11	28.66	27.27	26.3	-1.389	-2.364	4.447	-16.19	1083	893	0
4/10/2014 11:00	62026	15	100	4.408	317.2	16.76	5.185	317.2	16.76	5.539	320.6	13.68	29.02	27.69	26.69	-1.329	-2.336	4.027	-17.13	1032	893	0
4/10/2014 11:15	62027	15	100	4.528	321.5	13.44	5.49	321.5	13.44	6.195	323	10.55	29.5	28.17	27.19	-1.333	-2.307	3.746	-17.72	968	893	0
4/10/2014 11:30	62028	15	100	4.769	328.5	16.99	5.916	328.5	16.99	6.466	330.6	14.22	29.73	28.33	27.52	-1.396	-2.207	3.256	-19.22	996	893	0
4/10/2014 11:45	62029	15	100	4.371	329.9	23.02	5.338	329.9	23.02	5.782	333.6	21.98	30.45	29.09	28.07	-1.363	-2.383	3.055	-19.49	1000	892	0
4/10/2014 12:00	62030	15	100	3.787	344.8	23.73	4.96	344.8	23.73	5.593	345.4	20.73	30.22	28.93	27.93	-1.291	-2.287	3.392	-18.39	937	892	0
4/10/2014 12:15	62031	15	100	4.844	331	26.7	6.397	331	26.7	7.401	327.9	25.76	30.65	29.33	28.22	-1.321	-2.429	3.232	-18.7	842	892	0
4/10/2014 12:30	62032	15	100	4.3	310.9	22.53	5.026	310.9	22.53	5.073	313.9	16.84	30.45	29.21	28.18	-1.24	-2.274	3.253	-18.74	844	892	0
4/10/2014 12:45	62033	15	100	3.157	317.5	34.08	3.414	317.5	34.08	3.526	314	24.92	30.29	29.29	28.49	-0.998	-1.792	3.231	-18.93	847	892	0
4/10/2014 13:00	62034	15	100	2.965	292.8	29.68	3.752	292.8	29.68	4.028	294.8	38.82	30.66	29.61	28.9	-1.051	-1.757	2.93	-19.86	809	891	0
4/10/2014 13:15	62035	15	100	2.994	263.5	22.69	3.801	263.5	22.69	4.52	270.1	19.9	30.85	29.81	28.8	-1.038	-2.052	2.688	-20.8	866	891	0
4/10/2014 13:30	62036	15	100	4.583	273.8	13.91	6.126	273.8	13.91	6.925	276.8	11.52	31.75	30.18	29.13	-1.563	-2.618	2.159	-23.01	1008	891	0
4/10/2014 13:45	62037	15	100	3.607	248.2	21.72	4.798	248.2	21.72	5.734	259.3	18.38	31.38	30.07	29.04	-1.315	-2.339	2.185	-22.98	901	891	0
4/10/2014 14:00	62038	15	100	4.186	290.6	17.75	5.096	290.6	17.75	5.681	289.3	16.35	31.46	30.17	29.36	-1.287	-2.097	2.184	-22.99	769.9	891	0
4/10/2014 14:15	62039	15	100	4.494	262.7	10.47	6.476	262.7	10.47	7.004	266.8	9.62	31.17	29.88	29.11	-1.291	-2.056	2.639	-20.81	583.6	891	0
4/10/2014 14:30	62040	15	100	3.433	277.1	15.76	4.485	277.1	15.76	4.939	277.3	15.19	30.63	29.73	29.03	-0.905	-1.601	3.007	-19.57	452.3	891	0
4/10/2014 14:45	62041	15	100	3.146	266.8	13.44	4.367	266.8	13.44	4.808	265.8	8.51	30.35	29.54	28.89	-0.809	-1.458	3.414	-18.23	405.8	890	0
4/10/2014 15:00	62042	15	100	3.422	286.9	20	4.074	286.9	20	4.624	286.8	15.75	30.5	29.76	28.99	-0.741	-1.502	3.604	-17.48	473.1	890	0
4/10/2014 15:15	62043	15	100	4.003	254.8	24.55	5.119	254.8	24.55	5.828	256.9	20.01	31.36	30.18	29.23	-1.18	-2.131	3.409	-17.57	780.4	890	0
4/10/2014 15:30	62044	15	100	4.016	251.3	20.97	5.475	251.3	20.97	6.251	255.3	17.76	30.92	29.89	29.03	-1.032	-1.892	3.386	-17.96	509.3	890	0
4/10/2014 15:45	62045	15	100	4.368	253.4	10.27	5.996	253.4	10.27	6.744	255.9	9.57	30.19	29.43	28.77	-0.76	-1.42	3.529	-17.94	378.6	890	0
4/10/2014 16:00	62046	15	100	4.167	239.9	15.54	5.389	239.9	15.54	5.901	243	12.76	30.67	29.69	28.96	-0.977	-1.712	3.343	-18.27	587	890	0
4/10/2014 16:15	62047	15	100	4.091	244.3	18.68	5.508	244.3	18.68	5.948	245.1	16.27	30.74	29.67	28.91	-1.072	-1.837	3.204	-18.74	520.9	889	0
4/10/2014 16:30	62048	15	100	3.359	240.6	13.23	4.264	240.6	13.23	4.959	242.2	13.26	30.54	29.77	29.08	-0.764	-1.462	3.152	-19.08	446.8	889	0
4/10/2014 16:45	62049	15	100	3.711	245.2	24.87	5.033	245.2	24.87	5.802	245.3	23.22	30.59	29.9	29.26	-0.685	-1.322	3.046	-19.45	387	889	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/10/2014 17:00	62050	15	100	3.245	245.6	21.85	4.381	245.6	21.85	4.755	243.7	20.38	30.42	29.84	29.25	-0.58	-1.17	3.025	-19.68	320.4	889	0
4/10/2014 17:15	62051	15	100	3.406	224.8	14.91	4.475	224.8	14.91	5.304	223.4	11.8	30.18	29.77	29.17	-0.41	-1.01	3.017	-19.82	255.1	889	0
4/10/2014 17:30	62052	15	100	3.428	208.5	7.328	4.58	208.5	7.328	5.433	212.9	4.938	29.73	29.52	29.01	-0.214	-0.72	2.864	-20.77	191.6	889	0
4/10/2014 17:45	62053	15	100	2.855	208.1	8.4	3.955	208.1	8.4	5.019	211.5	8.03	29.32	29.37	29.04	0.049	-0.283	3.079	-20.17	130.2	889	0
4/10/2014 18:00	62054	15	100	2.24	213.2	7.447	3.587	213.2	7.447	4.89	214.7	5.304	28.46	29	29.01	0.532	0.547	3.091	-20.69	72.79	889	0
4/10/2014 18:15	62055	15	100	1.567	206.8	5.481	3.009	206.8	5.481	4.636	214.5	4.211	26.72	28.3	28.87	1.576	2.152	3.672	-19.84	25.77	890	0
4/10/2014 18:30	62056	15	100	1.426	218.6	7.34	3.039	218.6	7.34	6.007	222.5	4.095	25.31	27.37	28.62	2.061	3.316	4.243	-19.09	4.555	890	0
4/10/2014 18:45	62057	15	100	1.744	214.6	7.28	2.925	214.6	7.28	5.42	235.1	7.966	24.5	26.14	28.06	1.642	3.555	4.682	-18.49	0.731	890	0
4/10/2014 19:00	62058	15	100	1.291	202.7	10.17	2.523	202.7	10.17	4.426	237.4	6.319	23.15	25.45	27.29	2.299	4.136	5.089	-18.46	0.465	890	0
4/10/2014 19:15	62059	15	100	1.407	202.4	8.18	2.445	202.4	8.18	4.63	237.4	4.521	21.35	24.92	27	3.561	5.65	5.968	-17.84	0.391	890	0
4/10/2014 19:30	62060	15	100	0.858	206.5	8.85	1.895	206.5	8.85	4.584	247.1	5.582	20.26	24.81	26.62	4.555	6.357	6.511	-17.59	0.438	890	0
4/10/2014 19:45	62061	15	100	1.29	181.8	8.93	2.975	181.8	8.93	3.912	226.4	9.81	18.92	24.98	26.24	6.066	7.326	6.974	-17.8	0.366	890	0
4/10/2014 20:00	62062	15	100	0.909	160.1	5.755	3.477	160.1	5.755	4.383	217.7	4.464	17.15	23.32	26.35	6.167	9.19	8.66	-16.49	0.511	891	0
4/10/2014 20:15	62063	15	100	1.133	170.3	5.436	3.349	170.3	5.436	5.429	220.3	3.524	17.21	22.4	25.51	5.192	8.3	8.28	-16.99	0.615	891	0
4/10/2014 20:30	62064	15	100	1.255	164.5	8	2.973	164.5	8	5.313	213.2	5.773	17.34	22.19	24.82	4.851	7.476	7.746	-17.69	0.678	891	0
4/10/2014 20:45	62065	15	100	0.889	166	17.02	2.338	166	17.02	5.469	208.8	4.509	17.94	21.17	24.15	3.232	6.218	7.116	-18.29	0.626	891	0
4/10/2014 21:00	62066	15	100	1.084	170.5	4.319	2.459	170.5	4.319	5.697	209.3	2.533	17.22	20.69	23.28	3.473	6.056	7.18	-18.7	0.76	891	0
4/10/2014 21:15	62067	15	100	0.852	176.7	3.213	2.804	176.7	3.213	6.689	217.3	2.959	16.14	20.05	23.68	3.916	7.54	8.2	-17.9	0.669	891	0
4/10/2014 21:30	62068	15	100	0.703	174.1	4.399	2.113	174.1	4.399	6.041	226.9	3.243	15.63	19.16	24.08	3.531	8.45	8.51	-17.86	0.684	891	0
4/10/2014 21:45	62069	15	100	0.775	162.9	9.8	1.855	162.9	9.8	4.824	230.3	4.39	15.27	19.51	23.33	4.246	8.07	8.78	-17.76	0.53	891	0
4/10/2014 22:00	62070	15	100	0.412	169.3	8.23	2.141	169.3	8.23	4.648	236.7	3.374	14.99	20.2	23.13	5.21	8.14	9.03	-17.62	0.543	891	0
4/10/2014 22:15	62071	15	100	0.521	147.4	5.662	2.389	147.4	5.662	3.496	229.2	5.298	14.2	19.09	21.98	4.893	7.779	9.46	-17.69	0.47	891	0
4/10/2014 22:30	62072	15	100	0.669	136.3	6.672	2.607	136.3	6.672	2.492	216.2	10.86	13.52	18.62	21.44	5.106	7.924	10	-17.56	0.366	891	0
4/10/2014 22:45	62073	15	100	0.831	126.9	6.24	2.443	126.9	6.24	1.908	215	11.87	12.13	18.52	21.31	6.389	9.19	11.13	-17.39	0.379	891	0
4/10/2014 23:00	62074	15	100	0.681	128.4	6.463	2.849	128.4	6.463	1.636	200.1	18.41	11.55	19.72	21.2	8.18	9.66	12.15	-16.78	0.453	891	0
4/10/2014 23:15	62075	15	100	0.557	120.8	8.86	2.274	120.8	8.86	1.463	228.4	28.68	12.05	19.79	21.77	7.745	9.72	11.19	-17.37	0.457	891	0
4/10/2014 23:30	62076	15	100	0.748	135.6	6.701	2.194	135.6	6.701	1.874	229.9	14.36	10.7	20.06	21.99	9.36	11.29	12.63	-16.99	0.358	891	0
4/10/2014 23:45	62077	15	100	0.864	150.3	35.96	1.544	150.3	35.96	2.978	237.8	22.1	12.12	19.43	22.66	7.306	10.54	11.63	-16.94	0.557	891	0
4/11/2014 0:00	62078	15	101	0.854	141.6	12.03	1.943	141.6	12.03	2.637	241.1	11.98	11.47	20.07	22.59	8.6	11.12	11.34	-17.69	0.635	891	0
4/11/2014 0:15	62079	15	101	0.846	132	10.5	2.002	132	10.5	2.307	232.6	16.07	11.74	19.65	22.41	7.906	10.67	11.48	-17.32	0.546	891	0
4/11/2014 0:30	62080	15	101	0.568	134.5	7.695	2.526	134.5	7.695	2.467	224.3	13.38	11.63	19.85	22.45	8.22	10.82	11.6	-17.27	0.513	891	0
4/11/2014 0:45	62081	15	101	0.462	137.1	9.9	2.495	137.1	9.9	2.292	211.7	11.48	13.25	18.63	22.09	5.382	8.84	10.13	-17.63	0.453	891	0
4/11/2014 1:00	62082	15	101	0.503	125.8	7.487	2.558	125.8	7.487	2.067	201	12.41	12.94	17.99	21.78	5.051	8.84	9.9	-18.12	0.561	891	0
4/11/2014 1:15	62083	15	101	0.605	121	7.695	2.474	121	7.695	1.564	215.6	16.39	13.97	18.12	21.85	4.145	7.874	9.15	-18.25	0.524	891	0
4/11/2014 1:30	62084	15	101	0.95	128.1	8.01	2.021	128.1	8.01	1.516	243.4	16.5	12.17	19.69	21.86	7.523	9.7	10.44	-18.16	0.326	891	0
4/11/2014 1:45	62085	15	101	0.748	164.2	21	1.336	164.2	21	2.293	256.5	8.05	10.12	21.71	22.15	11.59	12.02	13.14	-16.96	0.305	891	0
4/11/2014 2:00	62086	15	101	1.201	158.2	12.26	0.755	158.2	12.26	1.995	273.1	7.482	8.97	21.64	22.04	12.66	13.07	14.69	-16.56	0.317	891	0
4/11/2014 2:15	62087	15	101	0.574	146.9	6.595	2.084	146.9	6.595	1.658	247.7	12.26	10.12	21.12	21.77	11	11.65	13.27	-16.89	0.408	891	0
4/11/2014 2:30	62088	15	101	1.212	112.1	32.1	1.138	112.1	32.1	1.715	276.2	24.29	10.92	21.04	21.81	10.12	10.89	11.78	-17.65	0.46	890	0
4/11/2014 2:45	62089	15	101	1.295	2.591	16.73	0.53	2.591	16.73	1.929	332	8.83	9.01	21.14	21.75	12.13	12.74	14.03	-17.08	0.383	890	0
4/11/2014 3:00	62090	15	101	1.023	55.6	17.21	0.541	55.6	17.21	1.805	2.404	12.37	8.24	20.9	21.55	12.65	13.31	15.02	-16.88	0.397	890	0
4/11/2014 3:15	62091	15	101	1.99	39.98	6.418	2.019	39.98	6.418	3.199	24.41	2.699	8.71	20.38	21.19	11.67	12.47	15.34	-16.24	0.618	890	0
4/11/2014 3:30	62092	15	101	1.121	71.79	10.23	2.338	71.79	10.23	3.036	30.96	3.443	9.3	18.01	20.72	8.7	11.42	14.46	-16.48	0.447	891	0
4/11/2014 3:45	62093	15	101	1.441	55.91	3.319	2.353	55.91	3.319	2.974	21.08	4.008	9.01	19.55	20.34	10.54	11.33	14.24	-16.89	0.58	891	0
4/11/2014 4:00	62094	15	101	0.87	117.3	18.57	2.266	117.3	18.57	1.464	43.55	13.82	8.77	17.98	19.7	9.21	10.93	14.91	-16.54	0.424	891	0
4/11/2014 4:15	62095	15	101	1.113	76.55	28.92	1.043	76.55	28.92	2.159	344.6	14.44	8.03	19.23	19.6	11.2	11.57	15.83	-16.43	0.393	891	0
4/11/2014 4:30	62096	15	101	0.609	171.2	27.6	0.759	171.2	27.6	0.951	292.4	20.59	8.02	19.08	19.15	11.05	11.12	16.1	-16.22	0.283	891	0
4/11/2014 4:45	62097	15	101	1.211	264.5	12.82	0.929	264.5	12.82	1.571	297.9	6.663	6.445	18.85	19.09	12.4	12.65	18.62	-15.78	0.345	891	0
4/11/2014 5:00	62098	15	101	1.245	271	15	1.776	271	15	2.319	285.9	4.548	6.429	18.52	18.79	12.1	12.37	18.48	-15.88	0.434	892	0
4/11/2014 5:15	62099	15	101	0.946	274.9	19.16	1.949	274.9	19.16	3.185	285.2	10.24	8.04	17.25	18.59	9.21	10.55	16.47	-16.02	0.745	892	0
4/11/2014 5:30	62100	15	101	0.649	234	6.12	1.673	234	6.12	3.82	280.7	4.007	10.53	15.92	18.19	5.389	7.664	13	-16.79	2.688	892	0
4/11/2014 5:45	62101	15	101	0.638	250	8.86	2.417	250	8.86	4.518	269.2	3.425	8.92	15.17	17.83	6.251	8.91	13.99	-17.21	12.52	892	0
4/11/2014 6:00	62102	15	101	0.946	286.1	18.12	1.48	286.1	18.12	4.293	273.4	6.326	8.82	14.32	17.83	5.505	9.01	14.99	-16.47	62.72	892	0
4/11/2014 6:15	62103	15	101	0.717	279.3	10.74	1.538	279.3	10.74	3.713	287.1	2.951	11.54	15.12	17.79	3.576	6.252	14.1	-15.06	142.6	893	0
4/11/2014 6:30	62104	15	101	0.612	302.8	21.68	1.431	302.8	21.68	2.809	295.8	9.67	14.95	15.94	17.57	0.994	2.629	10.74	-15.6	156.1	893	0
4/11/2014 6:45	62105	15	101	0.622	331.5	12.62	1.187	331.5	12.62	2.979	317	3.504	15.44	16	17.22	0.562	1.784	11.01	-14.91	196.1	893	0
4/11/2014 7:00	62106	15	101	1.179	305.9	15.06	1.211	305.9	15.06	2.562	319.4	6.952	17	17	17.03	-0.006	0.021	8.2	-17.29	254.2	893	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/11/2014 7:15	62107	15	101	1.57	307.8	12.94	1.53	307.8	12.94	2.23	325.8	10	17.76	17.66	17.29	-0.103	-0.478	7.377	-17.95	387.7	893	0
4/11/2014 7:30	62108	15	101	1.921	293.1	10.07	2.017	293.1	10.07	1.916	305.6	9.35	18.46	18.23	17.92	-0.229	-0.538	7.05	-17.96	251.7	893	0
4/11/2014 7:45	62109	15	101	1.67	292.6	9.24	1.883	292.6	9.24	1.871	298.9	7.368	18.53	18.24	17.73	-0.282	-0.794	7.334	-17.44	242.5	893	0
4/11/2014 8:00	62110	15	101	1.966	282.8	9.01	2.429	282.8	9.01	2.71	289.2	8.89	18.55	18.18	17.72	-0.365	-0.829	7.435	-17.27	267.4	893	0
4/11/2014 8:15	62111	15	101	2.035	280.3	8.55	2.62	280.3	8.55	2.927	283.3	7.471	18.62	18.21	17.82	-0.416	-0.804	7.053	-17.84	283.4	893	0
4/11/2014 8:30	62112	15	101	1.686	273	12.53	2.271	273	12.53	2.416	281.7	8.65	19.37	18.91	18.44	-0.46	-0.924	7.083	-17.25	318.7	893	0
4/11/2014 8:45	62113	15	101	1.812	276.9	20.23	2.081	276.9	20.23	2.25	287.2	12.46	19.79	19.37	18.93	-0.418	-0.864	6.717	-17.66	365.7	894	0
4/11/2014 9:00	62114	15	101	2.037	286.6	11.52	2.449	286.6	11.52	2.516	290.8	10.55	20.39	19.89	19.33	-0.5	-1.055	6.189	-18.1	482.6	894	0
4/11/2014 9:15	62115	15	101	2.511	303	14.23	2.682	303	14.23	2.662	307.9	12.81	21.1	20.63	20.07	-0.461	-1.024	5.988	-17.99	510.8	894	0
4/11/2014 9:30	62116	15	101	3.085	307.7	14.05	3.224	307.7	14.05	3.097	313.8	11.11	21.93	21.27	20.66	-0.668	-1.274	5.718	-17.93	583.6	894	0
4/11/2014 9:45	62117	15	101	3.132	320.5	13.6	3.669	320.5	13.6	3.91	319.7	12.55	22.67	21.91	21.19	-0.759	-1.471	5.342	-18.22	661.7	894	0
4/11/2014 10:00	62118	15	101	3.699	321.6	11.92	4.445	321.6	11.92	4.832	323.7	10.71	23.88	22.94	22.11	-0.948	-1.774	4.879	-18.44	861	893	0
4/11/2014 10:15	62119	15	101	4.11	324.4	12.51	5.159	324.4	12.51	5.851	326.9	10.16	25.01	23.94	23.02	-1.07	-1.995	4.339	-19.03	767.4	893	0
4/11/2014 10:30	62120	15	101	4.025	340.5	13.67	5.468	340.5	13.67	6.023	340.7	11.83	25.92	24.57	23.63	-1.343	-2.283	4.414	-18.18	881	893	0
4/11/2014 10:45	62121	15	101	3.766	337.2	16.87	4.911	337.2	16.87	5.1	338.3	13.11	26.38	25.08	24.29	-1.301	-2.09	4.344	-18.05	916	893	0
4/11/2014 11:00	62122	15	101	3.18	331.9	21.68	3.894	331.9	21.68	4.271	331.9	16.89	27.43	26.15	25.22	-1.284	-2.213	4.193	-17.75	871	893	0
4/11/2014 11:15	62123	15	101	3.074	327.9	18.15	3.796	327.9	18.15	4.082	334.5	17.68	28.09	26.96	26.09	-1.132	-2	3.932	-18.06	877	893	0
4/11/2014 11:30	62124	15	101	2.995	334.2	24.01	3.577	334.2	24.01	4.004	335.6	16.3	28.15	27.16	26.29	-0.987	-1.858	3.848	-18.27	672.2	893	0
4/11/2014 11:45	62125	15	101	2.165	334.3	29.45	2.645	334.3	29.45	2.767	328.9	19.66	28.12	27.41	26.74	-0.713	-1.383	3.811	-18.41	725.4	892	0
4/11/2014 12:00	62126	15	101	2.031	318.1	34.29	2.391	318.1	34.29	2.548	322.4	22.43	28.55	27.82	27.2	-0.726	-1.345	3.664	-18.58	781.2	892	0
4/11/2014 12:15	62127	15	101	1.758	305.8	40.09	1.943	305.8	40.09	2.209	321.3	29.28	28.67	28.15	27.57	-0.52	-1.094	3.453	-19.22	752.6	892	0
4/11/2014 12:30	62128	15	101	1.431	253.3	53.17	1.746	253.3	53.17	2.003	273.4	39.9	28.85	28.38	27.81	-0.478	-1.046	3.474	-19.01	595.9	892	0
4/11/2014 12:45	62129	15	101	1.533	285.6	34.72	1.827	285.6	34.72	1.85	284.4	20.88	29.16	28.51	28.11	-0.653	-1.053	3.184	-19.85	656.1	892	0
4/11/2014 13:00	62130	15	101	1.365	275.4	67.04	1.56	275.4	67.04	1.368	268.6	58.21	29.25	28.62	28.05	-0.633	-1.197	3.217	-19.65	604.5	891	0
4/11/2014 13:15	62131	15	101	1.961	204.4	69.18	2.433	204.4	69.18	2.5	214.7	68.37	29.7	28.82	28.07	-0.877	-1.634	3.166	-19.54	571.5	891	0
4/11/2014 13:30	62132	15	101	2.324	204.3	38.57	2.945	204.3	38.57	3.177	207	28.54	29.67	28.89	28.17	-0.774	-1.493	3.014	-20.16	534.7	891	0
4/11/2014 13:45	62133	15	101	1.818	227.8	36	2.234	227.8	36	2.548	222.9	42.13	29.58	28.9	28.22	-0.684	-1.357	2.926	-20.57	482.9	891	0
4/11/2014 14:00	62134	15	101	2.309	226.2	33.59	2.736	226.2	33.59	2.996	224.1	31.77	30.02	29.13	28.3	-0.882	-1.711	2.943	-20.21	676.7	891	0
4/11/2014 14:15	62135	15	101	1.613	190.7	39.02	1.898	190.7	39.02	2.368	180.2	23.68	29.92	29.18	28.44	-0.74	-1.478	2.907	-20.42	605.7	890	0
4/11/2014 14:30	62136	15	101	1.784	176.2	50.22	2.117	176.2	50.22	2.414	176.5	41.03	30.72	29.96	29.17	-0.764	-1.558	2.763	-20.53	807	890	0
4/11/2014 14:45	62137	15	101	2.197	167.5	38.55	2.64	167.5	38.55	2.924	183.3	30.56	30.45	29.61	28.85	-0.839	-1.6	2.628	-21.3	671.7	890	0
4/11/2014 15:00	62138	15	101	2.539	169.8	28.28	3.066	169.8	28.28	3.445	180.7	21.96	30.66	29.68	28.96	-0.981	-1.697	2.455	-22	622.1	890	0
4/11/2014 15:15	62139	15	101	1.751	160.3	29.74	2.174	160.3	29.74	2.382	162.6	25.67	30.18	29.59	28.98	-0.592	-1.197	2.582	-21.67	330.8	890	0
4/11/2014 15:30	62140	15	101	1.613	177.7	33.52	2.068	177.7	33.52	2.438	186.7	27.43	30.28	29.74	29.1	-0.533	-1.178	2.773	-20.75	334.3	889	0
4/11/2014 15:45	62141	15	101	2.334	196.8	13.53	2.908	196.8	13.53	3.126	200	14.9	30.45	29.75	29.15	-0.698	-1.306	2.94	-19.97	309.3	889	0
4/11/2014 16:00	62142	15	101	1.996	225.2	39.67	2.483	225.2	39.67	2.688	231.1	22.42	30.26	29.8	29.21	-0.459	-1.049	2.85	-20.44	247.9	889	0
4/11/2014 16:15	62143	15	101	3.363	193.6	28.24	4.399	193.6	28.24	4.841	197.3	26.08	30.27	29.78	29.15	-0.49	-1.116	2.699	-21.14	241.2	889	0
4/11/2014 16:30	62144	15	101	2.529	172.7	12.83	3.392	172.7	12.83	3.738	174.7	8.9	30.16	29.67	29.07	-0.49	-1.095	2.672	-21.29	214.9	889	0
4/11/2014 16:45	62145	15	101	3.675	181.3	10.74	4.935	181.3	10.74	5.61	182.1	7.721	30.01	29.63	29.06	-0.376	-0.947	2.627	-21.63	197.6	889	0
4/11/2014 17:00	62146	15	101	4.091	176.9	8.73	5.399	176.9	8.73	6.403	177.1	6.5	29.84	29.52	28.93	-0.32	-0.907	2.56	-22.08	191.9	889	0
4/11/2014 17:15	62147	15	101	3.54	173.4	9.88	4.782	173.4	9.88	5.375	173	6.774	29.74	29.4	28.85	-0.34	-0.89	2.633	-21.82	203.1	889	0
4/11/2014 17:30	62148	15	101	2.775	185.4	13.83	3.801	185.4	13.83	4.386	183.6	10.56	29.92	29.5	28.91	-0.41	-1.007	2.616	-21.72	227.7	889	0
4/11/2014 17:45	62149	15	101	2.659	150.3	18.27	3.616	150.3	18.27	3.903	153.4	15.4	29.38	29.3	28.84	-0.079	-0.535	2.673	-21.81	130.7	889	0
4/11/2014 18:00	62150	15	101	2.49	156	10.41	3.971	156	10.41	4.945	157.8	8.4	27.91	28.64	28.69	0.726	0.783	3.04	-21.26	43.85	889	0
4/11/2014 18:15	62151	15	101	2.235	141.7	3.544	4.611	141.7	3.544	5.631	145.9	2.194	25.78	27.96	28.5	2.188	2.726	3.638	-20.59	14.89	889	0
4/11/2014 18:30	62152	15	101	1.574	138.5	4.775	4.132	138.5	4.775	5.539	150.5	1.691	23.7	26.79	28.37	3.087	4.662	4.35	-19.93	3.542	889	0
4/11/2014 18:45	62153	15	101	1.393	138.2	2.215	3.882	138.2	2.215	5.226	153.6	2.187	21.81	26.45	28.38	4.64	6.576	5.237	-19.07	0.584	889	0
4/11/2014 19:00	62154	15	101	1.478	137	3.597	4.096	137	3.597	5.083	155.1	2.451	20.27	26.54	28.12	6.267	7.846	6.225	-18.12	0.461	889	0
4/11/2014 19:15	62155	15	101	1.781	128.3	2.022	4.404	128.3	2.022	6.052	160.1	1.738	20.52	25.59	28.08	5.073	7.563	6.232	-17.93	0.729	889	0
4/11/2014 19:30	62156	15	101	1.794	127	2.599	4.354	127	2.599	6.221	162.8	2.238	20.53	23.39	28.06	2.852	7.53	6.357	-17.68	0.835	890	0
4/11/2014 19:45	62157	15	101	1.864	126.5	3.362	4.574	126.5	3.362	5.959	158.9	1.76	20.27	23.6	27.89	3.33	7.617	6.471	-17.66	0.776	890	0
4/11/2014 20:00	62158	15	101	1.67	124.3	2.818	4.313	124.3	2.818	5.951	163.4	5.129	19.87	22.97	27.7	3.096	7.83	6.579	-17.75	0.758	890	0
4/11/2014 20:15	62159	15	101	1.614	132.4	5.428	4.096	132.4	5.428	5.926	169.9	3.374	19.37	23.44	27.02	4.072	7.649	6.806	-17.72	0.672	890	0
4/11/2014 20:30	62160	15	101	1.32	181	56.34	2.875	181	56.34	5.308	186.9	16.62	19.46	21.48	24.98	2.024	5.523	6.909	-17.48	0.653	890	0
4/11/2014 20:45	62161	15	101	0.939	212.1	26.96	1.803	212.1	26.96	3.86	208.6	9.42	18.77	21.66	23.31	2.886	4.535	7.459	-17.06	0.44	890	0
4/11/2014 21:00	62162	15	101	1.023	171.2	6.624	1.86	171.2	6.624	4.651	221.2	5.661	17.85	21.68	24.45	3.831	6.608	7.811	-17.23	0.383	890	0
4/11/2014 21:15	62163	15	101	0.725	201.4	14.3	1.257	201.4	14.3	5.636	254.2	6.489	16.08	21.72	26.21	5.645	10.13	8.51	-17.58	0.419	890	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/11/2014 21:30	62164	15	101	1.372	265.8	23.64	1.238	265.8	23.64	6.585	276.3	6.372	13.45	22.49	26.72	9.04	13.27	10.61	-16.89	0.66	890	0
4/11/2014 21:45	62165	15	101	1.124	252.1	17.58	1.996	252.1	17.58	6.791	271.2	3.977	15.89	22.92	26.54	7.028	10.65	9.75	-16.22	1.001	890	0
4/11/2014 22:00	62166	15	101	0.938	252.7	6.64	2.668	252.7	6.64	6.459	265.9	2.221	17.54	23.17	26.28	5.631	8.74	7.866	-17.42	1.255	890	0
4/11/2014 22:15	62167	15	101	0.98	275.3	21.42	1.734	275.3	21.42	5.624	267.9	3.435	15.16	22.02	25.28	6.856	10.12	10.16	-16.1	0.617	890	0
4/11/2014 22:30	62168	15	101	0.81	292.7	17.75	1.384	292.7	17.75	4.466	274.2	7.309	15.66	21.82	25.2	6.16	9.54	9.66	-16.35	0.624	890	0
4/11/2014 22:45	62169	15	101	1.544	10.25	8.45	0.842	10.25	8.45	2.986	280.6	7.948	13.7	21.58	25.24	7.879	11.54	11.78	-15.46	0.429	890	0
4/11/2014 23:00	62170	15	101	0.617	87.8	47.56	0.876	87.8	47.56	2.527	264.3	23.5	12	21.85	24.75	9.85	12.75	13.69	-14.97	0.387	890	0
4/11/2014 23:15	62171	15	101	0.78	159.4	13.68	1.088	159.4	13.68	3.048	222	8.52	11.45	21.43	23.36	9.98	11.91	14.59	-14.65	0.406	890	0
4/11/2014 23:30	62172	15	101	0.586	176.1	8	1.498	176.1	8	3.257	230	7.9	11.27	21.47	23.69	10.2	12.42	15.24	-14.25	0.457	890	0
4/11/2014 23:45	62173	15	101	0.755	152.2	4.728	2.909	152.2	4.728	2.96	213.2	5.289	13.26	21.18	22.79	7.926	9.53	13.17	-14.46	0.676	890	0
4/12/2014 0:00	62174	15	102	0.744	140.6	4.714	2.476	140.6	4.714	3.467	231.9	7.373	14.38	20.85	23.95	6.467	9.57	11.71	-14.98	0.879	890	0
4/12/2014 0:15	62175	15	102	0.637	142.7	4.622	2.007	142.7	4.622	3.141	248.6	5.411	13.91	21.15	24.75	7.236	10.84	11.99	-15.06	0.652	889	0
4/12/2014 0:30	62176	15	102	1.031	135.8	6.51	1.314	135.8	6.51	1.928	247.2	7.99	12.64	22.17	25.13	9.53	12.49	13.53	-14.61	0.494	889	0
4/12/2014 0:45	62177	15	102	1.201	138.3	12.09	0.988	138.3	12.09	1.855	245.4	9.5	12.57	22.4	25.34	9.83	12.77	14.18	-14.09	0.471	889	0
4/12/2014 1:00	62178	15	102	0.423	172.4	7.802	2.038	172.4	7.802	2.489	232.4	7.298	11.99	22.16	24.5	10.18	12.51	15.18	-13.72	0.378	889	0
4/12/2014 1:15	62179	15	102	0.48	147.6	5.037	2.977	147.6	5.037	2.479	227.8	6.806	12.86	20.97	23.79	8.11	10.93	14.57	-13.54	0.506	889	0
4/12/2014 1:30	62180	15	102	0.534	138.7	3.277	2.827	138.7	3.277	2.409	237.5	7.096	14.08	20.77	23.93	6.694	9.85	12.86	-14.08	0.497	889	0
4/12/2014 1:45	62181	15	102	0.474	137.7	3.286	3.16	137.7	3.286	2.448	204.3	8.85	14.5	20.7	23.33	6.2	8.83	12.46	-14.13	0.72	889	0
4/12/2014 2:00	62182	15	102	0.76	132.3	3.865	3.05	132.3	3.865	2.644	204.3	5.455	15.33	20.21	23.47	4.883	8.14	11.57	-14.38	0.866	889	0
4/12/2014 2:15	62183	15	102	0.442	123.9	2.959	3.083	123.9	2.959	2.421	208.7	5.456	15.47	19.05	23.52	3.574	8.05	11.66	-14.17	0.635	889	0
4/12/2014 2:30	62184	15	102	0.338	126.3	5.801	2.515	126.3	5.801	2.604	196.7	7.267	15.49	17.92	23.36	2.43	7.868	11.81	-14	0.581	889	0
4/12/2014 2:45	62185	15	102	0.741	126.8	2.398	3.241	126.8	2.398	1.967	192.5	7.656	15.66	18.93	23.45	3.263	7.784	11.72	-13.97	0.749	889	0
4/12/2014 3:00	62186	15	102	0.705	134.4	4.414	3.078	134.4	4.414	3.66	186.4	5.252	15.79	19.05	22.27	3.262	6.483	11.84	-13.74	0.842	889	0
4/12/2014 3:15	62187	15	102	0.519	137.8	3.525	2.954	137.8	3.525	4.404	177.3	3.773	16.01	18.72	20.7	2.713	4.688	11.82	-13.58	0.677	889	0
4/12/2014 3:30	62188	15	102	0.335	129.8	6.674	2.369	129.8	6.674	4.213	170.2	5.537	16.05	17.57	20.79	1.517	4.746	12.03	-13.34	0.702	888	0
4/12/2014 3:45	62189	15	102	0.48	125.1	6.446	2.27	125.1	6.446	3.923	178.7	3.508	15.62	17.23	20.74	1.607	5.116	12.73	-12.99	0.713	888	0
4/12/2014 4:00	62190	15	102	0.922	127.4	3.719	2.445	127.4	3.719	3.917	185.5	6.61	15.13	17.38	20.88	2.242	5.745	13.68	-12.48	0.655	888	0
4/12/2014 4:15	62191	15	102	1.126	102.3	22.43	1.92	102.3	22.43	3.652	185	6.783	13.52	16.74	20.82	3.221	7.3	16.41	-11.53	0.561	888	0
4/12/2014 4:30	62192	15	102	0.967	130.9	16.39	1.889	130.9	16.39	3.514	197.4	8.57	13.76	17.17	19.87	3.416	6.108	17.17	-10.75	0.63	888	0
4/12/2014 4:45	62193	15	102	0.66	144.2	6.355	2.265	144.2	6.355	3.682	203.6	6.634	13.92	17.49	19.86	3.571	5.942	17.4	-10.46	0.695	888	0
4/12/2014 5:00	62194	15	102	0.554	150.9	5.908	2.568	150.9	5.908	3.812	204.7	5.137	13.24	17.31	19.6	4.072	6.357	19.48	-9.58	0.499	889	0
4/12/2014 5:15	62195	15	102	1.479	157.4	6.96	3.368	157.4	6.96	3.7	201	4.149	13.6	18.25	19.26	4.648	5.66	20.56	-8.59	0.827	889	0
4/12/2014 5:30	62196	15	102	1.481	162	4.342	2.895	162	4.342	3.431	211.8	6.33	13.69	18.39	19.7	4.697	6.006	21.8	-7.758	1.633	889	0
4/12/2014 5:45	62197	15	102	1.244	157.4	5.317	2.658	157.4	5.317	3.436	224.7	4.868	14.01	18.67	20.17	4.667	6.166	22.58	-7.038	6.683	889	0
4/12/2014 6:00	62198	15	102	0.848	150.7	5.269	2.909	150.7	5.269	3.271	214.6	10.6	13.8	18.28	19.84	4.48	6.041	23.25	-6.835	22.31	889	0
4/12/2014 6:15	62199	15	102	1.215	141.2	6.082	3.171	141.2	6.082	2.88	204.9	3.704	14.87	18.41	19.85	3.533	4.976	23.39	-5.849	44.03	889	0
4/12/2014 6:30	62200	15	102	1.317	152.7	7.361	2.729	152.7	7.361	3.193	204.3	3.174	16.17	19.06	20.2	2.895	4.032	22.58	-5.218	109.3	889	0
4/12/2014 6:45	62201	15	102	1.49	164.4	10.07	2.725	164.4	10.07	4.235	198.6	4.914	18.66	19.14	20.07	0.479	1.411	20.24	-4.602	175.7	889	0
4/12/2014 7:00	62202	15	102	1.932	152.9	10.22	2.708	152.9	10.22	4.002	190.6	4.65	19.74	19.53	20.33	-0.207	0.591	18.6	-4.82	245.2	889	0
4/12/2014 7:15	62203	15	102	1.971	155.6	11.62	2.543	155.6	11.62	3.578	172.9	7.846	20.62	20.3	20.24	-0.321	-0.381	17.7	-4.748	280.9	889	0
4/12/2014 7:30	62204	15	102	2.592	177.8	12.36	3.142	177.8	12.36	3.512	186.4	8.45	22.61	21.84	21.19	-0.771	-1.418	15.84	-4.616	493	889	0
4/12/2014 7:45	62205	15	102	2.382	173.8	14.15	2.92	173.8	14.15	2.96	178.4	12.47	23.12	22.44	21.88	-0.678	-1.241	15.01	-4.912	360.7	889	0
4/12/2014 8:00	62206	15	102	2.392	186.2	14.63	2.839	186.2	14.63	2.933	183.7	10.71	23.6	22.9	22.28	-0.703	-1.324	14.48	-5.003	486.8	889	0
4/12/2014 8:15	62207	15	102	2.022	196.2	17.09	2.519	196.2	17.09	2.588	196.2	12.95	24.37	23.69	23.01	-0.685	-1.361	13.74	-5.086	434.2	889	0
4/12/2014 8:30	62208	15	102	2.098	205	14.08	2.578	205	14.08	2.899	209.5	11.75	24.69	24.08	23.5	-0.609	-1.189	13.36	-5.199	362.4	889	0
4/12/2014 8:45	62209	15	102	2.507	222.4	12.92	3.033	222.4	12.92	3.369	222.7	12.53	25.45	24.67	24.01	-0.785	-1.44	12.64	-5.339	562	889	0
4/12/2014 9:00	62210	15	102	2.92	237.8	16.51	3.611	237.8	16.51	3.97	236.8	13.17	26.22	25.33	24.55	-0.896	-1.667	11.75	-5.705	635.5	889	0
4/12/2014 9:15	62211	15	102	3.513	237.5	15.19	4.484	237.5	15.19	4.748	238.5	14.42	25.95	25.12	24.5	-0.825	-1.449	11.48	-6.216	417.5	889	0
4/12/2014 9:30	62212	15	102	3.672	243.2	10.65	4.775	243.2	10.65	5.238	245.6	10.29	25.84	25.11	24.49	-0.731	-1.345	10.92	-6.957	355.6	889	0
4/12/2014 9:45	62213	15	102	3.821	242.6	12.41	4.948	242.6	12.41	5.761	246.9	11.19	25.91	25.21	24.55	-0.694	-1.361	10.7	-7.162	400.2	889	0
4/12/2014 10:00	62214	15	102	3.832	253.1	11.74	5.196	253.1	11.74	5.928	251.2	9.66	26.3	25.42	24.72	-0.883	-1.578	10.42	-7.207	455.3	889	0
4/12/2014 10:15	62215	15	102	3.613	254.6	11.75	4.89	254.6	11.75	5.539	256.7	10.3	26.34	25.56	24.91	-0.779	-1.425	10.27	-7.371	389.9	889	0
4/12/2014 10:30	62216	15	102	3.809	255.4	10.42	5.184	255.4	10.42	5.957	258.5	7.765	26.85	25.98	25.22	-0.863	-1.629	9.68	-7.759	478.4	889	0
4/12/2014 10:45	62217	15	102	3.847	249.3	11.69	5.022	249.3	11.69	5.738	253.1	8.55	27.34	26.21	25.38	-1.13	-1.961	9.23	-7.999	610.2	889	0
4/12/2014 11:00	62218	15	102	4.089	249.5	12.41	5.291	249.5	12.41	6.18	252.8	9.61	27.21	26.18	25.38	-1.03	-1.83	9.23	-8.09	506.1	888	0
4/12/2014 11:15	62219	15	102	3.579	245.5	13.7	4.619	245.5	13.7	5.312	245.1	11.51	27.48	26.45	25.59	-1.028	-1.888	8.94	-8.29	551.2	888	0
4/12/2014 11:30	62220	15	102	3.082	231.8	19.14	3.874	231.8	19.14	4.257	233.6	15.95	27.42	26.51	25.67	-0.906	-1.747	9.13	-8.07	494.3	888	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/12/2014 11:45	62221	15	102	3.235	221.8	16.42	3.996	221.8	16.42	4.353	224.2	11.55	27.13	26.26	25.56	-0.864	-1.565	9.32	-8.03	443.1	888	0
4/12/2014 12:00	62222	15	102	3.449	219.8	12.12	4.357	219.8	12.12	4.997	220.7	9.01	27.47	26.62	25.89	-0.853	-1.58	9.25	-7.856	411.7	887	0
4/12/2014 12:15	62223	15	102	3.788	217.2	12.04	4.866	217.2	12.04	5.68	219.6	9.57	27.89	27.06	26.26	-0.831	-1.629	9	-7.902	400.5	887	0
4/12/2014 12:30	62224	15	102	4.405	214.1	12.62	5.792	214.1	12.62	6.722	217	10.03	27.97	27.1	26.25	-0.871	-1.726	9.75	-6.807	401.5	887	0
4/12/2014 12:45	62225	15	102	3.563	220	16.97	4.639	220	16.97	5.38	220.3	12.74	28.1	27.28	26.51	-0.813	-1.585	10.73	-5.454	395.5	887	0
4/12/2014 13:00	62226	15	102	2.909	234.8	17.25	3.763	234.8	17.25	4.365	236.2	13.1	28.11	27.43	26.76	-0.682	-1.349	11.48	-4.546	327.2	887	0
4/12/2014 13:15	62227	15	102	4.733	236	10.73	6.288	236	10.73	7.586	237	8.39	28.26	27.69	27.04	-0.571	-1.224	12.15	-3.673	298.2	886	0
4/12/2014 13:30	62228	15	102	4.397	234.5	11.28	5.848	234.5	11.28	7.628	234	8.21	28.61	28.01	27.32	-0.594	-1.282	12.47	-3.05	311.6	886	0
4/12/2014 13:45	62229	15	102	5.402	234.8	12.5	7.535	234.8	12.5	9.26	235.9	10.16	28.72	28.19	27.54	-0.532	-1.179	12.54	-2.893	285.9	886	0
4/12/2014 14:00	62230	15	102	5.96	232.3	12.89	7.957	232.3	12.89	10.34	231.8	10.3	28.59	28.14	27.5	-0.454	-1.096	12.82	-2.697	281.7	886	0
4/12/2014 14:15	62231	15	102	5.332	210.8	9.43	7.341	210.8	9.43	9.15	212.8	6.596	28.71	28.2	27.49	-0.506	-1.22	12.23	-3.234	262.2	885	0
4/12/2014 14:30	62232	15	102	5.297	206.9	10.79	7.112	206.9	10.79	8.61	211	9.34	28.65	28.22	27.58	-0.431	-1.072	12.67	-2.805	236	885	0
4/12/2014 14:45	62233	15	102	4.964	212.3	11.4	6.702	212.3	11.4	8.32	216.1	8.71	28.87	28.41	27.78	-0.463	-1.091	12.65	-2.653	264.7	885	0
4/12/2014 15:00	62234	15	102	6.216	222.5	14.31	8.52	222.5	14.31	10.95	223.9	10.61	29.02	28.64	28.03	-0.381	-0.988	12.29	-2.938	229.2	884	0
4/12/2014 15:15	62235	15	102	5.873	230.1	9.98	7.714	230.1	9.98	10.35	231	6.719	28.85	28.57	28.04	-0.279	-0.812	11.51	-3.947	193.6	884	0
4/12/2014 15:30	62236	15	102	5.278	226.6	9.99	7.147	226.6	9.99	9.2	226.7	7.038	28.91	28.63	28.12	-0.284	-0.791	11.18	-4.283	200.5	884	0
4/12/2014 15:45	62237	15	102	5.917	232	12.43	7.967	232	12.43	9.93	233.1	11.39	29.03	28.81	28.33	-0.219	-0.697	10.2	-5.421	161.5	884	0
4/12/2014 16:00	62238	15	102	7.474	241.4	8.8	9.96	241.4	8.8	12.45	241	8.17	28.78	28.66	28.24	-0.114	-0.535	9.27	-6.848	101.9	884	0
4/12/2014 16:15	62239	15	102	8.98	243	7.326	12.21	243	7.326	14.45	244.9	6.354	28.16	28.07	27.66	-0.082	-0.502	12.89	-3.043	82.9	884	0
4/12/2014 16:30	62240	15	102	7.441	244.8	7.989	9.98	244.8	7.989	12.43	248.3	5.909	27.84	27.77	27.39	-0.066	-0.449	13.29	-2.804	77.62	884	0
4/12/2014 16:45	62241	15	102	6.311	241.1	8.84	8.41	241.1	8.84	10.37	241	8.25	27.65	27.64	27.28	-0.011	-0.369	12.41	-3.864	61.29	884	0
4/12/2014 17:00	62242	15	102	6.817	241.6	9.27	9.15	241.6	9.27	11.51	243	8.1	27.35	27.37	27.04	0.025	-0.306	11.99	-4.564	38.33	884	0
4/12/2014 17:15	62243	15	102	6.189	241.3	9.51	8.39	241.3	9.51	10.51	240.1	7.788	27.04	27.12	26.82	0.072	-0.224	11.86	-4.944	28.04	884	0
4/12/2014 17:30	62244	15	102	4.833	233.1	9.73	6.363	233.1	9.73	8.62	232.8	7.392	26.71	26.82	26.59	0.103	-0.121	12.15	-4.879	21.71	884	0
4/12/2014 17:45	62245	15	102	5.759	239.7	9.47	7.67	239.7	9.47	9.74	240.7	8.56	26.63	26.75	26.51	0.121	-0.122	12.61	-4.444	14.12	884	0
4/12/2014 18:00	62246	15	102	4.983	240.8	8.76	6.888	240.8	8.76	9.13	240.4	7.354	26.5	26.68	26.45	0.177	-0.051	12.42	-4.751	6.876	885	0
4/12/2014 18:15	62247	15	102	4.486	234.1	9.89	6.2	234.1	9.89	8.95	235	6.709	26.17	26.36	26.23	0.191	0.061	12.32	-5.114	2.918	884	0
4/12/2014 18:30	62248	15	102	7.35	237.2	10.02	9.83	237.2	10.02	12.36	237.1	7.766	26.36	26.47	26.19	0.11	-0.166	13.29	-3.975	1.654	884	0
4/12/2014 18:45	62249	15	102	6.051	225.1	9.91	8.4	225.1	9.91	11.54	224.8	7.402	25.8	25.94	25.77	0.139	-0.029	14.78	-2.992	1.127	885	0
4/12/2014 19:00	62250	15	102	7.867	220.9	8.49	10.87	220.9	8.49	13.67	222.4	5.639	25.47	25.54	25.3	0.073	-0.169	17.45	-1.005	1.219	885	0
4/12/2014 19:15	62251	15	102	6.489	224.7	8.46	8.73	224.7	8.46	11.7	225.5	6.14	24.87	24.95	24.72	0.074	-0.148	19.82	0.258	1.044	885	0
4/12/2014 19:30	62252	15	102	7.963	227	9.3	10.82	227	9.3	14.27	227.7	6.379	24.43	24.46	24.2	0.036	-0.226	22.52	1.665	1.188	885	0
4/12/2014 19:45	62253	15	102	7.695	231.3	9.91	10.37	231.3	9.91	13.74	231.6	6.54	23.76	23.77	23.47	0.011	-0.294	25.81	3.021	1.138	886	0
4/12/2014 20:00	62254	15	102	6.934	226.9	8.78	9.4	226.9	8.78	12.25	227.6	5.615	23.21	23.23	22.95	0.023	-0.258	28.13	3.776	1.145	886	0
4/12/2014 20:15	62255	15	102	7.113	222.9	7.956	9.8	222.9	7.956	12.58	223.6	4.926	22.86	22.9	22.65	0.042	-0.215	29.11	3.962	1.27	886	0
4/12/2014 20:30	62256	15	102	5.377	215.8	8.77	7.484	215.8	8.77	10.06	218.1	5.626	22.47	22.54	22.33	0.074	-0.139	30.13	4.113	1.044	886	0
4/12/2014 20:45	62257	15	102	4.073	217.1	8.63	5.566	217.1	8.63	7.403	219.1	6.136	22.18	22.29	22.12	0.117	-0.056	30.87	4.209	0.925	886	0
4/12/2014 21:00	62258	15	102	2.871	216.9	9.13	4.042	216.9	9.13	5.892	219.2	6.431	21.78	21.99	21.92	0.207	0.138	31.74	4.264	0.672	886	0
4/12/2014 21:15	62259	15	102	3.749	220.1	8.77	5.352	220.1	8.77	7.405	223.6	7.649	21.8	22.04	22.01	0.237	0.214	31.68	4.249	0.996	885	0
4/12/2014 21:30	62260	15	102	4.578	223.4	9.07	6.396	223.4	9.07	8.95	226.6	5.522	21.93	22.12	22.11	0.194	0.177	31.19	4.139	1.119	885	0
4/12/2014 21:45	62261	15	102	5.458	234.5	9.67	7.358	234.5	9.67	10.14	236.4	6.975	22.14	22.27	22.12	0.134	-0.021	30.6	4.05	1.254	885	0
4/12/2014 22:00	62262	15	102	5.732	238.7	9.21	7.644	238.7	9.21	9.52	237.1	7.714	22.23	22.34	22.08	0.115	-0.145	30.37	4.018	1.071	885	0
4/12/2014 22:15	62263	15	102	5.8	236.2	9.8	7.802	236.2	9.8	10.29	235.5	8.06	22.2	22.32	22.07	0.117	-0.132	30.44	4.029	1.058	885	0
4/12/2014 22:30	62264	15	102	5.089	236.3	9.32	6.699	236.3	9.32	8.84	235.3	7.307	22.01	22.15	21.91	0.134	-0.1	30.59	3.932	0.989	885	0
4/12/2014 22:45	62265	15	102	3.943	233.7	9.4	5.254	233.7	9.4	7.837	232.8	6.458	21.65	21.8	21.67	0.151	0.016	31.23	3.92	0.881	885	0
4/12/2014 23:00	62266	15	102	4.984	230.1	9.89	6.748	230.1	9.89	9.6	230.7	6.07	21.73	21.9	21.8	0.171	0.073	31.28	4.008	1.083	885	0
4/12/2014 23:15	62267	15	102	5.4	224.9	8.04	7.546	224.9	8.04	10.31	227.8	4.898	21.74	21.91	21.82	0.164	0.08	31.23	3.998	1.194	885	0
4/12/2014 23:30	62268	15	102	4.984	225.5	8.42	6.756	225.5	8.42	9.23	226.6	5.504	21.6	21.76	21.68	0.156	0.071	31.6	4.045	1.005	885	0
4/12/2014 23:45	62269	15	102	5.038	226.7	8.47	6.926	226.7	8.47	9.43	227.8	5.437	21.62	21.78	21.66	0.155	0.035	31.72	4.114	1.024	885	0
4/13/2014 0:00	62270	15	103	4.849	228.7	8.86	6.691	228.7	8.86	9.36	229.5	5.381	21.45	21.61	21.49	0.155	0.036	32.17	4.164	1.117	885	0
4/13/2014 0:15	62271	15	103	4.382	226.2	8.38	6.021	226.2	8.38	8.28	227.8	5.136	21.18	21.35	21.22	0.172	0.041	32.93	4.263	1.008	885	0
4/13/2014 0:30	62272	15	103	3.89	228.5	9.45	5.364	228.5	9.45	8.06	228.5	5.718	20.84	20.99	20.89	0.153	0.046	33.74	4.307	0.889	885	0
4/13/2014 0:45	62273	15	103	3.726	223.6	8.03	5.353	223.6	8.03	8.1	225.3	4.819	20.44	20.63	20.62	0.198	0.189	34.47	4.259	0.981	885	0
4/13/2014 1:00	62274	15	103	3.278	227.4	9.02	4.605	227.4	9.02	6.681	226.8	5.526	20.31	20.5	20.45	0.194	0.138	34.8	4.282	0.767	885	0
4/13/2014 1:15	62275	15	103	2.393	230.7	10.82	3.496	230.7	10.82	5.708	228.3	6.289	19.99	20.27	20.26	0.281	0.273	35.48	4.276	0.69	885	0
4/13/2014 1:30	62276	15	103	2.249	232.8	10.35	3.313	232.8	10.35	5.365	230.4	6.404	19.94	20.24	20.23	0.304	0.295	35.27	4.144	0.791	885	0
4/13/2014 1:45	62277	15	103	1.991	239.5	11.09	2.933	239.5	11.09	4.994	233.1	7.114	19.73	20.07	20.07	0.339	0.335	35.19	3.932	0.741	885	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/13/2014 2:00	62278	15	103	2.582	237.3	12.79	3.911	237.3	12.79	6.242	242.7	9.83	20.11	20.49	20.64	0.376	0.522	33.04	3.361	0.895	885	0
4/13/2014 2:15	62279	15	103	2.99	247.6	9.73	4.297	247.6	9.73	6.574	252.7	7.412	20.61	20.94	21.03	0.327	0.417	29.28	2.1	0.929	885	0
4/13/2014 2:30	62280	15	103	3.943	249.2	10.33	5.653	249.2	10.33	8.07	253.7	7.222	20.94	21.24	21.26	0.302	0.318	26.46	0.963	1.012	885	0
4/13/2014 2:45	62281	15	103	4.827	257.7	8.87	6.95	257.7	8.87	9.77	261	5.539	21	21.27	21.24	0.269	0.238	24.78	0.12	1.033	884	0
4/13/2014 3:00	62282	15	103	4.256	261.8	7.248	6.538	261.8	7.248	10.01	264	4.138	20.55	20.87	20.99	0.316	0.439	25.23	-0.018	0.934	884	0
4/13/2014 3:15	62283	15	103	3.923	259.8	7.839	5.791	259.8	7.839	9.44	260.7	4.244	19.88	20.23	20.54	0.351	0.657	26.64	0.163	0.814	884	0
4/13/2014 3:30	62284	15	103	3.056	258.2	7.321	4.872	258.2	7.321	8.5	257.3	4.223	19.24	19.75	20.37	0.507	1.131	27.46	0.031	0.668	884	0
4/13/2014 3:45	62285	15	103	3.315	254.7	7.716	5.085	254.7	7.716	9.07	255.7	3.23	19.25	19.84	20.56	0.59	1.303	26.84	-0.272	0.855	884	0
4/13/2014 4:00	62286	15	103	3.084	253.9	7.278	4.87	253.9	7.278	9.09	255.9	2.59	18.96	19.61	20.59	0.648	1.63	26.68	-0.605	0.942	884	0
4/13/2014 4:15	62287	15	103	3.031	256.1	6.851	4.862	256.1	6.851	9.31	259.5	2.073	18.51	19.21	20.49	0.699	1.982	27.28	-0.686	0.79	884	0
4/13/2014 4:30	62288	15	103	2.74	249.8	7.433	4.293	249.8	7.433	8.86	258.4	1.732	17.9	18.6	20.22	0.708	2.324	28.38	-0.675	0.87	884	0
4/13/2014 4:45	62289	15	103	2.269	250	6.644	3.66	250	6.644	7.794	255.2	1.749	16.85	17.67	19.9	0.827	3.054	30.22	-0.724	0.728	884	0
4/13/2014 5:00	62290	15	103	1.979	251.5	5.358	3.723	251.5	5.358	7.413	255.4	3.035	16.02	17.44	19.93	1.419	3.909	31.63	-0.822	0.673	885	0
4/13/2014 5:15	62291	15	103	2.15	247.2	5.801	3.986	247.2	5.801	6.864	248.6	2.895	15.84	17.74	19.77	1.898	3.935	30.95	-1.272	0.73	885	0
4/13/2014 5:30	62292	15	103	1.786	237.6	9.68	3.29	237.6	9.68	6.566	244.8	5.416	16.15	18.09	19.76	1.938	3.614	30.92	-1.02	1.843	885	0
4/13/2014 5:45	62293	15	103	1.709	231.9	8.4	3.461	231.9	8.4	6.147	239.8	5.814	14.54	17.38	18.88	2.836	4.344	34.39	-0.976	12.08	885	0
4/13/2014 6:00	62294	15	103	1.558	219.8	5.294	3.291	219.8	5.294	6.362	229.7	1.878	13.36	15.77	17.75	2.418	4.396	37.28	-0.924	59.05	885	0
4/13/2014 6:15	62295	15	103	1.585	221.8	7.446	3.256	221.8	7.446	7.396	232.4	3.137	14.32	15.39	17.78	1.077	3.464	39.19	0.622	111.8	885	0
4/13/2014 6:30	62296	15	103	1.741	211.9	7.089	2.907	211.9	7.089	7.156	228	3.316	15.43	15.54	17.51	0.102	2.08	39.24	1.644	172.9	885	0
4/13/2014 6:45	62297	15	103	2.891	218.5	7.968	4.11	218.5	7.968	6.78	229.1	4.334	17.35	17.16	17.42	-0.189	0.069	35.9	2.088	236.5	885	0
4/13/2014 7:00	62298	15	103	3.729	225.1	8.96	4.957	225.1	8.96	6.547	231.1	7.049	18.56	18.23	17.86	-0.33	-0.703	30.19	0.744	300.1	885	0
4/13/2014 7:15	62299	15	103	3.939	228.8	11.68	5.193	228.8	11.68	6.822	232.2	8.49	19.19	18.72	18.23	-0.468	-0.959	27.99	0.24	362.6	885	0
4/13/2014 7:30	62300	15	103	3.594	237.8	11.55	4.782	237.8	11.55	6.039	239.7	9.94	19.81	19.18	18.61	-0.628	-1.201	25.7	-0.405	419.8	885	0
4/13/2014 7:45	62301	15	103	4.329	247.2	10.07	5.716	247.2	10.07	6.271	248.9	8.18	20.53	19.81	19.25	-0.719	-1.289	21.71	-2.088	477.3	885	0
4/13/2014 8:00	62302	15	103	5.303	257	10.98	7.356	257	10.98	8.53	258.1	8.59	21.38	20.59	19.87	-0.789	-1.513	18.37	-3.642	538.6	885	0
4/13/2014 8:15	62303	15	103	6.435	261.3	8.85	9.34	261.3	8.85	10.99	265	6.247	22.15	21.32	20.55	-0.835	-1.607	15.06	-5.721	597.2	885	0
4/13/2014 8:30	62304	15	103	6.252	270.2	9.63	9.54	270.2	9.63	11.36	271.7	7.643	22.97	22.05	21.14	-0.917	-1.829	12.43	-7.51	653	885	0
4/13/2014 8:45	62305	15	103	7.319	270.3	8.74	11.17	270.3	8.74	13.16	270.8	6.942	23.16	22.23	21.31	-0.932	-1.85	10.81	-9.15	702.5	885	0
4/13/2014 9:00	62306	15	103	6.794	265	11.3	10.18	265	11.3	11.88	266.1	10.82	23.57	22.53	21.62	-1.04	-1.95	10.75	-8.91	748.3	885	0
4/13/2014 9:15	62307	15	103	7.512	267.3	10.12	11.51	267.3	10.12	13.56	268.8	8.21	23.86	22.74	21.7	-1.12	-2.162	9.91	-9.72	787.5	885	0
4/13/2014 9:30	62308	15	103	7.371	263.4	9.73	11.07	263.4	9.73	13.31	265.1	6.917	24.27	23.03	21.85	-1.244	-2.423	9.34	-10.16	832	885	0
4/13/2014 9:45	62309	15	103	7.589	267.8	8.67	11.69	267.8	8.67	13.67	270.5	6.529	24.23	22.97	21.86	-1.262	-2.372	9.03	-10.62	869	885	0
4/13/2014 10:00	62310	15	103	6.967	272.7	8.13	10.76	272.7	8.13	12.3	274.2	8	24.43	23.13	22.11	-1.302	-2.319	8.6	-11.09	900	885	0
4/13/2014 10:15	62311	15	103	6.475	270.2	15.46	9.41	270.2	15.46	10.86	270.8	14.19	24.74	23.26	22.15	-1.479	-2.582	8.21	-11.44	935	885	0
4/13/2014 10:30	62312	15	103	6.591	259.2	10.25	9.19	259.2	10.25	10.32	262.8	8.87	25.22	23.62	22.47	-1.602	-2.752	7.993	-11.42	964	885	0
4/13/2014 10:45	62313	15	103	4.975	270.5	20.15	6.731	270.5	20.15	7.846	271.2	17.88	25.09	23.58	22.54	-1.508	-2.554	8.33	-10.99	986	885	0
4/13/2014 11:00	62314	15	103	5.422	273.1	16.09	7.424	273.1	16.09	8.36	271.7	16.43	25.6	23.99	22.94	-1.616	-2.667	8.27	-10.69	1005	885	0
4/13/2014 11:15	62315	15	103	5.917	275.7	15.56	7.891	275.7	15.56	9.38	277.7	14.28	25.6	23.97	23.02	-1.626	-2.578	8.03	-11.08	1024	885	0
4/13/2014 11:30	62316	15	103	4.938	286.7	19.93	5.976	286.7	19.93	6.724	285.3	17.74	25.91	24.36	23.3	-1.556	-2.614	7.897	-11.05	1037	885	0
4/13/2014 11:45	62317	15	103	5.191	281.1	18.46	6.501	281.1	18.46	7.52	284.4	16.44	26.38	24.68	23.51	-1.697	-2.868	7.496	-11.37	1044	885	0
4/13/2014 12:00	62318	15	103	5.039	284.2	17.04	6.583	284.2	17.04	7.324	287.7	11.83	26.3	24.79	23.66	-1.512	-2.647	7.565	-11.31	1047	884	0
4/13/2014 12:15	62319	15	103	5.365	264.5	14.21	7.274	264.5	14.21	8.19	265.4	13.34	26.51	24.77	23.7	-1.738	-2.806	7.391	-11.45	1048	884	0
4/13/2014 12:30	62320	15	103	4.946	277.4	12	6.973	277.4	12	8.01	277.9	12.8	26.34	24.74	23.78	-1.603	-2.559	7.24	-11.84	1044	884	0
4/13/2014 12:45	62321	15	103	4.35	267.6	13.13	6.122	267.6	13.13	7.124	270.1	11.18	27.06	25.48	24.3	-1.585	-2.761	7.026	-11.68	1037	884	0
4/13/2014 13:00	62322	15	103	5.383	265.3	17.68	7.194	265.3	17.68	8.32	268.3	14.15	27.4	25.56	24.4	-1.839	-3.005	6.954	-11.57	1028	884	0
4/13/2014 13:15	62323	15	103	4.506	271	21.21	5.977	271	21.21	6.577	273.8	17.81	27.42	25.76	24.67	-1.66	-2.748	6.863	-11.72	1010	884	0
4/13/2014 13:30	62324	15	103	5.263	265.2	22.23	6.863	265.2	22.23	7.885	267.9	17.65	27.43	25.87	24.78	-1.563	-2.652	7.002	-11.46	983	883	0
4/13/2014 13:45	62325	15	103	5.464	258.6	18.57	7.38	258.6	18.57	8.8	259.5	14.58	27.64	25.89	24.71	-1.745	-2.932	7.148	-11.04	953	883	0
4/13/2014 14:00	62326	15	103	5.606	259.1	14.58	7.665	259.1	14.58	8.8	259.2	13.05	27.75	26.18	25.04	-1.572	-2.705	7.097	-11.05	923	883	0
4/13/2014 14:15	62327	15	103	5.632	268.9	18.2	7.869	268.9	18.2	8.93	269	13.82	27.8	26.21	25.07	-1.592	-2.733	6.816	-11.52	886	883	0
4/13/2014 14:30	62328	15	103	5.971	247.4	13.45	7.943	247.4	13.45	9.53	250.4	11.39	27.92	26.36	25.2	-1.564	-2.72	6.792	-11.47	856	883	0
4/13/2014 14:45	62329	15	103	5.153	262.5	11.43	7.423	262.5	11.43	8.58	263.5	9.79	28.07	26.52	25.39	-1.544	-2.679	6.691	-11.57	812	882	0
4/13/2014 15:00	62330	15	103	5.644	256.8	14.03	7.727	256.8	14.03	8.96	258.1	10.45	28.12	26.7	25.68	-1.417	-2.439	6.577	-11.74	770.1	882	0
4/13/2014 15:15	62331	15	103	5.882	256.6	18.79	8.06	256.6	18.79	9.42	259.6	17.94	28.13	26.83	25.82	-1.295	-2.304	6.301	-12.28	719.9	882	0
4/13/2014 15:30	62332	15	103	5.496	264.6	13.82	7.844	264.6	13.82	9.1	266.8	11.9	28.11	26.81	25.68	-1.3	-2.432	6.057	-12.78	668.6	882	0
4/13/2014 15:45	62333	15	103	5.84	257.8	13.31	8.43	257.8	13.31	9.92	261.1	11.63	28.09	26.85	25.87	-1.241	-2.215	6.167	-12.57	608.1	882	0
4/13/2014 16:00	62334	15	103	6.207	253.1	10.79	8.43	253.1	10.79	9.99	254.6	8.03	27.8	26.73	25.71	-1.076	-2.09	5.885	-13.37	555	882	0

WIPP Valid Metdata 3/31/14-4/14/14

Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
4/13/2014 16:15	62335	15	103	5.587	260.1	14.07	7.983	260.1	14.07	9.55	263.3	12.39	27.87	26.83	25.96	-1.038	-1.911	5.662	-13.79	500.8	882	0
4/13/2014 16:30	62336	15	103	6.21	251.7	11.81	8.53	251.7	11.81	10.21	256	10.19	27.66	26.81	26	-0.846	-1.663	5.604	-14.07	448.4	882	0
4/13/2014 16:45	62337	15	103	6.37	250.6	12.26	8.7	250.6	12.26	10.27	253.2	10.19	27.5	26.78	26	-0.72	-1.499	5.409	-14.63	390.2	882	0
4/13/2014 17:00	62338	15	103	6.328	252.7	10.16	8.6	252.7	10.16	10.42	255.3	6.94	27.26	26.67	25.95	-0.59	-1.312	5.678	-14.19	325.4	882	0
4/13/2014 17:15	62339	15	103	5.412	258.2	10.79	7.749	258.2	10.79	9.17	259.3	8.79	27.08	26.6	26.01	-0.48	-1.075	5.593	-14.5	262.1	882	0
4/13/2014 17:30	62340	15	103	5.248	250.4	12.96	7.175	250.4	12.96	8.78	250.9	11.48	26.84	26.52	25.96	-0.321	-0.874	5.652	-14.54	198.2	882	0
4/13/2014 17:45	62341	15	103	5.459	245.2	8.46	7.302	245.2	8.46	8.97	246.3	7.635	26.44	26.29	25.83	-0.148	-0.609	5.774	-14.57	135.4	882	0
4/13/2014 18:00	62342	15	103	4.474	239.3	9.74	6.152	239.3	9.74	7.978	241.8	7.871	26	26.05	25.7	0.046	-0.303	5.962	-14.49	76.8	882	0
4/13/2014 18:15	62343	15	103	3.438	235.6	10.1	4.796	235.6	10.1	6.968	235.6	7.153	25.29	25.59	25.45	0.307	0.161	6.368	-14.2	31.94	882	0
4/13/2014 18:30	62344	15	103	2.946	235.8	8.88	4.342	235.8	8.88	6.749	235.6	5.383	24.48	25.02	25.11	0.542	0.625	6.767	-14.04	7.021	882	0
4/13/2014 18:45	62345	15	103	2.699	232.7	8.19	3.973	232.7	8.19	7.496	234.4	4.073	23.56	24.27	24.98	0.715	1.419	7.263	-13.84	1.281	882	0
4/13/2014 19:00	62346	15	103	2.202	244.9	11.92	3.713	244.9	11.92	7.77	248.2	4.631	22.79	23.75	24.92	0.961	2.126	7.449	-14.1	0.724	882	0
4/13/2014 19:15	62347	15	103	2.228	246.5	25.55	3.839	246.5	25.55	7.335	250.3	9.04	21.37	22.53	24.23	1.161	2.863	8.15	-14.05	0.643	883	0
4/13/2014 19:30	62348	15	103	1.427	210.5	11.43	2.762	210.5	11.43	6.019	243	8.91	19.61	21.8	22.92	2.197	3.314	9.22	-13.87	0.483	883	0
4/13/2014 19:45	62349	15	103	1.604	228	7.54	3.018	228	7.54	5.764	239.4	5.203	19.28	21.49	22.45	2.204	3.162	9.51	-13.73	0.728	883	0
4/13/2014 20:00	62350	15	103	2.094	243.9	13.88	3.746	243.9	13.88	6.71	241.4	5.769	20.03	21.71	22.93	1.672	2.894	9.19	-13.59	1.004	883	0
4/13/2014 20:15	62351	15	103	1.745	236.8	10.54	3.308	236.8	10.54	6.176	239	5.815	19.73	21.6	22.57	1.869	2.84	9.2	-13.79	0.844	883	0
4/13/2014 20:30	62352	15	103	1.332	230.8	15.2	2.605	230.8	15.2	5.801	234.5	7.373	18.38	20.51	21.74	2.131	3.362	10.17	-13.6	0.664	884	0
4/13/2014 20:45	62353	15	103	1.448	223.7	9.43	2.791	223.7	9.43	6.344	220.6	5.464	18.05	20.11	21.33	2.066	3.28	10.42	-13.57	0.772	884	0
4/13/2014 21:00	62354	15	103	1.205	230.6	11.34	2.32	230.6	11.34	4.848	226.6	8.14	18.57	20.07	21.01	1.492	2.431	10.19	-13.42	0.723	884	0
4/13/2014 21:15	62355	15	103	1.036	230.8	8.4	2.389	230.8	8.4	5.25	235.7	5.437	17.75	20.31	21.49	2.56	3.74	10.61	-13.57	0.775	884	0
4/13/2014 21:30	62356	15	103	0.891	230.1	11.37	2.373	230.1	11.37	5.45	232.5	6.396	16.61	20.15	21.61	3.545	5.005	11.68	-13.27	0.691	884	0
4/13/2014 21:45	62357	15	103	1.796	222.7	8.74	3.049	222.7	8.74	6.227	229.5	5.947	17.56	19.96	21.77	2.396	4.208	10.93	-13.34	1.056	884	0
4/13/2014 22:00	62358	15	103	1.248	202.3	20.79	2.228	202.3	20.79	5.097	223.6	4.481	16.69	19.53	21.43	2.837	4.742	11.17	-13.76	0.765	884	0
4/13/2014 22:15	62359	15	103	1.169	166.8	19.29	0.897	166.8	19.29	4.077	237	5.909	13.57	19.22	21.27	5.657	7.705	13.94	-13.53	0.383	885	0
4/13/2014 22:30	62360	15	103	1.597	180.1	17.48	1.748	180.1	17.48	5.154	236	4.77	13.99	19.98	22.39	5.985	8.4	14.42	-12.79	0.612	885	0
4/13/2014 22:45	62361	15	103	1.117	197	10.41	2.461	197	10.41	5.659	237	6.668	15.41	20.07	22.6	4.661	7.197	12.64	-13.24	0.773	885	0
4/13/2014 23:00	62362	15	103	1.246	235.2	24.34	2.57	235.2	24.34	5.628	250.8	10.75	15.94	20.51	22.45	4.571	6.51	12.26	-13.21	0.9	885	0
4/13/2014 23:15	62363	15	103	9.18	30.49	36	13.17	30.49	36	16.58	32.09	36.82	11.92	12.99	13.92	1.066	1.994	33.27	-4.869	1.105	887	0
4/13/2014 23:30	62364	15	103	9.67	50.78	7.992	14.39	50.78	7.992	18.24	51.63	5.17	9.04	8.91	8.56	-0.124	-0.476	48.25	-1.321	1.196	887	0
4/13/2014 23:45	62365	15	103	9.84	43.98	8.99	14.43	43.98	8.99	18.14	43.87	7.183	8.16	8.03	7.657	-0.127	-0.499	51.25	-1.307	1.336	888	0
4/14/2014 0:00	62366	15	104	9.88	43.62	7.982	14.46	43.62	7.982	18.53	41.82	5.626	6.989	6.846	6.46	-0.142	-0.529	54.17	-1.638	1.3	889	0

Environmental Monitoring & Hydrology Airborne Particulates Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
WIPP Far Field (WFF)*	AL-WFF-20140212-1.1	02/15/2014	36	---	**4.88E+01**	Below MDC	**3.67E+00**	51.44	**1.58E-02**	N/A	**1.19E-03**
WIPP Far Field (WFF)	AL-WFF-20140219-1.1	02/18/2014	2.4	---	**2.70E-01**	Below MDC	Below MDC	*242.65*	**1.85E-05**	N/A	N/A
WIPP East (WEE)*	AL-WEE-20140212-1.1	02/17/2014	7.29/4.4	---	**5.73E-01**	Below MDC	Below MDC	208.89	**4.57E-05**	N/A	N/A
WIPP South (WSS)*	AL-WSS-20140212-1.1	02/17/2014	7.47/3.7	---	**1.41E-01**	Below MDC	Below MDC	207.82	**1.13E-05**	N/A	N/A
Mills Ranch (MLR)*	AL-MLR-20140212-1.1	02/18/2014	2.7	---	Below MDC	Below MDC	Below MDC	269.12	N/A	N/A	N/A
Smith Ranch (SMR)*	AL-SMR-20140212-1.1	02/18/2014	4.2	---	**2.44E-01**	Below MDC	Below MDC	270.95	**1.50E-05**	N/A	N/A
Carlsbad (CBD)*	AL-CBD-20140212-1.1	02/18/2014	1.6	---	Below MDC	Below MDC	Below MDC	263.07	N/A	N/A	N/A
Southeast Control (SEC)*	AL-SEC-20140212-1.2	02/18/2014	1.3	---	Below MDC	Below MDC	Below MDC	266.42	N/A	N/A	N/A
Southeast Control (SEC) co-located sample*	AL-SEC-20140212-2.2	02/18/2014	1.5	---	Below MDC	Below MDC	Below MDC	271.13	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140219-1.1	02/26/2014	---	1.89	Below MDC	Below MDC	Below MDC	653.09	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140219-1.1	02/26/2014	---	2.48	Below MDC	Below MDC	Below MDC	738.49	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140219-1.1	02/26/2014	---	2.23	Below MDC	Below MDC	Below MDC	730.49	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140219-1.1	02/26/2014	---	2.57	Below MDC	Below MDC	Below MDC	675.95	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140219-1.1	02/26/2014	---	2.23	Below MDC	Below MDC	Below MDC	634.00	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140219-1.1	02/26/2014	---	1.12	Below MDC	Below MDC	Below MDC	663.97	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140219-1.2	02/26/2014	---	2.66	Below MDC	Below MDC	Below MDC	675.60	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140219-2.2	02/26/2014	---	1.38	Below MDC	Below MDC	Below MDC	642.96	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140226-1.1	03/04/2014	---	4.21	Below MDC	Below MDC	Below MDC	476.53	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140226-1.1	03/04/2014	---	4.90	Below MDC	Below MDC	Below MDC	478.96	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140226-1.1	03/04/2014	---	3.26	Below MDC	Below MDC	Below MDC	474.43	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140226-1.1	03/04/2014	---	5.50	Below MDC	Below MDC	Below MDC	476.20	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140226-1.1	03/04/2014	---	7.13	Below MDC	Below MDC	Below MDC	470.20	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140226-1.1	03/04/2014	---	5.50	Below MDC	Below MDC	Below MDC	482.31	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140226-1.2	03/04/2014	---	4.72	Below MDC	Below MDC	Below MDC	476.53	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140226-2.2	03/04/2014	---	6.70	Below MDC	Below MDC	Below MDC	481.39	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	549.12	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	559.62	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	556.12	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	556.78	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	543.88	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	561.30	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
Southeast Control (SEC)	AL-SEC-20140304-1.2	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	557.78	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140304-2.2	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	552.09	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	447.76	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	535.87	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140304-1.1	03/11/2014	---	---	Below MDC	Below MDC	Below MDC	538.77	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	521.72	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	583.39	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	563.14	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	557.45	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	581.65	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	496.70	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140311-1.2	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	545.09	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140311-2.2	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	522.38	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	569.51	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	557.26	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140311-1.1	03/18/2014	---	---	Below MDC	Below MDC	Below MDC	560.11	N/A	N/A	N/A
WIPP Far Field (WFF)	AL-WFF-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	551.04	N/A	N/A	N/A
WIPP East (WEE)	AL-WEE-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	583.62	N/A	N/A	N/A
WIPP South (WSS)	AL-WSS-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	598.84	N/A	N/A	N/A
Mills Ranch (MLR)	AL-MLR-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	595.58	N/A	N/A	N/A
Carlsbad (CBD)	AL-CBD-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	580.38	N/A	N/A	N/A
Smith Ranch (SMR)	AL-SMR-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	580.55	N/A	N/A	N/A
Southeast Control (SEC)	AL-SEC-20140318-1.2	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	586.87	N/A	N/A	N/A
Southeast Control (SEC) co-located sample	AL-SEC-20140318-2.2	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	563.63	N/A	N/A	N/A
Meteorology Tower Building (MET)†	AL-MET-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	591.75	N/A	N/A	N/A
Salt Hoist (SLT)†	AL-SLT-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	585.15	N/A	N/A	N/A
Southeast of Training Building (STB)†	AL-STB-20140318-1.1	03/25/2014	---	---	Below MDC	Below MDC	Below MDC	582.60	N/A	N/A	N/A

Environmental Monitoring & Hydrology Airborne Particulates Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)
WIPP Far Field (WFF)	AL-WFF-20140325-1.2	04/01/2014	---	---				546.07			
WIPP Far Field (WFF)	AL-WFF-20140325-2.2	04/01/2014	---	---				554.61			
WIPP East (WEE)	AL-WEE-20140325-1.1	04/01/2014	---	---				542.58			
WIPP South (WSS)	AL-WSS-20140325-1.1	04/01/2014	---	---				518.92			
Mills Ranch (MLR)	AL-MLR-20140325-1.1	04/01/2014	---	---				533.42			
Carlsbad (CBD)	AL-CBD-20140325-1.1	04/01/2014	---	---				528.06			
Smith Ranch (SMR)	AL-SMR-20140325-1.1	04/01/2014	---	---				507.26			
Southeast Control (SEC)	AL-SEC-20140325-1.2	04/01/2014	---	---				536.26			
Southeast Control (SEC) co-located sample	AL-SEC-20140325-2.2	04/01/2014	---	---				539.09			
Meteorology Tower Building (MET)†	AL-MET-20140325-1.1	04/01/2014	---	---				545.42			
Salt Hoist (SLT)†	AL-SLT-20140325-1.1	04/01/2014	---	---				533.10			
Southeast of Training Building (STB)†	AL-STB-20140325-1.1	04/01/2014	---	---				556.78			
Guard and Security Building (GSB)‡	AL-GSB-20140325-1.1	04/01/2014	---	---				531.54			
WIPP Far Field (WFF)	AL-WFF-20140401-1.2	04/08/2014	---	---							
WIPP Far Field (WFF)	AL-WFF-20140401-2.2	04/08/2014									
WIPP East (WEE)	AL-WEE-20140401-1.1	04/08/2014	---	---							
WIPP South (WSS)	AL-WSS-20140401-1.1	04/08/2014	---	---							
Mills Ranch (MLR)	AL-MLR-20140401-1.1	04/08/2014	---	---							
Carlsbad (CBD)	AL-CBD-20140401-1.1	04/08/2014	---	---							
Smith Ranch (SMR)	AL-SMR-20140401-1.1	04/08/2014	---	---							
Southeast Control (SEC)	AL-SEC-20140401-1.2	04/08/2014	---	---							
Southeast Control (SEC) co-located sample	AL-SEC-20140401-2.2	04/08/2014	---	---							
Meteorology Tower Building (MET)†	AL-MET-20140401-1.1	04/08/2014	---	---							
Salt Hoist (SLT)†	AL-SLT-20140401-1.1	04/08/2014	---	---							
Southeast of Training Building (STB)†	AL-STB-20140401-1.1	04/08/2014	---	---							
Guard and Security Building (GSB)‡	AL-GSB-20140401-1.1	04/08/2014	---	---							

* Filter volumes based on an adjusted filter installation date. This date was changed from the actual filter installation date to the date of the release which occurred at 23:30 hours on 2/14/14.

† This sampling location was initiated on March 4, 2014.

Environmental Monitoring & Hydrology Airborne Particulates Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	ISOLO Spectrum Analyzer Gross α β Preliminary/Final DPM	WIPP Labs Gross α DPM	WIPP Labs Radiochemistry Am-241 (dpm/sample)	WIPP Labs Radiochemistry Pu-238 (dpm/sample)	WIPP Labs Radiochemistry Pu-239/240 (dpm/sample)	Air Flow Volume (m^3)	WIPP Labs Radiochemistry Am-241 (Bq/m^3)	WIPP Labs Radiochemistry Pu-238 (Bq/m^3)	WIPP Labs Radiochemistry Pu-239/240 (Bq/m^3)

‡ This sampling location was initiated on March 25, 2014.

Note: Minimum detectable concentration (MDC) corresponds to the lowest concentration measurement that can be detected by the laboratory instrumentation.

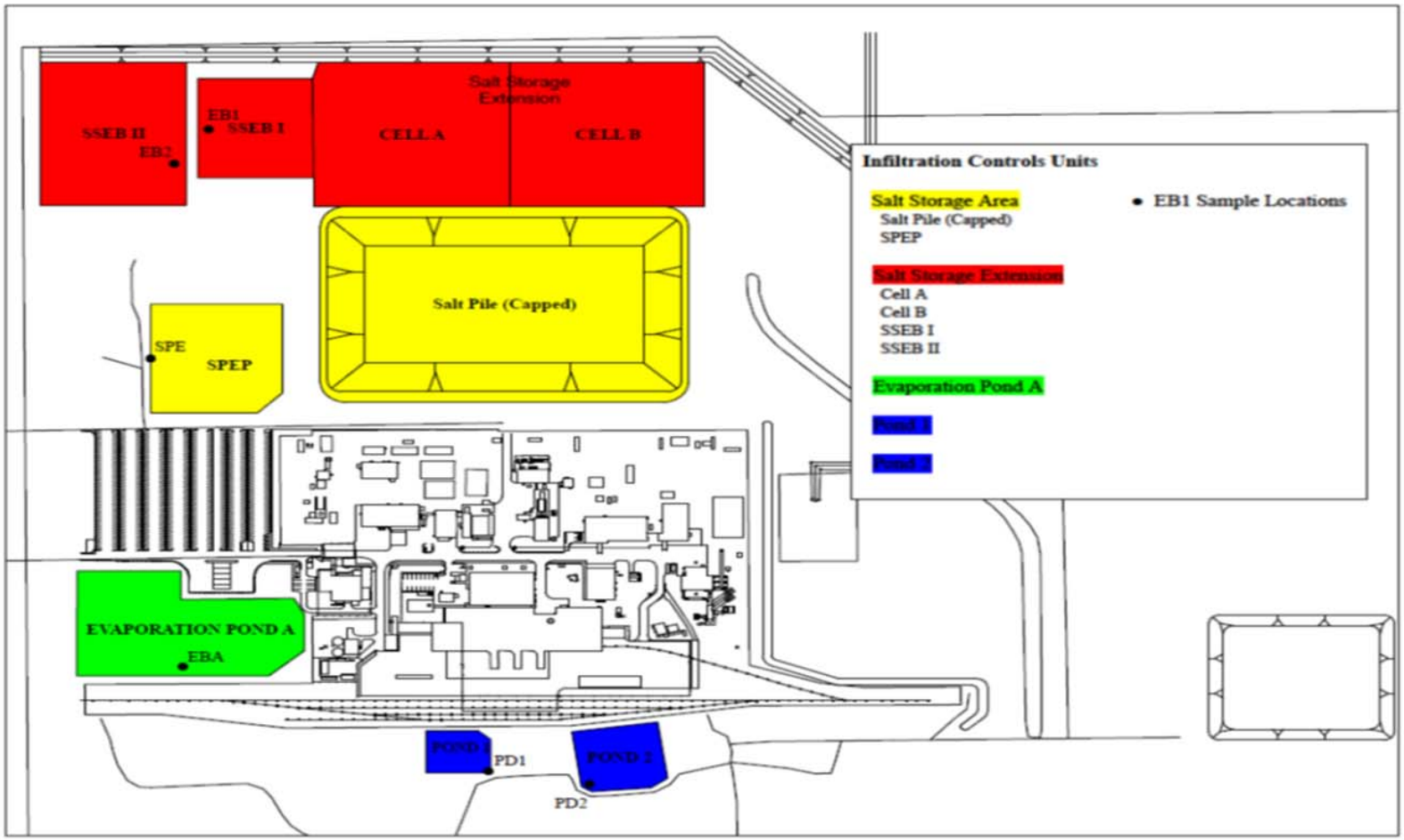
MDC ranges are:

MDC Am-241 (dpm/sample): 1.89E-02 to 5.05E-01

MDC Pu-238 (dpm/sample): 1.89E-02 to 1.57E+01

MDC Pu-239/240 (dpm/sample): 1.70E-02 to 5.94E-01

Surface Water Sample Locations



Environmental Monitoring & Hydrology Surface Water Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/L)	Pu-238 (dpm/L)	Pu-239/240 (dpm/L)
SWIC Evaporation Basin A	WS-EBA-20140219-1.2	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Evaporation Basin A	WS-EBA-20140219-2.2	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Pile Evaporation Pond	WS-SPE-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Storage Extension Basin I	WS-EB1-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Salt Storage Extension Basin II	WS-EB2-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 1	WS-PD1-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
SWIC Pond 2	WS-PD2-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Blank	WS-BLK-20140219-1.1	2/19/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity*	WS-SOO-20140302-1.2	3/2/2014	**9.69E-01**	Below MDC	**7.48E-02**
Sample of Opportunity*	WS-SOO-20140302-2.2	3/2/2014	**3.93E-01**	Below MDC	Below MDC
Blank	WS-BLK-20140302-1.1	3/2/2014	Below MDC	Below MDC	Below MDC
Hill Tank	WS-HIL-20140312-1.2	3/12/2014			
Hill Tank	WS-HIL-20140312-2.2	3/12/2014			
Fresh Water Tank	WS-FWT-20140312-1.1	3/12/2014			
Tut Tank	WS-TUT-20140313-1.1	3/13/2014			
Pierce Canyon	WS-PCN-20140313-1.1	3/13/2014			
Carlsbad	WS-CBD-20140313-1.2	3/13/2014			
Carlsbad	WS-CBD-20140313-2.2	3/13/2014			
Brantley Lake	WS-BRA-20140314-1.1	3/14/2014			
Upper Pecos River	WS-UPR-20140314-1.1	3/14/2014			
Coyote Well	WS-COW-20140314-1.1	3/14/2014			
Sample of Opportunity†	WS-SOO-20140316-1.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity (Dupe)†	WS-SOO-20140316-2.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140316-3.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140316-4.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity (Blank)†	WS-SOO-20140316-5.5	3/16/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity	WS-SOO-20140326-1.2	3/26/2014			
Sample of Opportunity	WS-SOO-20140326-2.2	3/26/2014			
Blank	WS-BLK-20140326-1.1	3/26/2014			

* These samples were collected during a rain event. The samples were taken from the WIPP site building roof top and roadway drainage. Highest concentration is about 3% of the EPA drinking water standard for alpha radioactivity, and represents the only signature of deposition close to the release that has been identified to date.

† These samples were collected during a second opportunistic rain event. The samples were taken from the WIPP site building roof top and roadway drainage. The results show that the first rain event reduced the contamination from the building roof top and roadway drainage to less than detectable concentrations.

Note: Sediment sample locations are co-located with off-site surface water sample locations. Surface water samples are collected when water is available.

MDC ranges are:

MDC Am-241 (dpm/L): 5.22E-02 to 7.80E-02

MDC Pu-238 (dpm/L): 3.63E-03 to 4.99E-02

MDC Pu-239/240 (dpm/L): 3.13E-02 to 4.89E-02

Environmental Monitoring & Hydrology Sediment Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
Red Tank	SB-RED-20140312-1.1	3/12/2014			
Bottom of the Hill Tank	SB-BHT-20140312-1.1	3/12/2014			
Noya Tank	SB-NOY-20140312-1.1	3/12/2014			
Hill Tank	SB-HIL-20140312-1.2	3/12/2014			
Hill Tank	SB-HIL-20140312-2.2	3/12/2014			
Lost Tank	SB-LST-20140312-1.1	3/12/2014			
Tut Tank	SB-TUT-20140313-1.1	3/13/2014			
Pierce Canyon	SB-PCN-20140313-1.1	3/13/2014			
Carlsbad	SB-CBD-20140313-1.2	3/13/2014			
Carlsbad	SB-CBD-20140313-2.2	3/13/2014			
Poker Trap	SB-PKT-20140313-1.1	3/13/2014			
Indian Tank	SB-IND-20140313-1.1	3/13/2014			
Brantley	SB-BRA-20140314-1.1	3/14/2014			
Upper Pecos River	SB-UPR-20140314-1.1	3/14/2014			

Note: Sediment sample locations are co-located with off-site surface water sample locations. Surface water samples are collected when water is available.

MDC ranges are:

MDC Am-241 (dpm/g): Ranges will be added when results are available

MDC Pu-238 (dpm/g): Ranges will be added when results are available

MDC Pu-239/240 (dpm/g): Ranges will be added when results are available

Environmental Monitoring & Hydrology Biota Sampling - Fauna

April 13, 2014

Tissue Type/Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
Biotic Quail/WIPP East	BQ-WEE-20140325-1.1	3/25/2014			

MDC ranges are:

MDC Am-241 (dpm/g): Ranges will be added when results are available

MDC Pu-238 (dpm/g): Ranges will be added when results are available

MDC Pu-239/240 (dpm/g): Ranges will be added when results are available

Environmental Monitoring & Hydrology Biota Sampling - Vegetation

April 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
WIPP Far Field	BV-WFF-20140221-1.2	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field (Duplicate)	BV-WFF-20140221-2.2	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP East	BV-WEE-20140221-1.1	2/21/2014	Below MDC	Below MDC	Below MDC
WIPP South	BV-WSS-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Smith Ranch	BV-SMR-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Mills Ranch	BV-MLR-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
Southeast Control	BV-SEC-20140222-1.1	2/22/2014	Below MDC	Below MDC	Below MDC
GPS Location 1*	BV-SOO-20140319-1.1	3/19/2014			
GPS Location 2*	BV-SOO-20140319-1.2	3/19/2014			
GPS Location 3*	BV-SOO-20140319-1.3	3/19/2014			
GPS Location 4*	BV-SOO-20140319-1.4	3/19/2014			
GPS Location 5*	BV-SOO-20140321-1.5	3/21/2014			
GPS Location 6*	BV-SOO-20140321-1.6	3/21/2014			
GPS Location 7*	BV-SOO-20140320-1.7	3/20/2014			
GPS Location 8*	BV-SOO-20140321-1.8	3/21/2014			
GPS Location 9*	BV-SOO-20140320-1.9	3/20/2014			
GPS Location 10*	BV-SOO-20140319-1.10	3/19/2014			
GPS Location 11*	BV-SOO-20140319-1.11	3/19/2014			
GPS Location 12*	BV-SOO-20140319-1.12	3/19/2014			
GPS Location 13*	BV-SOO-20140319-1.13	3/19/2014			
GPS Location 14*	BV-SOO-20140319-1.14	3/19/2014			
GPS Location 15*	BV-SOO-20140319-1.15	3/19/2014			
GPS Location 16*	BV-SOO-20140319-1.16	3/19/2014			
GPS Location 17*	BV-SOO-20140320-1.17	3/20/2014			
GPS Location 18*	BV-SOO-20140320-1.18	3/20/2014			
GPS Location 19*	BV-SOO-20140320-1.19	3/20/2014			
GPS Location 20*	BV-SOO-20140319-1.20	3/19/2014			
GPS Location 21*	BV-SOO-20140319-1.21	3/19/2014			
GPS Location 22*	BV-SOO-20140320-1.22	3/20/2014			
GPS Location 23*	BV-SOO-20140320-1.23	3/20/2014			
GPS Location 24*	BV-SOO-20140319-1.24	3/19/2014			
GPS Location 25*	BV-SOO-20140319-1.25	3/19/2014			
GPS Location 26*	BV-SOO-20140321-1.26	3/21/2014			
GPS Location 27*	BV-SOO-20140321-1.26	3/21/2014			
GPS Location 28*	BV-SOO-20140321-1.28	3/21/2014			
GPS Location 29*	BV-SOO-20140321-1.29	3/21/2014			
GPS Location 10 (Duplicate)*	BV-SOO-20140319-2.10	3/19/2014			
GPS Location 18 (Duplicate)*	BV-SOO-20140320-2.18	3/20/2014			
GPS Location 6 (Duplicate)*	BV-SOO-20140321-2.6	3/21/2014			

* These sampling sites are being accounted for via GPS location identifiers and field stakes.

Note: Vegetation samples were collected adjacent to air sampling locations. All vegetation sample analyses were below the MDC for Am-241, Pu-238, and Pu-239/240.

Environmental Monitoring & Hydrology Biota Sampling - Vegetation

April 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)

MDC ranges are:

MDC Am-241 (dpm/g): 3.33E-02 to 3.38E-02

MDC Pu-238 (dpm/g): 2.09E-02 to 2.17E-02

MDC Pu-239/240 (dpm/g): 1.37E-02 to 1.44E-02

Environmental Monitoring & Hydrology Soil Sampling

April 13, 2014

Location/Depth	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Intermediate Sample (2-5 cm)	SI-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Deep Sample (5-10 cm)	SD-WFF-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Surface Sample (0-2 cm)	SS-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Intermediate Sample (2-5 cm)	SI-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP East Deep Sample (5-10 cm)	SD-WEE-20140213-1.1	2/13/2014	Below MDC	Below MDC	Below MDC
WIPP South Surface Sample (0-2 cm)	SS-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP South Intermediate Sample (2-5 cm)	SI-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP South Deep Sample (5-10 cm)	SD-WSS-20140214-1.1	2/14/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140217-1.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP Far Field Surface Sample (0-2 cm)	SS-WFF-20140217-2.2	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP East Surface Sample (0-2 cm)	SS-WEE-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
WIPP South Surface Sample (0-2 cm)	SS-WSS-20140217-1.1	2/17/2014	Below MDC	Below MDC	Below MDC
Mills Ranch Surface Sample (0-2 cm)*	SS-MLR-20140220-1.1	2/20/2014	Below MDC	Below MDC	**3.34E-02**
Smith Ranch Surface Sample (0-2 cm)	SS-SMR-20140220-1.1	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Surface Sample (0-2 cm)	SS-SEC-20140220-1.2	2/20/2014	Below MDC	Below MDC	Below MDC
Southeast Control Surface Sample (0-2 cm)	SS-SEC-20140220-2.2	2/20/2014	Below MDC	Below MDC	Below MDC
GPS Location 1 (0-2 cm)†	SS-SOO-20140319-1.1	3/19/2014			
GPS Location 2 (0-2 cm)†	SS-SOO-20140319-1.2	3/19/2014			
GPS Location 3 (0-2 cm)†	SS-SOO-20140319-1.3	3/19/2014			
GPS Location 4 (0-2 cm)†	SS-SOO-20140319-1.4	3/19/2014			
GPS Location 5 (0-2 cm)†	SS-SOO-20140321-1.5	3/21/2014			
GPS Location 6 (0-2 cm)†	SS-SOO-20140321-1.6	3/21/2014			
GPS Location 7 (0-2 cm)†	SS-SOO-20140320-1.7	3/20/2014			
GPS Location 8 (0-2 cm)†	SS-SOO-20140321-1.8	3/21/2014			
GPS Location 9 (0-2 cm)†	SS-SOO-20140320-1.9	3/20/2014			
GPS Location 10 (0-2 cm)†	SS-SOO-20140319-1.10	3/19/2014			
GPS Location 11 (0-2 cm)†	SS-SOO-20140319-1.11	3/19/2014			
GPS Location 12 (0-2 cm)†	SS-SOO-20140319-1.12	3/19/2014			
GPS Location 13 (0-2 cm)†	SS-SOO-20140319-1.13	3/19/2014			
GPS Location 14 (0-2 cm)†	SS-SOO-20140319-1.14	3/19/2014			
GPS Location 15 (0-2 cm)†	SS-SOO-20140319-1.15	3/19/2014			
GPS Location 16 (0-2 cm)†	SS-SOO-20140319-1.16	3/19/2014			
GPS Location 17 (0-2 cm)†	SS-SOO-20140320-1.17	3/20/2014			
GPS Location 18 (0-2 cm)†	SS-SOO-20140320-1.18	3/20/2014			
GPS Location 19 (0-2 cm)†	SS-SOO-20140320-1.19	3/20/2014			
GPS Location 20 (0-2 cm)†	SS-SOO-20140319-1.20	3/19/2014			
GPS Location 21 (0-2 cm)†	SS-SOO-20140319-1.21	3/19/2014			
GPS Location 22 (0-2 cm)†	SS-SOO-20140320-1.22	3/20/2014			
GPS Location 23 (0-2 cm)†	SS-SOO-20140320-1.23	3/20/2014			
GPS Location 24 (0-2 cm)†	SS-SOO-20140319-1.24	3/19/2014			
GPS Location 25 (0-2 cm)†	SS-SOO-20140319-1.25	3/19/2014			
GPS Location 26 (0-2 cm)†	SS-SOO-20140321-1.26	3/21/2014			
GPS Location 27 (0-2 cm)†	SS-SOO-20140320-1.27	3/20/2014			
GPS Location 28 (0-2 cm)†	SS-SOO-20140321-1.28	3/21/2014			
GPS Location 29 (0-2 cm)†	SS-SOO-20140321-1.29	3/21/2014			

Environmental Monitoring & Hydrology Soil Sampling

April 13, 2014

Location/Depth	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
GPS Location 10 (0-2 cm) (Duplicate)†	SS-SOO-20140319-2.10	3/19/2014			
GPS Location 18 (0-2 cm) (Duplicate)†	SS-SOO-20140320-2.18	3/20/2014			
GPS Location 6 (0-2 cm) (Duplicate)†	SS-SOO-20140321-2.6	3/21/2014			

* The one soil sample with detected plutonium showed concentration in the range of historical results for this location.

† These sampling sites are being accounted for via GPS location identifiers and field stakes.

Minimum detectable concentration (MDC) ranges are:

MDC Am-241 (dpm/g): 3.40E-02 to 4.12E-02

MDC Pu-238 (dpm/g): 2.34E-02 to 2.96E-02

MDC Pu-239/240 (dpm/g): 1.80E-02 to 2.18E-02

Site Environmental Compliance Salt Pile Sampling

April 13, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/g)	Pu-238 (dpm/g)	Pu-239/240 (dpm/g)
South Face of Salt Pile	WST-14-012	3/13/2014	Below MDC	Below MDC	Below MDC
East Face of Salt Pile	WST-14-013	3/13/2014	Below MDC	Below MDC	Below MDC
West Face of Salt Pile	WST-14-014	3/13/2014	Below MDC	Below MDC	Below MDC
South Ridge of Salt Pile, South of Salt Pile	WST-14-015	3/13/2014	Below MDC	Below MDC	Below MDC
North Ridge of Salt Pile, North of Salt Pile	WST-14-016	3/13/2014	Below MDC	Below MDC	Below MDC
South Face of Salt Pile (Duplicate)	WST-14-017	3/13/2014	Below MDC	Below MDC	Below MDC

Samples collected at the salt pile per procedure WP 02-EC1001.

MDC ranges are:

MDC Am-241 (dpm/g): 4.17E-02 to 5.03E-02

MDC Pu-238 (dpm/g): 2.84E-02 to 4.38E-02

MDC Pu-239/240 (dpm/g): 2.18E-02 to 2.43E-02

Attachment 5
Filter Differential Pressures

Note: In the "Mod" column for Filter Bank 41-B-856, several "2" values are reported. In these instances, the transmitter was set to read up to a differential pressure of 2 inches water gauge. It was determined that additional range was needed to record pressure differentials, and at around 12:30 p.m. on April 8, 2014, the transmitter was reset to a range of 0 to 5 inches water gauge. Prior to resetting of the transmitter, any pressure differentials greater than 2 were recorded as 2 inches water gauge.

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/7/2014 0:00	1.999757816	0.546953759	0.946014725	0.966090353	1.506820917	0.583776102	1.150526502	1.140106303
4/7/2014 0:30	1.992839895	0.546984762	0.94616086	0.966130893	1.501186287	0.583779315	1.148696719	1.139253331
4/7/2014 1:00	1.991889901	0.547015764	0.946306994	0.966171434	1.501112627	0.583782527	1.148640394	1.136655967
4/7/2014 1:30	1.993835523	0.547046767	0.946453128	0.966211975	1.503417266	0.583785739	1.146264896	1.135176961
4/7/2014 2:00	1.991159176	0.54707777	0.946599262	0.966252515	1.504194356	0.583788951	1.149264543	1.135215923
4/7/2014 2:30	1.996510014	0.547108772	0.946745396	0.966293056	1.502999228	0.583792164	1.152555563	1.142203457
4/7/2014 3:00	1.992676953	0.547139775	0.94689153	0.966948688	1.504217028	0.583795376	1.146914448	1.137088234
4/7/2014 3:30	1.991784588	0.547170778	0.947037664	0.967824491	1.505762746	0.583798588	1.147023543	1.137119651
4/7/2014 4:00	1.990073059	0.54720178	0.947183798	0.967751607	1.508311876	0.5838018	1.148837593	1.137011943
4/7/2014 4:30	1.995546617	0.547232783	0.947329932	0.967049839	1.507438155	0.583805013	1.151808103	1.138578142
4/7/2014 5:00	1.99571853	0.547263786	0.947476066	0.966662946	1.509627162	0.583808225	1.153379792	1.138595874
4/7/2014 5:30	1.996800977	0.554887533	0.954466403	0.966276054	1.508038841	0.583811437	1.152443014	1.142870273
4/7/2014 6:00	2	0.554837317	0.953732131	0.965889162	1.507852035	0.58381465	1.15601237	1.145903034
4/7/2014 6:30	2	0.5547871	0.95299786	0.965502269	1.507290332	0.583817862	1.152302248	1.138520472
4/7/2014 7:00	2	0.554736883	0.952263588	0.965115377	1.509094535	0.583821074	1.152210117	1.13938507
4/7/2014 7:30	1.996194267	0.554686667	0.951529317	0.96597895	1.510794751	0.583824286	1.150547862	1.139509771
4/7/2014 8:00	1.999699463	0.55463645	0.950795045	0.970546666	1.511838051	0.583827499	1.154836963	1.142840889
4/7/2014 8:30	1.999398926	0.554586234	0.950060774	0.970452136	1.510548559	0.583830711	1.153111876	1.14329678
4/7/2014 9:00	1.999060913	0.554536017	0.949326502	0.968381011	1.510531561	0.583833923	1.151510995	1.14481893
4/7/2014 9:30	1.999714941	0.5544858	0.948592231	0.965518739	1.512219498	0.583837135	1.152242547	1.142515497
4/7/2014 10:00	2	0.554435584	0.946736983	0.965201271	1.511288003	0.583840348	1.153973857	1.14387564
4/7/2014 10:30	1.995021898	0.554385367	0.948067215	0.967007769	1.510007051	0.58384356	1.155908592	1.139154579
4/7/2014 11:00	1.994075034	0.55433515	0.951424268	0.967280905	1.509114064	0.583846772	1.15235621	1.138854354
4/7/2014 11:30	2	0.554284934	0.952253984	0.969794701	1.510109244	0.583849985	1.152409307	1.141787968
4/7/2014 12:00	1.991327884	0.554234717	0.952177855	0.969296494	1.508620503	0.583853197	1.152274234	1.141725941
4/7/2014 12:30	1.996327461	0.554184501	0.952101727	0.969677963	1.509314279	0.583856409	1.154968544	1.139145993
4/7/2014 13:00	2	0.554134284	0.952025598	0.97173482	1.511786124	0.583859621	1.15293152	1.139311893
4/7/2014 13:30	2	0.554084067	0.95194947	0.970073848	1.507017892	0.583862834	1.150023538	1.139609606
4/7/2014 14:00	2	0.554033851	0.951873341	0.965861684	1.508992815	0.583866046	1.147805068	1.137165009
4/7/2014 14:30	1.994350854	0.553983634	0.951797212	0.967131555	1.508088097	0.583869258	1.150410715	1.13638551
4/7/2014 15:00	2	0.553933418	0.951721084	0.966041101	1.509693563	0.58387247	1.15306101	1.139021092
4/7/2014 15:30	1.994302799	0.553883201	0.951644955	0.971136642	1.511454499	0.583875683	1.155103932	1.142536855
4/7/2014 16:00	1.99320094	0.553832984	0.951568827	0.968161089	1.508651994	0.583878895	1.153637493	1.140574567
4/7/2014 16:30	2	0.553782768	0.951492698	0.966627584	1.508168443	0.583882107	1.151384233	1.140069527
4/7/2014 17:00	2	0.553732551	0.95141657	0.966886552	1.506253988	0.58388532	1.145627647	1.137647837
4/7/2014 17:30	2	0.553682334	0.951340441	0.967145521	1.507923644	0.583888532	1.148797328	1.139103413
4/7/2014 18:00	2	0.553632118	0.949555445	0.967404489	1.510750273	0.583891744	1.154754089	1.137412778
4/7/2014 18:30	2	0.553581901	0.949494351	0.967663458	1.510830084	0.583894956	1.153868904	1.139264001
4/7/2014 19:00	2	0.547502041	0.950498998	0.973693073	1.509010452	0.585100889	1.154796929	1.140908435
4/7/2014 19:30	2	0.547503323	0.950569653	0.971400672	1.508952187	0.585109506	1.15388754	1.14003395
4/7/2014 20:00	2	0.547504605	0.950640307	0.970970976	1.513264859	0.585118123	1.153989052	1.140446916
4/7/2014 20:30	2	0.547505887	0.950710962	0.972216343	1.515689659	0.58512674	1.157361255	1.143380699
4/7/2014 21:00	2	0.547507169	0.950781616	0.97346171	1.518158921	0.585135357	1.158187752	1.144543119
4/7/2014 21:30	2	0.547508451	0.950852271	0.9753898	1.518340113	0.585143974	1.160789024	1.146063623
4/7/2014 22:00	2	0.547509733	0.950922926	0.977340451	1.521265212	0.585152591	1.156395813	1.143092661
4/7/2014 22:30	2	0.547511015	0.95099358	0.974686257	1.522127449	0.585161208	1.158931153	1.147536706
4/7/2014 23:00	2	0.547512297	0.951064235	0.973517081	1.523189347	0.585169825	1.162664395	1.150465332
4/7/2014 23:30	2	0.547513579	0.951134889	0.974659469	1.522703325	0.585178442	1.161816615	1.150875767
4/8/2014 0:00	2	0.547514861	0.951205544	0.974862927	1.524343289	0.585187059	1.163815623	1.151283218
4/8/2014 0:30	2	0.547516143	0.951276198	0.975066384	1.525038777	0.585195676	1.163401516	1.150912081
4/8/2014 1:00	2	0.547517424	0.951346853	0.975269841	1.526206993	0.585204293	1.166890654	1.150519904
4/8/2014 1:30	2	0.547518706	0.951417508	0.975473298	1.527681797	0.58521291	1.166823054	1.148858816
4/8/2014 2:00	2	0.547519988	0.951488162	0.975676755	1.530045688	0.585221527	1.16398673	1.156183092
4/8/2014 2:30	2	0.54752127	0.951558817	0.975880212	1.52857468	0.585230144	1.16507373	1.152434572
4/8/2014 3:00	2	0.547522552	0.951629471	0.976083669	1.53129326	0.585238761	1.169935653	1.151130551

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/8/2014 3:30	2	0.547523834	0.951700126	0.98383277	1.531408398	0.585247378	1.168570322	1.151918935
4/8/2014 4:00	2	0.547525116	0.95177078	0.978470159	1.53279698	0.585255995	1.168092601	1.155324445
4/8/2014 4:30	2	0.547526398	0.951841435	0.978298825	1.536342765	0.585264612	1.168626658	1.155368417
4/8/2014 5:00	2	0.54752768	0.958377383	0.979898655	1.53554164	0.585273229	1.172433835	1.154744642
4/8/2014 5:30	2	0.547528962	0.964730969	0.982396628	1.532680005	0.585281846	1.170097041	1.155366937
4/8/2014 6:00	2	0.547530244	0.96461926	0.983345519	1.533779581	0.585290463	1.172908727	1.15908861
4/8/2014 6:30	2	0.547531526	0.964507552	0.983232042	1.532815315	0.58529908	1.170975709	1.15590786
4/8/2014 7:00	2	0.547532808	0.964395843	0.983118566	1.532695761	0.585307697	1.167607219	1.160900159
4/8/2014 7:30	2	0.54753409	0.964284135	0.983005089	1.532631143	0.585316314	1.170688333	1.155980987
4/8/2014 8:00	2	0.547535372	0.964172426	0.982891612	1.530875175	0.585324931	1.168391315	1.157596406
4/8/2014 8:30	2	0.547536654	0.964060718	0.982778135	1.529249827	0.585333548	1.167186215	1.153160013
4/8/2014 9:00	2	0.547537936	0.963949009	0.982664658	1.529608216	0.585342165	1.167211617	1.152881374
4/8/2014 9:30	2	0.547539218	0.963837301	0.982551182	1.525300286	0.585350782	1.162955041	1.15283668
4/8/2014 10:00	2	0.5475405	0.961384875	0.982437705	1.525350724	0.585359399	1.159696745	1.151908337
4/8/2014 10:30	2	0.547541782	0.958262123	0.982324228	1.523312672	0.585368016	1.158854095	1.148908142
4/8/2014 11:00	2	0.550391294	0.957480088	0.982210751	1.522046809	0.585376633	1.161554118	1.14765679
4/8/2014 11:30	2	0.552497003	0.956698053	0.982097275	1.519758148	0.58538525	1.15872549	1.1483829
4/8/2014 12:00	2	0.551754482	0.955916017	0.981983798	1.521048381	0.585393867	1.158383057	1.147640708
4/8/2014 12:30	2	0.551011961	0.955133982	0.974063699	1.518329882	0.585402484	1.159827317	1.143594156
4/8/2014 13:00	N/M	0.55026944	0.954351947	0.970191952	1.520891012	0.585411101	1.153204564	1.14573876
4/8/2014 13:30	2.325834042	0.552424564	0.953569911	0.970064449	1.51655339	0.585419718	1.153154225	1.139103413
4/8/2014 14:00	2.344422337	0.822123355	0.973472239	0.969945465	1.515389519	0.585428335	1.151079248	1.141001615
4/8/2014 14:30	2.020975349	1.912530863	0.946755071	0.969826482	1.515756528	0.585543579	1.151056054	1.138640625
4/8/2014 15:00	2.009336566	0.970671749	0.94682596	0.967732852	1.770120325	0.593241762	1.148792982	1.136633214
4/8/2014 15:30	2.008343037	0.970244479	0.947858661	0.965980885	1.731230127	1.945966826	1.204654294	1.137941543
4/8/2014 16:00	2.007403844	0.969817209	0.948687861	0.966203566	1.584609599	1.142238557	1.150597868	1.136636038
4/8/2014 16:30	2.008616671	0.969389939	0.948555251	0.966702607	1.582437314	0.1081034	1.149031338	1.138235089
4/8/2014 17:00	2.007435128	0.325826209	0.94842264	0.967938125	1.58492284	1.924173657	1.148430461	1.138129823
4/8/2014 17:30	2.00794675	1.58217346	0.94829003	0.968897283	1.58340008	0.612938841	1.146233439	1.138024558
4/8/2014 18:00	2.00836667	0.548783863	0.948157419	0.969856441	1.583371882	0.613065998	1.146077444	1.137166027
4/8/2014 18:30	2.010321204	0.549760449	0.948024809	0.970815599	1.584302026	0.613193154	1.15067991	1.134437218
4/8/2014 19:00	2.010447763	0.550737035	0.945380782	0.971774757	1.585238203	0.613320311	1.149630571	1.137242815
4/8/2014 19:30	2.010351264	0.551713622	0.950575292	0.972733915	1.586035385	0.613447467	1.149261764	1.136100824
4/8/2014 20:00	2.033660612	0.569311036	0.98964025	1.015413649	1.613442752	0.631966323	1.192813834	1.186908932
4/8/2014 20:30	2.066136826	0.563036179	0.976303357	1.002239961	1.626771122	0.625934601	1.189719907	1.177608116
4/8/2014 21:00	2.067591399	0.563005875	0.976319588	1.002099432	1.628505577	0.625934601	1.188227397	1.17319964
4/8/2014 21:30	2.068839549	0.562975571	0.976335819	1.001958903	1.630673785	0.625934601	1.193339039	1.174624436
4/8/2014 22:00	2.072740501	0.562945267	0.97635205	1.001818374	1.632720803	0.625934601	1.188104733	1.175358076
4/8/2014 22:30	2.072389536	0.562914963	0.976368281	1.001677845	1.63366311	0.625934601	1.189265911	1.170401816
4/8/2014 23:00	2.073112312	0.562884659	0.976384512	1.001537316	1.634352033	0.625934601	1.189111702	1.179142927
4/8/2014 23:30	2.072424641	0.562854355	0.976400742	1.001396787	1.634848475	0.625934601	1.191096789	1.173890893
4/9/2014 0:00	2.074429263	0.562824051	0.976416973	1.001256258	1.632837673	0.625934601	1.190649276	1.174682736
4/9/2014 0:30	2.074173352	0.562793747	0.976433204	0.99799877	1.633803612	0.625934601	1.191974243	1.176377937
4/9/2014 1:00	2.075486139	0.562763443	0.976449435	1.00018232	1.635540659	0.625934601	1.194199887	1.176610297
4/9/2014 1:30	2.076937944	0.562733139	0.976465666	1.002126078	1.640423507	0.625934601	1.19250532	1.174001748
4/9/2014 2:00	2.078741745	0.562702835	0.976481897	1.002787312	1.639619211	0.625934601	1.192678765	1.177885457
4/9/2014 2:30	2.080214823	0.562672531	0.976498128	1.003448546	1.639559432	0.625934601	1.195737631	1.176520808
4/9/2014 3:00	2.080562375	0.562642227	0.976514358	1.00410978	1.642198701	0.625934601	1.196558404	1.181446074
4/9/2014 3:30	2.078888026	0.562611923	0.976530589	1.004771014	1.639488653	0.625934601	1.193170671	1.180938634
4/9/2014 4:00	2.078933957	0.562581619	0.97654682	1.000095163	1.640445198	0.625934601	1.191594932	1.178811018
4/9/2014 4:30	2.080961295	0.562551315	0.976563051	0.996309233	1.639418731	0.625934601	1.192498295	1.179047202
4/9/2014 5:00	2.081779718	0.562521011	0.976579282	0.996494318	1.64173632	0.625934601	1.191951876	1.180052167
4/9/2014 5:30	2.081916132	0.562490707	0.977967228	1.000268483	1.643586419	0.625934601	1.192743421	1.177671105
4/9/2014 6:00	2.083243478	0.562460403	0.979593285	1.001483226	1.641047235	0.625934601	1.193274213	1.177632987
4/9/2014 6:30	2.085775862	0.562430099	0.979847626	0.999638597	1.64293541	0.625934601	1.192373543	1.18012032

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/9/2014 7:00	2.089718375	0.562399796	0.980101967	0.997800027	1.648941811	0.625934601	1.198301575	1.178718028
4/9/2014 7:30	2.085762789	0.562369492	0.980356309	0.99834132	1.643876705	0.625934601	1.189779042	1.179942354
4/9/2014 8:00	2.0879855	0.562339188	0.983137741	0.997735315	1.642645959	0.625934601	1.191206171	1.179542177
4/9/2014 8:30	2.084449183	0.562308884	0.982738516	0.996447252	1.644359579	0.625934601	1.193201632	1.178502433
4/9/2014 9:00	2.082235706	0.56227858	0.98247586	0.99515919	1.642144483	0.625934601	1.190480312	1.17451438
4/9/2014 9:30	2.078131207	0.562248276	0.982213203	0.992632466	1.638902212	0.625934601	1.187008263	1.170005646
4/9/2014 10:00	2.073573653	0.562217972	0.981950547	0.990858542	1.638223521	0.625934601	1.186864853	1.169547823
4/9/2014 10:30	2.07035085	0.562187668	0.98168789	0.989790367	1.632204974	0.625934601	1.183106947	1.164522602
4/9/2014 11:00	2.067500763	0.56215416	0.981425234	0.98905997	1.631827453	0.625934601	1.180863359	1.165404512
4/9/2014 11:30	2.065545761	0.561772662	0.981162578	0.988862485	1.631524085	0.625934601	1.181342739	1.161110827
4/9/2014 12:00	2.067028966	0.561394369	0.980899921	0.986901231	1.629401331	0.625934601	1.17855022	1.16535915
4/9/2014 12:30	2.066350159	0.561016077	0.973426646	0.985137463	1.629442355	0.625934601	1.176335195	1.160864582
4/9/2014 13:00	2.063499082	0.560637784	0.965943439	0.985137463	1.626572037	0.625934601	1.178062052	1.164893954
4/9/2014 13:30	2.064555595	0.560259491	0.96567085	0.98781204	1.628085682	0.625934601	1.178346406	1.160117695
4/9/2014 14:00	2.063067851	0.559881198	0.965398261	0.98734337	1.624524309	0.625934601	1.179567109	1.160106674
4/9/2014 14:30	2.063011795	0.559502905	0.965125672	0.987273753	1.624301639	0.625934601	1.173026705	1.156839196
4/9/2014 15:00	2.061105535	0.559124612	0.961703127	0.987273753	1.622900047	0.625934601	1.173218805	1.158283666
4/9/2014 15:30	2.062640636	0.558746319	0.961536554	0.986806141	1.622835317	0.625934601	1.174605794	1.16281088
4/9/2014 16:00	2.060032873	0.558368026	0.961587483	0.98729015	1.625021863	0.625934601	1.170779953	1.157555288
4/9/2014 16:30	2.061927521	0.557989733	0.961638413	0.983908419	1.622496363	0.625934601	1.172009749	1.154570138
4/9/2014 17:00	2.061437457	0.557611441	0.962045277	0.981224026	1.621784101	0.625934601	1.172487681	1.158757553
4/9/2014 17:30	2.060281688	0.557233148	0.962334188	0.984797722	1.622807039	0.625934601	1.172918919	1.161414907
4/9/2014 18:00	2.063846377	0.556854855	0.962267165	0.985384036	1.621264414	0.625934601	1.174838075	1.160402888
4/9/2014 18:30	2.0620409	0.556476562	0.962200141	0.985325374	1.622124828	0.625934601	1.173805708	1.158291345
4/9/2014 19:00	2.066398144	0.556098269	0.962133118	0.985266711	1.623064134	0.625934601	1.174782347	1.157595202
4/9/2014 19:30	2.066495348	0.555719976	0.962066095	0.985208049	1.62471474	0.625934601	1.175602085	1.155407324
4/9/2014 20:00	2.068325349	0.555341683	0.961513466	0.985143425	1.628050546	0.625934601	1.175781978	1.15941171
4/9/2014 20:30	2.073381378	0.55496339	0.961194208	0.986300535	1.628124514	0.625934601	1.174346792	1.15834561
4/9/2014 21:00	2.075050887	0.554585097	0.961360555	0.987463606	1.630328692	0.625934601	1.172218733	1.157276086
4/9/2014 21:30	2.07775528	0.5539063	0.961526902	0.988626678	1.634029807	0.625934601	1.176745892	1.162387964
4/9/2014 22:00	2.080543869	0.553605795	0.96169325	0.989981396	1.633140612	0.625934601	1.182476475	1.16397945
4/9/2014 22:30	2.081499516	0.553605795	0.961859597	0.990252254	1.638301897	0.625934601	1.181423018	1.165625036
4/9/2014 23:00	2.081091541	0.553605795	0.962025944	0.990331466	1.636302061	0.625934601	1.180354843	1.163817051
4/9/2014 23:30	2.081184138	0.553605795	0.962192291	0.990410679	1.637255348	0.625934601	1.177910832	1.166380014
4/10/2014 0:00	2.085837588	0.553605795	0.962358639	0.990489891	1.640226088	0.625934601	1.18216231	1.169669989
4/10/2014 0:30	2.086027112	0.553605795	0.962524986	0.990569103	1.641960772	0.625934601	1.184230241	1.167932028
4/10/2014 1:00	2.089855776	0.553605795	0.962691333	0.992121184	1.643590231	0.625934601	1.182777068	1.167567688
4/10/2014 1:30	2.094705062	0.553605795	0.96285768	0.991905572	1.64705358	0.625934601	1.187951682	1.167268096
4/10/2014 2:00	2.093305161	0.553605795	0.963024027	0.991501812	1.646977104	0.625934601	1.188735979	1.171893337
4/10/2014 2:30	2.096254525	0.553605795	0.963190375	0.991098053	1.648694914	0.625934601	1.185191402	1.171605587
4/10/2014 3:00	2.096819202	0.553605795	0.966393277	0.990694293	1.650801878	0.625934601	1.185352698	1.171502298
4/10/2014 3:30	2.098535647	0.553605795	0.970030844	0.990290533	1.649986339	0.625934601	1.187190415	1.171049124
4/10/2014 4:00	2.097542502	0.553605795	0.969930202	0.989886774	1.650587179	0.625934601	1.184525817	1.173173895
4/10/2014 4:30	2.097796249	0.553605795	0.969829561	0.989483014	1.651129266	0.625934601	1.186062696	1.171667068
4/10/2014 5:00	2.101281991	0.553605795	0.969728919	0.989079254	1.649664887	0.625934601	1.187894106	1.169082804
4/10/2014 5:30	2.100396504	0.553605795	0.969628277	0.988675495	1.650281126	0.62582103	1.182515919	1.17090447
4/10/2014 6:00	2.100713535	0.553605795	0.969527635	0.989840466	1.653537782	0.625707459	1.182112643	1.168026399
4/10/2014 6:30	2.103982718	0.553605795	0.969426993	0.990844744	1.652961566	0.625593888	1.183206174	1.169374811
4/10/2014 7:00	2.104658712	0.553605795	0.969326352	0.991226244	1.654462809	0.625480317	1.182531279	1.173265402
4/10/2014 7:30	2.105856291	0.553605795	0.96922571	0.99075775	1.658068807	0.625366747	1.183437957	1.169992674
4/10/2014 8:00	2.104005926	0.553605795	0.969125068	0.990121695	1.656194438	0.625253176	1.185481822	1.170759069
4/10/2014 8:30	2.102112314	0.553605795	0.969024426	0.989485641	1.652972853	0.625139605	1.181716305	1.173997163
4/10/2014 9:00	2.099250337	0.553605795	0.966349143	0.988849586	1.652239227	0.625026034	1.181837557	1.168692302
4/10/2014 9:30	2.100738737	0.553605795	0.962071539	0.984860188	1.650637246	0.624912463	1.180568165	1.168220543
4/10/2014 10:00	2.101757983	0.553605795	0.960368576	0.983734424	1.654643372	0.624798892	1.181162851	1.167432233

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/10/2014 10:30	2.09800438	0.553605795	0.958665613	0.987502265	1.650901969	0.624685322	1.177954175	1.167208918
4/10/2014 11:00	2.095875621	0.553605795	0.95696265	0.981117409	1.649093966	0.624571751	1.175936992	1.161850152
4/10/2014 11:30	2.09313312	0.553605795	0.955015633	0.97953209	1.648087444	0.62445818	1.176965427	1.163764618
4/10/2014 12:00	2.093956764	0.553668708	0.955779317	0.97942	1.647305194	0.624344609	1.172388138	1.157081165
4/10/2014 12:30	2.093165694	0.553731622	0.956551736	0.97930791	1.645315689	0.624231038	1.175200563	1.158995966
4/10/2014 13:00	2.092071988	0.553794535	0.956500779	0.97919582	1.64378621	0.624117467	1.170465184	1.15867265
4/10/2014 13:30	2.093690026	0.553857448	0.956449822	0.979083731	1.643895348	0.624003896	1.177152955	1.159300993
4/10/2014 14:00	2.0897794	0.553920362	0.956398865	0.978971641	1.642267821	0.623890326	1.173402146	1.156431845
4/10/2014 14:30	2.088931099	0.553983275	0.956347909	0.978859551	1.641087193	0.623776755	1.173736856	1.153465493
4/10/2014 15:00	2.088689252	0.554046188	0.956296952	0.978747462	1.639577402	0.623663184	1.170488146	1.155472247
4/10/2014 15:30	2.089193447	0.554109101	0.956245995	0.978635372	1.639864598	0.623549613	1.169976133	1.155485386
4/10/2014 16:00	2.088433879	0.554172015	0.956195038	0.977050066	1.639893328	0.623436042	1.171141418	1.152679427
4/10/2014 16:30	2.091100482	0.554234928	0.956144081	0.977717002	1.641240955	0.623322471	1.169182211	1.155457842
4/10/2014 17:00	2.092343113	0.554297841	0.956093125	0.978383938	1.64185685	0.623208901	1.1699606	1.156374316
4/10/2014 17:30	2.086898913	0.554360755	0.955788343	0.978468749	1.640164948	0.62309533	1.169242448	1.152358085
4/10/2014 18:00	2.09032077	0.554423668	0.954958727	0.973748869	1.63973738	0.622981759	1.170350054	1.151953732
4/10/2014 18:30	2.088530707	0.554486581	0.954917763	0.975711912	1.64036144	0.622868188	1.165468697	1.149499126
4/10/2014 19:00	2.089831908	0.554549495	0.955063947	0.976347078	1.639044719	0.622754617	1.163997216	1.14890575
4/10/2014 19:30	2.091374912	0.554612408	0.955448618	0.976407029	1.641862229	0.622641046	1.172346023	1.151589258
4/10/2014 20:00	2.098767043	0.554675321	0.956144886	0.976466981	1.64510107	0.622527476	1.170010308	1.15317369
4/10/2014 20:30	2.098228472	0.554738235	0.956602666	0.976526932	1.646053512	0.622413905	1.173564425	1.161594456
4/10/2014 21:00	2.101108134	0.554801148	0.957060445	0.976586884	1.647255869	0.622300334	1.176425953	1.158735487
4/10/2014 21:30	2.105951107	0.554864061	0.957518225	0.976646835	1.650355171	0.622186763	1.1732495	1.164492167
4/10/2014 22:00	2.107796064	0.554926975	0.957976005	0.976706787	1.65266286	0.622073192	1.173732347	1.161100196
4/10/2014 22:30	2.111306346	0.554989888	0.958433785	0.976766738	1.657620195	0.621959621	1.17635856	1.162718586
4/10/2014 23:00	2.112993591	0.555626325	0.958891565	0.981210988	1.657238535	0.62184605	1.178623876	1.164636927
4/10/2014 23:30	2.116010596	0.555856511	0.959349345	0.985023052	1.65886553	0.62173248	1.181600392	1.163670778
4/11/2014 0:00	2.120441848	0.555513173	0.959807125	0.984450817	1.664703473	0.621258995	1.182117291	1.164576735
4/11/2014 0:30	2.119037057	0.555169836	0.960264905	0.983878583	1.663996339	0.621890932	1.183155523	1.166537704
4/11/2014 1:00	2.10735822	0.539506801	0.927265823	0.948015814	1.655835864	0.606004588	1.143130273	1.136843628
4/11/2014 1:30	2.119196575	0.558211338	0.960976532	0.982742742	1.665208878	0.619958672	1.179274848	1.164243063
4/11/2014 2:00	2.118267935	0.558086538	0.961825102	0.984192387	1.667248956	0.61993379	1.181272235	1.164606142
4/11/2014 2:30	2.121833797	0.557961737	0.962011992	0.984176657	1.666549333	0.619908907	1.181543901	1.16475873
4/11/2014 3:00	2.126019354	0.557836937	0.962198882	0.984131379	1.668379146	0.619884025	1.178912859	1.165641887
4/11/2014 3:30	2.124798085	0.557712136	0.962851255	0.98688238	1.670681825	0.619859143	1.186035962	1.171014799
4/11/2014 4:00	2.124792222	0.557587336	0.963327878	0.987115051	1.670744561	0.619834261	1.186125272	1.172870173
4/11/2014 4:30	2.128586414	0.557462535	0.963339017	0.986651113	1.672059746	0.619809379	1.185268801	1.169543963
4/11/2014 5:00	2.130812612	0.557337735	0.963350156	0.986187176	1.673298662	0.619784497	1.185271368	1.170632834
4/11/2014 5:30	2.130140747	0.557212934	0.963361296	0.985723238	1.673886167	0.619759615	1.187795754	1.172838346
4/11/2014 6:00	2.135347467	0.557088134	0.963372435	0.985259301	1.674027099	0.619734732	1.186528096	1.176742721
4/11/2014 6:30	2.135541083	0.556963333	0.963383574	0.984657991	1.678365868	0.61970985	1.188727324	1.172673702
4/11/2014 7:00	2.13608158	0.556838533	0.963394713	0.986769596	1.678144891	0.619684968	1.185110033	1.171702032
4/11/2014 7:30	2.135767083	0.556713732	0.963405853	0.986875791	1.678342373	0.619660086	1.186726871	1.16895539
4/11/2014 8:00	2.135656247	0.556588932	0.965914771	0.984583754	1.677162018	0.619635204	1.185727442	1.168977154
4/11/2014 8:30	2.135525583	0.556464131	0.965401464	0.98269323	1.676423243	0.619610322	1.184280363	1.172440541
4/11/2014 9:00	2.132098747	0.556339331	0.964892077	0.982082878	1.676480811	0.61958544	1.1845937	1.168053435
4/11/2014 9:30	2.134013974	0.55621453	0.964382689	0.981971401	1.674699822	0.619560557	1.183675686	1.166247273
4/11/2014 10:00	2.132835802	0.55608973	0.963873302	0.982162332	1.675552126	0.619535675	1.180588713	1.164420931
4/11/2014 10:30	2.131009504	0.555964929	0.963363914	0.982677218	1.672942885	0.619510793	1.183121857	1.164635725
4/11/2014 11:00	2.132581879	0.555840129	0.962854527	0.981458402	1.674955216	0.619485911	1.180031063	1.163559253
4/11/2014 11:30	2.128030769	0.555715329	0.962345139	0.979915631	1.670840171	0.619461029	1.176435641	1.159640582
4/11/2014 12:00	2.122723278	0.555590528	0.956472551	0.976381571	1.667036707	0.619436147	1.177648341	1.160573302
4/11/2014 12:30	2.120044156	0.555465728	0.95299516	0.977130396	1.664830321	0.619411265	1.175512051	1.155156313
4/11/2014 13:00	2.117695055	0.553252598	0.953184441	0.97629514	1.663563759	0.619386382	1.171616455	1.156442203
4/11/2014 13:30	2.116090595	0.551321107	0.953123242	0.973660921	1.658445311	0.6193615	1.171076261	1.156450636

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/11/2014 14:00	2.117297422	0.551477944	0.953062043	0.972358021	1.66293435	0.619336618	1.171767638	1.153369714
4/11/2014 14:30	2.117910722	0.551634781	0.953000844	0.972944519	1.662484697	0.619311736	1.172459014	1.149817611
4/11/2014 15:00	2.117603693	0.551791619	0.952939645	0.971310597	1.662927681	0.619286854	1.171698837	1.154641286
4/11/2014 15:30	2.114996701	0.551948456	0.952878446	0.967910189	1.661374805	0.617867942	1.170168042	1.151265378
4/11/2014 16:00	2.116147338	0.552105293	0.952817247	0.967162884	1.660592504	0.616411488	1.164142326	1.152122962
4/11/2014 16:30	2.115232037	0.552262131	0.952756049	0.966415579	1.659556351	0.616349063	1.165073822	1.154410483
4/11/2014 17:00	2.116509353	0.552418968	0.95269485	0.965408064	1.659234804	0.616286638	1.163345955	1.157157184
4/11/2014 17:30	2.117132103	0.552575805	0.952633651	0.971501891	1.660206485	0.616224213	1.168854556	1.155121826
4/11/2014 18:00	2.117240631	0.552732643	0.951001638	0.972785393	1.661304149	0.616161788	1.169922232	1.150819074
4/11/2014 18:30	2.118780106	0.55288948	0.949872966	0.97355624	1.66254151	0.616099363	1.171138165	1.151196857
4/11/2014 19:00	2.121293829	0.553046317	0.950315109	0.974327087	1.664339117	0.616036938	1.172354099	1.151845853
4/11/2014 19:30	2.120780715	0.553203154	0.950757251	0.975097934	1.662164164	0.615974513	1.173570033	1.152494848
4/11/2014 20:00	2.127396745	0.553359992	0.951199394	0.976917217	1.667435134	0.615912088	1.174785966	1.153143844
4/11/2014 20:30	2.130326288	0.553516829	0.951641537	0.978277694	1.667111776	0.615849663	1.176706154	1.159030107
4/11/2014 21:00	2.132454257	0.553673666	0.95208368	0.978589736	1.672636699	0.615787238	1.176259588	1.161267056
4/11/2014 21:30	2.134779812	0.553830504	0.952525822	0.978901777	1.673571981	0.615724813	1.177122183	1.155800134
4/11/2014 22:00	2.136582246	0.553987341	0.952967965	0.979213819	1.673247264	0.615662388	1.177445636	1.161237783
4/11/2014 22:30	2.138874959	0.554144178	0.953410108	0.97952586	1.674605657	0.615599963	1.178800693	1.165789327
4/11/2014 23:00	2.136390802	0.554301016	0.95385225	0.979837902	1.67837106	0.615537538	1.182000173	1.16389069
4/11/2014 23:30	2.138285538	0.554457853	0.954294393	0.980149943	1.676624299	0.615475113	1.180111736	1.16372423
4/12/2014 0:00	2.143018867	0.55461469	0.954736536	0.980461985	1.682463208	0.615412688	1.181725788	1.166361464
4/12/2014 0:30	2.143952031	0.554771528	0.959171415	0.982726863	1.68275607	0.615350263	1.180254782	1.167281705
4/12/2014 1:00	2.145955543	0.555564107	0.962858219	0.984150281	1.684082607	0.615287838	1.180667916	1.168746901
4/12/2014 1:30	2.146074729	0.55572376	0.962552287	0.983620864	1.684449293	0.615225413	1.181218863	1.166573698
4/12/2014 2:00	2.147824325	0.555247672	0.962246354	0.983091447	1.684420769	0.615162988	1.179735766	1.165301411
4/12/2014 2:30	2.1458958	0.554771583	0.961940422	0.982562029	1.685262042	0.615100563	1.177049534	1.165558093
4/12/2014 3:00	2.14660405	0.554295495	0.96163449	0.982032612	1.686249593	0.615038138	1.177908	1.166393706
4/12/2014 3:30	2.146806506	0.553819406	0.961328558	0.981503194	1.68599236	0.614975713	1.184620035	1.165195655
4/12/2014 4:00	2.148190345	0.553343318	0.961022626	0.980973777	1.686891815	0.614913287	1.182448325	1.163932419
4/12/2014 4:30	2.146707971	0.552867229	0.960716694	0.980444359	1.685506724	0.614850862	1.179678911	1.1619628
4/12/2014 5:00	2.149966835	0.55239114	0.960410762	0.979914942	1.687243095	0.614788437	1.179789183	1.163739796
4/12/2014 5:30	2.151035046	0.551915052	0.96010483	0.978124844	1.687932086	0.614726012	1.182712769	1.166847388
4/12/2014 6:00	2.152876727	0.551438963	0.959798898	0.978330277	1.688436842	0.614663587	1.178944262	1.16472699
4/12/2014 6:30	2.153462227	0.550962875	0.959492966	0.978237138	1.691896584	0.614601162	1.18076533	1.161948437
4/12/2014 7:00	2.155804876	0.550486786	0.959187034	0.978143998	1.69171324	0.614538737	1.17923522	1.16456275
4/12/2014 7:30	2.157722468	0.550010698	0.958881102	0.978050859	1.69301087	0.614476312	1.179291933	1.168237367
4/12/2014 8:00	2.157105461	0.549534609	0.95857517	0.97795772	1.691857847	0.614413887	1.17570424	1.164742549
4/12/2014 8:30	2.150089595	0.549058521	0.958269237	0.97786458	1.690947769	0.614351462	1.17709887	1.160743636
4/12/2014 9:00	2.148686271	0.548582432	0.957963305	0.972909291	1.686729278	0.614289037	1.17623343	1.159855962
4/12/2014 9:30	2.148426879	0.548106344	0.953238923	0.968294963	1.686268111	0.614226612	1.172723482	1.154511285
4/12/2014 10:00	2.147375297	0.547630255	0.9487097	0.968542783	1.685667163	0.614164187	1.172527753	1.157370059
4/12/2014 10:30	2.149188734	0.547154167	0.948598927	0.96895293	1.685285326	0.614101762	1.17075249	1.156073354
4/12/2014 11:00	2.153613279	0.546678078	0.948488155	0.968939336	1.686833383	0.614039337	1.174154468	1.16222917
4/12/2014 11:30	2.152496844	0.54620199	0.948377383	0.968763415	1.690896861	0.613976912	1.176941681	1.162279065
4/12/2014 12:00	2.150999244	0.545725901	0.948266611	0.968587493	1.687764241	0.613914487	1.174482814	1.161542096
4/12/2014 12:30	2.14713238	0.545249813	0.948155839	0.966779712	1.685735525	0.613852062	1.171910763	1.151877404
4/12/2014 13:00	2.145000079	0.544773724	0.948045067	0.962019712	1.685660153	0.613789637	1.169018601	1.150853038
4/12/2014 13:30	2.122007203	0.505152883	0.898707401	0.901363346	1.662213438	0.573071952	1.089685319	1.094319887
4/12/2014 14:00	2.146274487	0.547979883	0.943345618	0.965392524	1.685835335	0.615186389	1.164242405	1.150536651
4/12/2014 14:30	2.147080947	0.548001186	0.943364107	0.965484607	1.685255564	0.616143305	1.164594935	1.153664722
4/12/2014 15:00	2.146261057	0.547889921	0.943382596	0.96557669	1.684074129	0.616117872	1.166215814	1.15224366
4/12/2014 15:30	2.144182584	0.547778655	0.943401085	0.965668773	1.683815795	0.61609244	1.165546069	1.151184564
4/12/2014 16:00	2.142669061	0.547667389	0.943419574	0.965760856	1.683089888	0.616067007	1.163645244	1.148735809
4/12/2014 16:30	2.144564134	0.547556123	0.943438063	0.96585294	1.682670452	0.616041575	1.164856729	1.148605
4/12/2014 17:00	2.145803873	0.547444858	0.943456552	0.966385701	1.687111288	0.616016142	1.164974564	1.148798488

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/12/2014 17:30	2.150540405	0.547333592	0.943475041	0.967151491	1.687322298	0.61599071	1.167636576	1.152201371
4/12/2014 18:00	2.150901353	0.547222326	0.94349353	0.967476602	1.685664927	0.615965277	1.168317041	1.148141627
4/12/2014 18:30	2.149631863	0.54711106	0.943512019	0.967801713	1.686225564	0.615939844	1.165260031	1.146878103
4/12/2014 19:00	2.150998698	0.546999795	0.943530508	0.968126825	1.688204757	0.615914412	1.163511124	1.150515892
4/12/2014 19:30	2.153384171	0.546888529	0.943548997	0.968451936	1.687802888	0.615888979	1.163612137	1.151510002
4/12/2014 20:00	2.150823902	0.546777263	0.943567486	0.968777048	1.687870523	0.615863547	1.167356189	1.151360446
4/12/2014 20:30	2.150060467	0.546665998	0.943585975	0.969102159	1.687617214	0.615838114	1.1631708	1.151178521
4/12/2014 21:00	2.155085213	0.546554732	0.943604464	0.96942727	1.690497465	0.615812682	1.167039918	1.154330998
4/12/2014 21:30	2.157264243	0.546443466	0.943622953	0.969752382	1.693012496	0.615787249	1.165136306	1.155352734
4/12/2014 22:00	2.157846085	0.5463322	0.943641442	0.970359344	1.692924508	0.615761817	1.169343544	1.149649494
4/12/2014 22:30	2.158212027	0.546220935	0.943659931	0.971662964	1.693394551	0.615736384	1.169589264	1.152989308
4/12/2014 23:00	2.1581327	0.546109669	0.94367842	0.971465974	1.695980257	0.615710951	1.170565445	1.15497299
4/12/2014 23:30	2.159539655	0.545998403	0.943696909	0.971069989	1.692159958	0.615685519	1.169080469	1.151401162
4/13/2014 0:00	2.160045866	0.545887137	0.943715398	0.970674004	1.695160512	0.615660086	1.169554043	1.155024879
4/13/2014 0:30	2.160327286	0.545775872	0.943733887	0.969849226	1.695272522	0.615634654	1.170969969	1.155198952
4/13/2014 1:00	2.163080725	0.545664606	0.943752376	0.967488212	1.694991774	0.615609221	1.172775877	1.155278206
4/13/2014 1:30	2.162027206	0.54555334	0.943770865	0.970749738	1.698273854	0.615583789	1.172702898	1.155278206
4/13/2014 2:00	2.16366469	0.545442075	0.943789354	0.972434148	1.696231232	0.615558356	1.170937822	1.155278206
4/13/2014 2:30	2.162873473	0.545330809	0.943807843	0.974074513	1.698097093	0.615532923	1.170332888	1.155278206
4/13/2014 3:00	2.163462208	0.545219543	0.943826332	0.975714877	1.69786662	0.615507491	1.173169031	1.155278206
4/13/2014 3:30	2.166280329	0.545108277	0.943844821	0.971771442	1.702075316	0.615482058	1.173860467	1.157711039
4/13/2014 4:00	2.166617807	0.544997012	0.94386331	0.969211881	1.701758662	0.615456626	1.174744652	1.156186357
4/13/2014 4:30	2.16509015	0.544885746	0.943881799	0.969918856	1.70031365	0.615431193	1.17665206	1.155623932
4/13/2014 5:00	2.16984951	0.54477448	0.943900288	0.970625831	1.701179855	0.615405761	1.178208149	1.157838677
4/13/2014 5:30	2.169237842	0.544663214	0.950260735	0.971332806	1.703265275	0.615380328	1.176589275	1.159152207
4/13/2014 6:00	2.170909581	0.544551949	0.955552497	0.972039781	1.704934936	0.615354896	1.174817712	1.160771489
4/13/2014 6:30	2.170198375	0.544440683	0.954502302	0.972746756	1.704475413	0.615329463	1.175599457	1.161398157
4/13/2014 7:00	2.171920232	0.544329417	0.953452107	0.973453731	1.704748196	0.61530403	1.176764213	1.160931458
4/13/2014 7:30	2.172777692	0.544218152	0.952401912	0.974689829	1.705750655	0.615278598	1.178205617	1.157450419
4/13/2014 8:00	2.170753534	0.544106886	0.951351716	0.973579046	1.702043629	0.615253165	1.177084867	1.160061896
4/13/2014 8:30	2.16595426	0.54399562	0.950301521	0.970222023	1.7025485	0.615227733	1.17584765	1.162310221
4/13/2014 9:00	2.168316139	0.543884354	0.949251326	0.968651669	1.701903815	0.6152023	1.175817132	1.161745873
4/13/2014 9:30	2.163619204	0.543773089	0.94820113	0.970399503	1.700281299	0.615176868	1.175786614	1.156270107
4/13/2014 10:00	2.160181937	0.543661823	0.947150935	0.973635179	1.69768006	0.615151435	1.175756097	1.159225673
4/13/2014 10:30	2.15860461	0.543550557	0.94610074	0.972795916	1.693861077	0.615126003	1.172373357	1.160209855
4/13/2014 11:00	2.157675724	0.543439291	0.945050545	0.972403978	1.693334959	0.61510057	1.173075723	1.160782858
4/13/2014 11:30	2.157620163	0.543328026	0.944000349	0.972335646	1.695020936	0.615075137	1.172368526	1.161133685
4/13/2014 12:00	2.159081058	0.54321676	0.942950154	0.972267314	1.694127137	0.615049705	1.171790266	1.157874024
4/13/2014 12:30	2.156885409	0.543105494	0.941899959	0.972198982	1.693463854	0.615024272	1.173626127	1.15605956
4/13/2014 13:00	2.154949086	0.542994229	0.940849764	0.97213065	1.689693902	0.61499884	1.169963689	1.154515227
4/13/2014 13:30	2.153429327	0.542882963	0.939799568	0.969512125	1.689801022	0.614973407	1.16428113	1.15283672
4/13/2014 14:00	2.134295113	0.502321353	0.87637928	0.906173906	1.665116559	0.574443121	1.073612465	1.089200428
4/13/2014 14:30	2.149796469	0.542539519	0.942352673	0.96932596	1.686240997	0.615156837	1.164521936	1.147882338
4/13/2014 15:00	2.149638369	0.543222868	0.942598979	0.967068475	1.686433101	0.617741066	1.164547026	1.150240063
4/13/2014 15:30	2.14853383	0.543906217	0.942845286	0.966395043	1.686427236	0.618092692	1.163499102	1.152507241
4/13/2014 16:00	2.145726179	0.544589566	0.943091592	0.964824381	1.683417659	0.618444318	1.165393811	1.15170954
4/13/2014 16:30	2.147470513	0.545272915	0.943337899	0.963933982	1.685067219	0.618795944	1.162818834	1.14594831
4/13/2014 17:00	2.147959873	0.545956264	0.943584205	0.964620627	1.684849569	0.61914757	1.166032678	1.15245868
4/13/2014 17:30	2.149756405	0.546639613	0.943830512	0.966775497	1.683974858	0.619499196	1.168134238	1.152828288
4/13/2014 18:00	2.15030232	0.547322963	0.944076818	0.968250553	1.685440392	0.619850822	1.165626628	1.15094956
4/13/2014 18:30	2.148357885	0.548006312	0.944323125	0.969295003	1.683056802	0.620202448	1.164709845	1.149046966
4/13/2014 19:00	2.150737413	0.548689661	0.944569431	0.96799626	1.684791765	0.620554074	1.166577627	1.148577511
4/13/2014 19:30	2.148873656	0.54937301	0.944815738	0.967335025	1.683659824	0.6209057	1.161016583	1.148958718
4/13/2014 20:00	2.15264925	0.550056359	0.945062044	0.966673791	1.685592782	0.621257326	1.166932519	1.150316311
4/13/2014 20:30	2.152413433	0.550739708	0.945308351	0.966012557	1.686463747	0.621608952	1.16741207	1.151768895

Preliminary Data from Central Monitoring System

	Filter Bank 41-B-856 (in wg*)				Filter Bank 41-B-857 (in wg*)			
Date and Time	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**	**MOD**	**HIGH**	**HEPA 1**	**HEPA 2**
4/13/2014 21:00	2.156045096	0.551423057	0.945554657	0.965351323	1.690590629	0.621960578	1.168627877	1.152751526
4/13/2014 21:30	2.158272925	0.552106406	0.948378863	0.968625142	1.691191176	0.622312204	1.169578367	1.153826804
4/13/2014 22:00	2.161303221	0.552789755	0.95207577	0.971851517	1.693580119	0.62266383	1.172039015	1.156171016
4/13/2014 22:30	2.162256832	0.553473105	0.953194777	0.973301161	1.692967828	0.623015456	1.175182556	1.159248993
4/13/2014 23:00	2.164663739	0.554156454	0.954313785	0.971327886	1.696988711	0.623367082	1.177462301	1.156193733
4/13/2014 23:30	2.165262803	0.554839803	0.955432793	0.968962699	1.695895603	0.623718707	1.173684689	1.157635575
4/14/2014 0:00	2.165641843	0.555523152	0.9565518	0.966597512	1.695981182	0.624070333	1.173525882	1.155888557

*in wg - inches of water gauge

N/M - Not Measurable