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

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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, Room 4050
Santa Fe, NM 87502-5469

Subject: Bi-Weekly Report for the reporting period ending August 24, 2014, as requested per Item 18 of the May 12, 2014, NMED Administrative Order

Dear Mr. Kieling and Mr. Blaine:

The purpose of this letter is to transmit the bi-weekly report for the reporting period ending August 24, 2014, as requested by Item 18 of the May 12, 2014, Administrative Order issued under the authority of the New Mexico Hazardous Waste Act § 74-4-13 from Ryan Flynn to Messrs. Hellstrom, Franco, Cook, and McQuinn. 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,

RC Bryson for
Jose R. Franco, Manager
Carlsbad Field Office

Robert L. McQuinn, Project Manager
Nuclear Waste Partnership LLC

Enclosure

cc: w/enclosure
T. Kliphuis, NMED *ED
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Bi-Weekly Status Report for the New Mexico Environment Department February 27, 2014, and May 12, 2014, Administrative Orders Reporting Period August 11, 2014, through August 24, 2014

Introduction

On February 5, 2014, a vehicle fire occurred in the Waste Isolation Pilot Plant (WIPP) underground, resulting in normal operations and waste shipments from generator sites being temporarily suspended. On February 14, 2014, while the fire investigation was still underway, a Continuous Air Monitor detected airborne radiation in the WIPP underground facility, causing the ventilation exhaust to automatically shift to high efficiency particulate air (HEPA) filtration mode. The ventilation system has been operating in filtration mode since that time. Recent entries into Panel 7 in the underground have confirmed that at least one container from a nitrate salt bearing waste stream from Los Alamos National Laboratory has been breached and is most likely the source of the release. Further investigations are currently ongoing as part of the re-entry process to collect additional information regarding the release. All shipments of waste to the WIPP facility have been suspended.

The New Mexico Environment Department (NMED) has issued two Administrative Orders (AOs) to address certain activities relative to the WIPP Hazardous Waste Facility Permit (Permit) that cannot be performed because the underground is inaccessible for normal activities. The AOs provide requirements for monitoring and reporting to the NMED concerning the status of recovery from the two events. The first administrative order (AO1) was issued on February 27, 2014, and addressed above-ground compliance issues, and required a weekly report to be submitted with regard to surface-related requirements of the Permit. On May 12, 2014, a second administrative order (AO2) was issued to address, in part, Permit-required activities that cannot currently be performed due to the inaccessibility of the underground. AO2 changes the reporting period from weekly to bi-weekly, with additional information required to supplement the information required by AO1. This report serves to fulfill the reporting requirements set forth by both AO1 and AO2. Paragraph 18(a) of AO2 states that informational requirements of both orders may be combined. The following sections combine the information required by both orders, as appropriate, and provide references to the applicable paragraphs from AO1 and AO2.

The Permittees are in the process of developing a WIPP Recovery Plan, which will provide the safe and environmentally sound approach for bringing the WIPP facility back to a fully operational state. In accordance with Paragraph 17(a) of AO2, the Permittees were required to submit a draft *Underground Compliance Plan* (UCP) to the NMED by June 26, 2014. Pertinent elements of the WIPP Recovery Plan will be integrated into the UCP as these elements pertain to the Permit-related requirements addressed by the AOs. The bi-weekly reports will provide a status of recovery-related activities, as outlined in AO1 and AO2, aimed at bringing the WIPP facility into full compliance with the terms and conditions of the Permit. The initial bi-weekly report was submitted to the NMED on June 13, 2014. In accordance with Paragraph 18(a) of AO2, subsequent reports will identify new information since the previous reporting period.

1.0 Status of Permit-related surface and underground inspections for this reporting period, as requested per Paragraph 14(a) of AO1 and Paragraphs 18(c) and 18(e)(iii) of AO2, including the accessibility for personnel performing these Permit-required activities per Paragraph 18(e)(i) of AO2 and the status of recovery activities per Paragraph 18(e)(ii) of AO2:

See Attachment 1, *Surface and Underground Inspections*, for the current status of each Permit-required inspection, including accessibility of underground equipment for personnel performing the inspections. This list is taken from Permit Attachment E, Table E-1. The surface and underground inspections required by Table E-1a related to remote-handled (RH) transuranic (TRU) waste are pre-operational. Because the WIPP facility has not been handling RH TRU waste, and there is no RH TRU waste being stored at the WIPP facility at this time, these pre-operational inspections do not currently apply. Inspections and preventative maintenance (PMs) are not required for equipment that is out of service. Prior to commencing RH TRU waste handling operations, PMs and/or inspections will be brought into a current/compliant status.

As indicated in Attachment 1, underground inspections cannot currently be performed due to the inaccessibility of the underground to personnel responsible for conducting the inspections. In accordance with Paragraph 17(a) of AO2, the Permittees were required to submit the draft UCP to the NMED by June 26, 2014. The order requires that the UCP shall include a detailed compliance schedule for those requirements described in Paragraph 13 of AO2. The compliance schedule includes a proposed timeline, including dates, for achieving underground recovery and attaining compliance with these Permit-required activities. Before these activities can resume, however, certain activities must be performed in order to establish the safety and habitability of the work areas in the underground. The UCP will be updated as information becomes available, and these updates will be provided to the NMED for review and comment prior to being incorporated. Updates to the UCP will be reflected in the bi-weekly reports, as required by Paragraph 18(c) of AO2.

2.0 Status of Permit-related monitoring activities for this reporting period, as requested per Paragraph 14(a) of AO1 and Paragraph 18(c) of AO2, including the accessibility for personnel performing these Permit-required activities per Paragraph 18(e)(i) of AO2 and the status of recovery activities per Paragraph 18(e)(ii) of AO2:

In accordance with Paragraph 17(a) of AO2, the draft UCP to the NMED was submitted to the NMED by June 26, 2014. The Permittees are awaiting NMED comments. Updates to the UCP will be reflected in the bi-weekly reports, as required by Paragraph 18(c) of AO2.

<u>Volatile Organic Compound (VOC) Monitoring</u>

Repository VOC monitoring activities (required by Permit Part 4, Section 4.6.2., including Table 4.6.2.3., and associated requirements in Attachment N) are not currently being performed due to the inaccessibility of the underground to personnel who perform these activities. Additionally, room-based VOC monitoring activities (required by Permit Part 4, Sections 4.4.3. and 4.6.3., Tables 4.4.1. and 4.6.3.2., and associated requirements in Attachment N) cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities.

Surface VOC monitoring is being conducted in lieu of underground monitoring during re-entry and recovery operations. Surface monitoring is being performed to determine its feasibility while the facility is in recovery operations and to assure that the Permit environmental performance standards (i.e., carcinogenic and non-carcinogenic risk due to VOC emissions from the disposed waste) for surface-based non-waste workers are met. 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. In accordance with Paragraph 19 of AO2, the Permittees began monitoring for trichloroethylene as a target analyte on May 12, 2014.

Geomechanical Monitoring

The purpose of geomechanical monitoring is to confirm the structural integrity of the underground repository. Geomechanical monitoring data are currently being transmitted electronically via remote equipment located in Rooms 6 and 7 of Panel 7 in accordance with Permit Part 4, Section 4.6.1., associated requirements in Attachment A2-5b(2), and Attachment E, Table E-2. Geomechanical monitoring activities that require the manual reading of underground equipment cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities. However, visual inspections of the underground areas during recent re-entries have shown that the ground is stable and is in sound condition.

Hydrogen and Methane Monitoring

Hydrogen and methane monitoring activities (required by Permit Part 4, Section 4.6.5. and associated requirements in Attachment N1) cannot currently be performed due to the inaccessibility of the underground to personnel who perform these activities.

Mine Ventilation Rate Monitoring

Mine ventilation rate monitoring activities (required by Permit Part 4, Section 4.6.4. and associated requirements of Attachment O) are currently being performed. However, due to reduced air flow in the underground because of filtration mode, the ventilation rate set forth by the Permit cannot be maintained. Because the ventilation system has been operating in filtration mode since February 14, 2014, with a flow rate of approximately 60,000 standard cubic feet per minute (SCFM), the Permittees will not be able to maintain the minimum running annual average ventilation flow rate of 260,000 SCFM required by Permit Part 4, Section 4.5.3.2. During this reporting period, the calculated running annual average ventilation flow rate was approximately 217,040 SCFM.

3.0 Actions taken with regard to TRU waste shipments that were en-route since February 5, 2014, as requested per Paragraph 14(b) of AO1:

Response was provided in the initial March 17, 2014, weekly submittal to the NMED per AO1.

4.0 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, as requested per Paragraph 14(c) of AO1, and information specifying the deadlines for each individual waste assembly as it relates to AO1, as requested per Paragraph 14(d) of AO1:

All waste is currently being stored in the WHB. Since the submittal of the last bi-weekly report, there has been no additional waste placed in storage in the WHB, and there were no changes to the storage deadlines during this reporting period. Therefore, Attachment 2, *TRU Mixed Waste Currently in Storage at the WIPP Facility*, is currently reserved.

5.0 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, as requested per Paragraph 14(e) of AO1:

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

6.0 Location of any environmental monitoring equipment, including the identification of 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, as requested per Paragraph 14(f) of AO1:

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

- VOC monitoring stations – During this reporting period there are no new VOC monitoring laboratory results that have been validated. Therefore, VOC monitoring results are not included in Attachment 4, *Environmental Monitoring*.

- Meteorological monitoring data are being provided in Attachment 4, *Environmental Monitoring* and on the enclosed compact disc.

- Radiological monitoring – During this reporting period, four surface water samples were collected during the July 22, 2014 rain event. These samples were taken from a WIPP site building roof top and roadway drainage. All results were below minimum detectable concentration. The results are included in Attachment 4, *Environmental Monitoring*.

7.0 The status of surface ventilation fans and timeline of operation since January 1, 2014, as requested per Paragraph 14(g) of AO1 and as specified by Paragraph 22 of AO2:

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

8.0 Exhaust Filter Building HEPA filter differential pressure data beginning February 14, 2014, as requested per Paragraph 14(h) of AO1:

See Attachment 5, *Filter Differential Pressures,* and the Excel spreadsheet provided on the enclosed compact disc. The differential pressure values have been rounded to two decimal places to enhance usability. On August 19, 2014 at 17:00, the Permittees performed loop calibrations on differential pressure transmitters associated with 41-B-856, which resulted in expected elevated readings during the 30 minute interval.

9.0 Updates on activities performed pursuant to the Underground Derived Waste Storage Plan, including a description of any surface and underground derived waste produced, whether the derived waste is mixed or non-mixed, the contents, container type, container location, total container count, and approximate volume of derived waste per container, as requested per Paragraph 14(i) of AO1 and Paragraph 18(d) of AO2:

In accordance with Paragraph 17(b) of AO2, the draft *Underground Derived Waste Storage Plan* was submitted to the NMED by June 26, 2014 for review and comment. Furthermore, the NMED will review and provide comments on any revisions to the *Underground Derived Waste Storage Plan.* However, during this reporting period, no additional derived waste was generated. As recovery efforts progress, any derived waste produced will be reported in Attachment 6, *Surface and Underground Derived Waste Currently in Storage at the WIPP Facility*, which is currently reserved.

10.0 The current status of activities required by the RCRA Contingency Plan, Permit Attachment D, including identification of applicable sections of the Contingency Plan, the schedule for actions required under the Contingency Plan, and any deviations from any Contingency Plan requirements, as requested per Paragraph 18(b) of AO2. Non-applicable sections shall also be identified and explanations shall be provided as to why such sections do not apply:

There has been no change in the status of the RCRA Contingency Plan implementation since the submittal of the last bi-weekly report. Accordingly, Attachment 7, *Status of RCRA Contingency Plan Activities*, is currently reserved.

11.0 The bi-weekly report shall include the submission of a list containing all additional requirements placed upon the WIPP by any state or federal agency relating to corrective actions or recovery and as a result of the incidents referenced in Paragraphs 8 and 9 of the May 12, 2014 Administrative Order, including requirements by other segments of DOE, as requested by Paragraph 18(f) of AO2:

During this reporting period, no additional requirements were placed upon the Permittees by any other state or federal agency relating to corrective actions or recovery and as a result of the incidents referenced in Paragraphs 8 and 9 of AO2, including requirements by other segments of the DOE. As additional JONs are identified as a result of the completion of subsequent phases of the AIB radiological release event investigation, they will be provided in Attachment 8, which is currently reserved.

12.0 The Permittees shall provide a paper copy of the Panel 7, Room 7 waste placement layout map or diagram, as required by Permit Section 4.8.2, as required by Paragraph 18(g) of AO2:

Attachment 9, *Waste Placement Layout Map*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There have been no changes to this information since the initial submittal. This attachment is currently reserved.

13.0 The Permittees shall provide the most recent Weekly Map Update that shows waste disposal and mining activities for Panels 7 and 8, as requested per Paragraph 18(h) of AO2:

Attachment 10, *Weekly Map Update*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There have been no changes to this information since the initial submittal. This attachment is currently reserved.

14.0 The Permittees shall provide documentation of the "as found" condition of Panel 7, including relevant photographs of the waste, as requested per Paragraph 18(i) of AO2:

Attachment 11, *As-Found Condition of Panel 7*, was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. On August 15, 2014, a re-entry to Panel 7 Room 7 was conducted to collect additional samples of the materials surrounding the waste drum that is the suspected source of the radiological release. This is in response to a request from the Accident Investigation Board. There have been no changes to information provided in the initial submittal of this report. This attachment is currently reserved.

15.0 The Permittees shall provide documentation of the "as found" condition of Panel 6 partial closure system, including relevant photographs, as requested per Paragraph 18(j) of AO2:

Response was provided in the initial bi-weekly report submitted to the NMED on June 13, 2014. There were no re-entries to Panel 6 during this reporting period. Therefore, there have been no changes to information provided in the initial submittal of this report.

16.0 The Permittees shall provide a status of recovery-related activities relative to the underground per Paragraph 18(e)(ii) of AO2 and a summary of recovery-related work performed in Panel 7, including relevant photographs, as requested per Paragraph 18(k) of AO2:

On August 15, 2014, a re-entry to Panel 7 Room 7 was conducted to collect additional samples of the materials surrounding the waste drum that is the suspected source of the radiological release. This is in response to a request from the Accident Investigation Board. As the Permittees continue to conduct recovery activities, additional descriptions will be provided in subsequent reports. Attachment 12, *Panel 7 Recovery-Related Work*, provides a map of the current status of the WIPP underground decontamination areas during this reporting period.

17.0 The Permittees shall provide the status and description of the Waste Handling Building Unit ("WHB") and the Waste Shaft soot clean-up activities, as requested per Paragraph 18(l) of AO2:

Soot clean-up activities are complete. There is no new information to report since the bi-weekly report submitted on August 8, 2014.

Attachment 1
Surface and Underground Inspections

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	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	Current	8/23/14	N/A	Inspection performed daily before Hoist is declared in service.
Exhaust Shaft	Underground Operations	Quarterly	PM041099 Inspecting for Deterioration and Leaks/Spills	Not Current	12/31/13 (Due 3/31/14)	TBD	Shaft is not accessible due to the fire and radiological events, and inspections cannot be performed.
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	Current	8/23/14	N/A	Inspection performed daily before Hoist is declared in service.
Self-Rescuers	Underground Operations	Quarterly	WP 04-AU1026 Inspecting for Deterioration and Functionality in accordance with MSHA requirements	Current	6/27/14	N/A	
Underground Openings—Roof Bolts and Travelways	Underground Operations	Weekly	WP 04-AU1007 Inspecting for Deterioration	Not Current	1/29/14	1/31/16	Underground is not accessible due to the fire and radiological events, and inspections cannot be performed. Note that partial underground openings inspections are being performed by re-entry teams, but not the full weekly underground openings inspection.
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	Current	2/5/14	8/31/14	Hoist is not accessible due to the fire and radiological events, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Explosion-Isolation Walls	Underground Operations	Quarterly	Integrity and Deterioration of Accessible Areas	Not Current	2/3/14 (Panel 1 and Panel 2) 11/4/13 (Panel 5)	1/31/16	Structures are not accessible due to the fire and radiological events, and inspections cannot be performed.
Bulkhead in Filled Panels	Underground Operations	Monthly	Integrity and Deterioration of Accessible Areas	Not Current	N/A	1/31/16	Area is not accessible due to the fire and radiological events, and inspections cannot be performed. Inspection records are located in the underground and are, therefore, not accessible.
MSHA Air Quality Monitor	Maintenance/ Underground Operations	Daily	WP 12-IH1828 Inspecting for Air Quality Monitoring Equipment Functional Check	Current	8/23/14	N/A	Inspection performed prior to underground entry.
Ambulances (Surface) and related emergency supplies and equipment	Emergency Services	Weekly	12-FP0030 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Current	8/24/14	N/A	
Ambulances (Underground) and related emergency supplies and equipment	Emergency Services	Weekly	12-FP0030 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Detection and Alarm System (Underground)	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	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Extinguishers (Surface)	Emergency Services	Monthly	12-FP0036 Inspecting for Deterioration, Leaks/Spills, Expiration, seals, fullness, and pressure	Current	7/31/14 (Due 8/31/14)	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Fire Extinguishers (Underground)	Emergency Services	Monthly	12-FP0036 Inspecting for Deterioration, Leaks/Spills, Expiration, seals, fullness, and pressure	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Fire Hoses	Emergency Services	Annually (minimum)	12-FP0031 Inspecting for Deterioration and Leaks/Spills	Current	3/26/14	N/A	
Fire Hydrants	Emergency Services	Semi-annual/ annually	12-FP0034 Inspecting for Deterioration and Leaks/Spills	Current	11/23/13 (Annual) 3/28/14 (Semi-annual)	N/A	
Fire Pumps	Emergency Services	Weekly/annually	WP 12-FP0026 Inspecting for Deterioration, Leaks/Spills, valves, and panel lights	Current	8/18/14	N/A	
Fire Sprinkler Systems	Emergency Services	Monthly/quarterly	WP 12-FP0025 Inspecting for Deterioration, Leaks/Spills, static pressures, and removable strainers	Current	8/18/14, 8/19/14, 8/20/14, 8/21/14	N/A	A series of building fire sprinkler systems are inspected on a weekly basis so that a complete system inspection is accomplished on a monthly basis.
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	Current	8/22/14	N/A	
Fire and Emergency Response Trucks (Underground Rescue Truck)	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Hazardous Material Response Equipment	Emergency Services	Weekly	12-FP0033 Inspecting for Mechanical Operability, Deterioration, and Required Equipment	Current	8/19/14	N/A	
Miners First Aid Station	Emergency Services	Quarterly	12-FP0035 Inspecting for Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
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	Current	8/23/14	N/A	
Rescue Truck (Surface)	Emergency Services	Weekly	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Current	8/21/14	N/A	
Rescue Truck (Underground)	Emergency Services	Weekly	12-FP0030 and 12-FP0033 Inspecting for Mechanical Operability, Deterioration, Leaks/Spills, and Required Equipment	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Vehicle Siren (Surface Vehicles)	Emergency Services	Weekly	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	Current	8/21/14, 8/22/14, 8/24/14	N/A	
Vehicle Siren (Underground Vehicles)	Emergency Services	Weekly	Functional Test included with inspection of the Ambulances, Fire Trucks, and Rescue Trucks	Not Current	2/8/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Adjustable Center of Gravity Lift Fixture	Waste Handling	Preoperational	WP 05-WH1410 Inspecting for Mechanical Operability and Deterioration	Current	7/30/14 (41-T-037) 8/23/14 (41-T-038)	N/A	There are four ACGLFs, but the pre-operational inspection was only performed on the one fixture listed. The other ACGLFs will be inspected prior to use.
Contact-Handled (CH) TRU Underground Transporter	Waste Handling	Preoperational	WP 05-WH1603 Inspecting for Mechanical Operability, Deterioration, and area around transporter clear of obstacles	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Conveyance Loading Car	Waste Handling	Preoperational	WP 05-1406 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles and guards in the proper place	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Facility Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1204 Inspecting for Mechanical Operability, Deterioration, path clear of obstacles, and guards in the proper place	Current	8/20/14 (41-H-020A)	N/A	There are two transfer vehicles, but the pre-operational inspection was only performed on the one fixture listed. The other fixtures will be inspected prior to use.
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment) on Surface	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	Current	8/23/14 (41-H-009) 8/23/14 (41-H-013) (41-H-051) 8/9/14 (41-T-051) 8/24/14 (41-H-012D) (41-H-012E)	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Forklifts Used for Waste Handling (Electric and Diesel forklifts, Push-Pull Attachment) in Underground	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	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
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	Current	8/20/14 (Weekly) 8/24/14 (Daily)	N/A	
TRU Mixed Waste Decontamination Equipment	Waste Handling	Annually	WP 05-WH1101 Inspecting for Required Equipment	Current	12/31/13	N/A	
Underground TRU Mixed Waste Disposal Area	Waste Handling	Preoperational	WP 05-WH1810 Inspecting for Deterioration, Leaks/Spills, mine pager phones, equipment, unobstructed access, signs, debris, and ventilation	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
TDOP Upender	Waste Handling	Preoperational	WP 05-WH1010 Inspecting for Mechanical Operability and Deterioration	Current	10/9/13	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Waste Handling Cranes	Waste Handling	Preoperational	WP 05-WH1407 Inspecting for Mechanical Operability, Deterioration, and Leaks/Spills	Current	8/23/14 (41-T-151D)	N/A	There are four cranes, but the pre-operational inspection was only performed on the one crane listed. The other cranes will be inspected prior to use.
Push-Pull Attachment (Surface)	Waste Handling	Preoperational	WP 05-WH1401 Inspecting for Damage and Deterioration	Current	7/30/14 (41-T-160A)	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Push-Pull Attachment (Underground)	Waste Handling	Preoperational	WP 05-WH1401 Inspecting for Damage and Deterioration	Current	2/5/14	When waste disposal operations resume	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.
Trailer Jockey	Waste Handling	Preoperational	WP 05-WH1405 Inspecting for Mechanical Operability and Deterioration	Current	8/24/14 (41-H-151B) 8/20/14 (41-H-151A)	N/A	There are three Trailer Jockeys, but the pre-operational inspection was only performed on the one listed. The other Trailer Jockeys will be inspected prior to use.
Bolting Robot	Waste Handling	Preoperational	WP 05-WH1203 Mechanical Operability	Current	6/29/12	When waste disposal operations resume	Equipment is currently out of service.
Yard Transfer Vehicle	Waste Handling	Preoperational	WP 05-WH1205 Mechanical Operability, clear of obstacles and Guards in proper place	Current	7/29/14 (41-H-021A) 8/20/14 (41-H-021B)	N/A	There are two yard transfer vehicles (YTVs), but the pre-operational inspection was only performed on the one YTV listed. The other YTV will be inspected prior to use.
Payload Transfer Station	Waste Handling	Preoperational	WP 05-WH1208 Mechanical Operability, Deterioration, and Guards in proper place	Current	8/20/14 (41-Z-041)	N/A	
Monorail Hoist	Waste Handling	Preoperational	WP 05-WH1202 Mechanical Operability, and leaks/spills	Current	8/18/14 (41-H-027)	N/A	
Bolting Station	Waste Handling	Preoperational	WP 05-WH1203 Mechanical Operability, Deterioration, and Guards in proper place	Current	8/20/14 (41-T-053A) (41-T-054A)	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
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.	Current	7/26/14 (#1) 7/27/14 (#2)	N/A	
Central Monitoring System (CMS)	Facility Operations	Continuous	Automatic Self-Checking	Current	8/24/14	N/A	
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	Not Current	1/30/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Public Address (and Intercom System) on Surface	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Current	7/31/14	N/A	
Public Address (and Intercom System) in Underground	Facility Operations	Monthly	WP 04-PC3017 Testing of PA and Underground Alarms and Mine Page Phones at essential locations Systems operated in test mode	Not Current	1/30/14	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed.
Radio Equipment	Facility Operations	Daily	Radios are operated daily and are repaired upon failure	Current	8/24/14	N/A	
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.	Current	8/24/14	N/A	
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.	Current	8/24/14	N/A	

System/Equipment Name	Responsible Organization	Inspection Frequency	Procedure Number and Inspection Criteria	Inspection Status (Current/ Not Current)	Date of Last Inspection	Proposed Start Date (if Not Current or Equipment Not in Use)[1]	Comments
Facility Inspections (Water Diversion Berms)	Facility Engineering	Annually	WP 10-WC3008 Inspecting for Damage, Impediments to water flow, and Deterioration	Current	8/6/14	N/A	
Eye Wash and Shower Equipment (Surface)	Equipment Custodian	Weekly	WP 12-IS1832 Inspecting for Deterioration	Current	8/18/14, 8/20/14, 8/21/14, 8/24/14	N/A	
Eye Wash and Shower Equipment (Underground)	Equipment Custodian	Weekly	WP 12-IS1832 Inspecting for Deterioration	Not Current	N/A	1/31/16	Equipment is not accessible due to the fire and radiological events, and inspections cannot be performed. Inspection records are located in the underground and are, therefore, not accessible.
Perimeter Fence, Gates, Signs	Security	Daily	PF0-010 Inspecting for Deterioration and Posted Warnings	Current	8/24/14	N/A	
Underground— Geomechanical Instrumentation System (GIS)	Geotechnical Engineering	Monthly	WP 07-EU1301 Inspecting for Deterioration	Current	8/19/14	N/A	Complete at accessible areas.
Ventilation Exhaust	Maintenance Operations	Quarterly	IC041098 Check for Deterioration and Calibration of Mine Ventilation Rate Monitoring Equipment	Not Current	41F30703 Fan A (11/9/13) 41F30704 Fan B (5/20/13) 41F30702 Fan C (12/18/13)	1/31/16	Equipment not in use due to the fire and radiological events. The underground is not accessible, and inspections cannot be performed.

[1]Inspection proposed start date of 1/31/16 is an estimate from the WIPP Recovery Plan. Inspections may be initiated prior to 1/31/16 as work zones are released in the underground. Therefore, 1/31/16 is a "placeholder," and proposed start dates may be revised as recovery work progresses.

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

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: 8-11-14 — 8-17-14

Location: 413, EXHAUST FILTER BLDG. UVFS FANS				SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
		DAY																
		SHIFT		2	1	2	1	2	1	2	1	2	1	A	1	B	1	A
		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
35P-PBJ/1 @ Bldg. 365																		
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	TAG	Tag	Tag	Tag	TAG	TAG	TAG	TAG	TAG	TAG	TAG	Tag	TAG	TAG	TAG
35P-PBJ/1 @ Bldg. 365																		
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
35P-PBJ/1 @ Bldg. 365																		
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	69.17 3	64.7 3	65.66 3	65.14 3	64.8 3	64.4 3	64.1 3	63.57 3	64.1 3	64.5 3	63.6 3	64.2 3	62.9 3	64.49 3	63.85 3
413-CP-307-01J																		
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	Tag	TAG	TAG	TAG	TAG	TAG	TAG	TAG	Tag	TAG	TAG	TAG
413-CP-307-01K																		
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	Tag	TAG	TAG	TAG	TAG	TAG	TAG	TAG	Tag	TAG	TAG	TAG
413-CP-307-01H																		
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	Tag	TAG	TAG	TAG	TAG	TAG	TAG	TAG	Tag	TAG	TAG	TAG

COPY

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

COMMENTS: ① Low flow alarm - A.R.# 1404207 ② Alarm 0.0.5.. A.R.# 1307584 ③ CAG notified - EFB HVAC

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Facility Site Operations and Infrastructure Ventilation Fans Round Sheet

DATE: 081314 - 082414

Location:	DAY	SUN	MON		TUES		WED		THURS		FRI		SAT		SUN	
413, EXHAUST FILTER BLDG.	SHIFT	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2
UVFS FANS	REVIEWER															
	FOT	C/O														

Original Signatures on File

ITEM	MIN	NORM	MAX														
413-CP-056-01																	
CONTROL PANEL 860 FANS [A]		SAT [B]		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	
35P-PBJ/1 @ Bldg. 365																	
860A U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	TAG	Tag	Tag	TAG	Tag	TAG	Tag	Tag	TAG	TAG	TAG	TAG	TAG	TAG
35P-PBJ/1 @ Bldg. 365																	
860B U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	SEC	Sec	Sec	SEC	Sec	SEC	Sec	Sec	SEC	SEC	SEC	Sec	SEC	SEC
35P-PBJ/1 @ Bldg. 365																	
860C U/G FILTRATION FAN (KSCFM)	[D]	[C] [D]	[D]	63.85 (3)	63.7 (3)	63.50 (3)	63.9 (3)	63.41 (3)	63.50 (3)	63.44 (3)	62.9 (3)	63.8 (3)	63.72 (3)	63.94 (3)	64.05 (3)	63.39 (3)	63.8 (3)
413-CP-307-01J																	
700A U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	TAG	Tag	TAG	Tag	Tag	TAG	TAG	TAG	Tag	TAG	TAG
413-CP-307-01K																	
700B U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	TAG	Tag	TAG	Tag	Tag	TAG	TAG	TAG	Tag		TAG	TAG
413-CP-307-01H																	
700C U/G VENTILATION FAN (KSCFM)	[D]	[D]	[D]	TAG	Tag	Tag	TAG	Tag	TAG	Tag	Tag	TAG	TAG	TAG	Tag		TAG	TAG

COPY

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) Low flow alarm AR# 1404207 (2) Alarm 005 AR#1307584 (3) Cog notified - EFB HVAC I/S

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

Date: 8·11·14 – 8·17·14

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				①	See Note		.13		.12		.13		.12		.12		.12	
MANIP. REPAIR RM.	PDD-21A "wc							-.16		-.15		-.15		-.15		-.14		-.14	
FILTER GALLERY	PDD-21B "wc							-.12		-.11		-.12		-.11		-.11		-.11	
CASK LOADING RM.	PDD-21C "wc							-.24		-.24		-.25		-.24		-.24		-.24	
CASK TRANSFER CELL	PDD-21D "wc							-.47		-.45		-.5		-.48		-.49		-.49	
WASTE HOIST OPER RM	PDD-21G "wc							-.01		-.02		-.06		-.05		-.05		-.06	
SERVICE ROOM	PDD-21H "wc	-0.00		-0.15				-.13		-.01		-.01		-.01		-.01		-.01	
RH BAY	PDD-21F "wc	0.02		0.7				.03		.05		.07		.03		.08		.04	
HOT CELL	PDT-52 "wc	-0.04		-1.1				-.50		-.48		[illegible]		-.58		-.59		-.56	
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: ① Elect. outage I/P for maint.

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

Date: 081814-082414

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			[illegible]													
411, WHB MECH EQUIP RM 200 & 208			FOT		C/O	[illegible]													
ITEM		MIN	NORM	MAX															
RH ROOM DPs																			
OPERATING GALLERY	PDD-01	"wc			.12	.12		.13		.11		0		0		.12		.12	
MANIP. REPAIR RM.	PDD-21A	"wc			.14	.15		.15		.15		-.03		-.12		.14		.15	
FILTER GALLERY	PDD-21B	"wc			.11	.11		.12		.11		0		-.14		.12		.12	
CASK LOADING RM.	PDD-21C	"wc			.24	.24		.25		.24		-.24		.24		.24		.24	
CASK TRANSFER CELL	PDD-21D	"wc			.49	.45		.48		.47		-.39		-.48		.47		.47	
WASTE HOIST OPER RM	PDD-21G	"wc			.06	.04		.12		.05		.04		.04		.06		.04	
SERVICE ROOM	PDD-21H	"wc	-0.00	-0.15	.01	.01		.01		-.01		-.01		.01		.01		.01	
RH BAY	PDD-21F	"wc	0.02	0.7	.04	.04		.03		.04		-.4		.03		.04		.04	
HOT CELL	PDT-52	"wc	-0.04	-1.1	.56	.48		.68		.50		-.42		-.38		.50		.51	
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]		✓	✓		✓		✓		✓		✓		✓		✓	

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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: 8-11-14 - 8-17-14

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				(2)	-.14		-.08		-.13		-.12		-.13		-.12		-.13	
CH AREA ROOM 103 PDD-026B "wc	-0.02				-.11		-.11		-.11		-.11		-.11		-.10		-.11	
SITE GEN WASTE RM. PDD-026C "wc					-.03		-.06		-.04		-.04		-.05		-.03		-.03	
EQUIP DECON RM. PDD-026D "wc					-.14		-.24		-.24		-.15		-.05		-.14		-.15	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04				-.15		-.13		-.14		-.14		-.11		-.13		-.13	
CAGE LOADING ROOM PDD-006 "wc					.02		.07		.07		.11		.09		.11		.12	
AIRLOCK ROOM 107 PDD-007 "wc					-.06		-.09		-.10		-.09		-.08		-.08		-.09	
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	118	118	120	119	119	119	120	120	120	118	120	120	119	121	120
K-015 AQUADEX INDICATOR		BLUE [A]		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		✓		✓		✓		✓		✓		✓		✓		✓
K-015 DRYER MODE		AMLOC [A]		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	(3)

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

COMMENTS: (1) 8/11/14 ~~Pink~~ Still pink - AR#1405709 (2) Elec. outage T/P for maint. (3) Low Pressure Alarm Left Chamber - unit By-passed

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March 22, 2013
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Facility Site Operations and Infrastructure WHB CH Room D/P / HVAC / Air Dryer Round Sheet

Date: 081814-082414

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				-.13	-.12		-.13		-.14		-.11		-.13		-.12		-.13	
CH AREA ROOM 103 PDD-026B "wc	-0.02			-.11	-.10		-.11		-.11		-.10		-.11		-.10		-.11	
SITE GEN WASTE RM. PDD-026C "wc				-.03	-.02		-.03		-.04		-.10		-.03		-.02		-.02	
EQUIP DECON RM. PDD-026D "wc				-.15	-.15		-.15		-.15		-.17		-.15		-.14		-.15	
OVERPACK & REPAIR RM PDD-026E "wc	-0.04			-.13	-.14		-.14		-.14		-.16		-.14		-.13		-.14	
CAGE LOADING ROOM PDD-006 "wc				.12	.10		.10		.10		.11		.10		.03		.09	
AIRLOCK ROOM 107 PDD-007 "wc				-.09	-.09		-.08		-.08		-.07		-.08		-.07		-.08	
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	120	119	119	119	120	119	120	120	120	120	120	120	120	120	120
K-015 AQUADEX INDICATOR		BLUE [A]		1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
K-015 AUTO BLOWDOWNS /TEST		SAT [A]		✓		✓		✓		✓		✓		✓		✓		✓
K-015 DRYER MODE		AMLOC [A]		2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

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

COMMENTS: 1 Pink - AR# 1405209 2 Low Pressure Alarm Left Chamber. Unit by-passed

APPROVED FOR USE/DATE: Original Signature on File

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Attachment 4
Environmental 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 Validated Metdata 8/11/14 - 8/24/14

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
8/11/2014 0:00	73790	15	223	1.666	64.98	8.01	3.776	68.7	2.201	5.581	82.6	2.386	23.34	24.94	26.4	1.607	3.062	54.94	13.79	0.973	893	0
8/11/2014 0:15	73791	15	223	1.742	70.62	8.25	3.838	72.4	2.603	5.55	85.2	1.265	23.17	24.68	26.44	1.504	3.267	55.34	13.75	1.082	893	0
8/11/2014 0:30	73792	15	223	1.905	74.56	9.21	3.907	73.66	3.955	6.025	83.8	1.52	23.19	24.1	26.32	0.912	3.131	54.85	13.63	1.037	893	0
8/11/2014 0:45	73793	15	223	1.633	68.83	9.14	3.623	72.82	3.397	5.957	86.7	1.982	22.96	24.08	26.31	1.122	3.358	54.88	13.42	1.075	893	0
8/11/2014 1:00	73794	15	223	1.386	64.91	7.718	3.551	74.12	1.95	5.45	89	2.246	22.4	24.7	26.38	2.295	3.974	56.44	13.34	0.941	893	0
8/11/2014 1:15	73795	15	223	1.403	67.09	8.52	3.503	74.03	2.772	5.186	85.2	4.14	22.48	24.44	26.18	1.958	3.701	56.42	13.4	0.939	893	0
8/11/2014 1:30	73796	15	223	0.907	67.04	7.574	2.941	76.94	2.938	4.13	98.4	4.206	22.11	24.16	26.35	2.048	4.237	56.99	13.21	0.782	893	0
8/11/2014 1:45	73797	15	223	1.107	67.32	10.9	3.119	77.75	3.006	4.761	93.8	5.559	22.19	23.92	25.85	1.733	3.66	57.16	13.33	0.895	893	0
8/11/2014 2:00	73798	15	223	1.104	38.26	15.54	2.672	56.13	14.1	4.715	90.3	4.421	21.86	23.14	25.43	1.286	3.57	56.91	12.95	1.047	893	0
8/11/2014 2:15	73799	15	223	1.064	33.58	11.28	2.82	35.68	7.433	4.323	79.43	2.144	21.62	22.83	25.07	1.211	3.447	58.74	13.22	0.908	893	0
8/11/2014 2:30	73800	15	223	2.838	343.7	25.4	4.656	343.1	27.23	6.942	350.2	50.03	22.6	22.72	23.41	0.122	0.817	58.4	14.04	1.337	893	0
8/11/2014 2:45	73801	15	223	4.208	347.3	16.54	6.428	344.5	10.72	8.9	341.5	7.157	22.72	22.59	22.21	-0.128	-0.515	62.54	15.22	1.469	893	0
8/11/2014 3:00	73802	15	223	3.883	0.401	18.69	5.981	356.7	15.84	8.27	354.2	12.47	22.81	22.69	22.33	-0.121	-0.482	64.47	15.78	1.392	893	0
8/11/2014 3:15	73803	15	223	4.034	20.53	18.57	6.475	18.64	13.13	9.32	18.66	11.89	23.16	23.06	22.73	-0.106	-0.436	63.7	15.92	1.497	893	0
8/11/2014 3:30	73804	15	223	5.85	44.68	13.68	9.06	39.86	7.453	11.71	37.01	4.544	22.78	22.64	22.2	-0.142	-0.579	62.38	15.23	1.744	893	0
8/11/2014 3:45	73805	15	223	5.864	44.22	14.36	9.26	40.33	8.15	11.64	36.48	4.845	22.26	22.1	21.67	-0.159	-0.595	63.96	15.14	1.842	894	0
8/11/2014 4:00	73806	15	223	5.367	48.4	14.39	8.3	43.6	8.21	10.68	39.82	5.37	21.88	21.72	21.28	-0.167	-0.605	66.02	15.27	1.693	894	0
8/11/2014 4:15	73807	15	223	5.281	47.76	13.5	8.13	42.44	7.689	10.72	40.75	5.896	21.15	20.96	20.49	-0.192	-0.662	71.12	15.72	1.617	894	0
8/11/2014 4:30	73808	15	223	5.009	50.61	14.53	7.759	46.39	8.91	10.97	43.73	5.54	20.82	20.61	20.22	-0.211	-0.604	74.7	16.18	1.507	894	0
8/11/2014 4:45	73809	15	223	3.925	49.53	17.46	6.088	43.47	11.75	8.98	41.14	7.689	20.14	20.15	19.76	0.003	-0.386	79.11	16.41	1.758	894	0
8/11/2014 5:00	73810	15	223	3.46	34.13	14.7	5.663	31.85	7.979	8.81	30.77	5.02	19.63	19.87	19.6	0.24	-0.029	84.7	16.99	1.531	894	0.254
8/11/2014 5:15	73811	15	223	4.199	46.31	12.03	6.313	41.39	7.434	9.19	36.67	4.052	19.9	20.06	19.98	0.16	0.084	81.8	16.71	2.293	894	0
8/11/2014 5:30	73812	15	223	3.745	47.6	12.92	5.88	43.21	7.877	8.85	39.2	4.41	19.91	20.05	19.98	0.146	0.077	78.79	16.13	8.32	894	0
8/11/2014 5:45	73813	15	223	3.563	49.85	13.62	5.6	44.77	7.501	8.44	41.26	4.612	19.9	19.99	19.84	0.09	-0.056	77.92	15.95	26.73	894	0
8/11/2014 6:00	73814	15	223	4.039	53.6	12.42	6.094	48.59	6.576	8.69	45.43	3.823	19.98	20.01	19.83	0.028	-0.15	77.26	15.9	44.67	894	0
8/11/2014 6:15	73815	15	223	3.208	54.69	13.54	5.013	50.52	7.703	7.531	48.81	4.546	20.15	20.15	19.96	-0.001	-0.194	76.31	15.87	49.96	894	0
8/11/2014 6:30	73816	15	223	3.281	59.59	12.57	4.991	54.84	7.66	7.445	53.14	5.314	20.69	20.62	20.44	-0.067	-0.244	73.59	15.82	87.5	894	0
8/11/2014 6:45	73817	15	223	3.683	64.35	11.54	5.419	59.76	6.694	7.733	58.11	4.231	21.61	21.44	21.14	-0.174	-0.476	69.08	15.71	139.6	894	0
8/11/2014 7:00	73818	15	223	4.077	66.54	12.99	5.837	62.15	7.782	8.03	60.71	4.846	22.52	22.26	21.78	-0.256	-0.735	64.89	15.6	209.7	894	0
8/11/2014 7:15	73819	15	223	3.092	144.5	61.43	4.381	132.9	60.56	5.558	123.4	56.01	22.79	22.51	22	-0.277	-0.788	63.42	15.49	157	895	0
8/11/2014 7:30	73820	15	223	4.85	135.7	36.76	7.459	129.8	33.58	8.99	124.4	34.33	21.81	22.32	22.23	0.517	0.419	68.17	15.66	62	895	3.81
8/11/2014 7:45	73821	15	223	3.783	51.75	48.85	5.349	46.32	47.41	5.629	56.94	53.55	20.1	19.89	21.21	-0.213	1.105	78.63	16.28	88	895	11.94
8/11/2014 8:00	73822	15	223	1.506	52.03	74.12	2.332	48.69	72.34	4.325	53.52	19.07	20	20.07	20.43	0.073	0.425	83	17.03	192	895	1.27
8/11/2014 8:15	73823	15	223	1.455	18.76	40.61	2.157	19.23	35.09	4.328	40.66	12.11	20.84	20.92	21.47	0.076	0.626	85.2	18.28	275.8	895	0
8/11/2014 8:30	73824	15	223	2.111	30.74	14.48	3.506	28.91	7.758	5.111	36.12	8.78	22.19	22.5	22.66	0.316	0.473	81.6	18.89	375.4	895	0
8/11/2014 8:45	73825	15	223	1.953	30.93	16.39	2.998	29.64	11.46	4.161	33.61	10.1	23.85	23.76	23.47	-0.093	-0.381	74.16	18.97	778.7	895	0
8/11/2014 9:00	73826	15	223	2.48	39.49	19.35	3.693	35.39	15.79	4.588	34.37	14	25.21	24.89	24.37	-0.318	-0.842	63.25	17.74	738.6	895	0
8/11/2014 9:15	73827	15	223	2.515	50.17	24.14	3.755	46.21	20.55	4.392	44.59	17.45	26.02	25.53	24.98	-0.489	-1.035	57.8	17.07	684.1	895	0
8/11/2014 9:30	73828	15	223	3.122	83.6	20.78	4.248	75.79	16.9	5.017	70.52	13.78	26.73	26.22	25.66	-0.512	-1.07	53.56	16.54	663.1	895	0
8/11/2014 9:45	73829	15	223	2.286	71.25	30.93	3.11	62.07	25.76	3.772	61.92	23.32	27.09	26.57	25.92	-0.512	-1.164	52.55	16.57	599	895	0
8/11/2014 10:00	73830	15	223	1.671	77.19	40.84	2.191	79.73	34.71	2.583	80.1	35.5	27.53	27.01	26.42	-0.518	-1.115	50.87	16.47	767.6	895	0
8/11/2014 10:15	73831	15	223	1.808	143.8	63.34	2.417	131.9	66.01	2.832	115.7	63.92	27.45	26.86	26.31	-0.595	-1.145	51.36	16.52	611.1	895	0
8/11/2014 10:30	73832	15	223	2.906	306.5	16.96	3.103	299.8	11.61	3.177	295	8.39	26.57	25.95	25.25	-0.618	-1.321	60.21	18.24	614.7	895	0
8/11/2014 10:45	73833	15	223	3.396	301.8	15.01	3.844	298.9	10.61	3.417	296	8.68	27.01	26.4	25.72	-0.612	-1.29	58.5	18.19	462.3	895	0
8/11/2014 11:00	73834	15	223	3.66	302.9	12.36	3.88	301.8	8.55	3.682	299.8	7.455	26.79	26.22	25.69	-0.57	-1.098	57.79	17.8	402.1	895	0
8/11/2014 11:15	73835	15	223	2.944	292.9	16.57	3.761	291.7	12.97	3.666	293.4	9.22	26.83	26.41	25.92	-0.427	-0.915	56.64	17.52	295.4	895	0
8/11/2014 11:30	73836	15	223	2.73	287.6	15.28	3.42	285.2	11.29	3.86	287.7	7.347	27.53	26.81	26.12	-0.721	-1.416	55.64	17.89	852	894	0
8/11/2014 11:45	73837	15	223	3.256	294.2	17.13	3.552	289.7	14.32	3.874	286.1	9.83	28.73	27.63	26.73	-1.105	-2.006	51.83	17.87	1416	894	0
8/11/2014 12:00	73838	15	223	3.509	298.6	15.28	3.737	294	11.34	4.015	289.5	8.48	28.86	27.72	26.96	-1.145	-1.902	50.03	17.43	1232	894	0
8/11/2014 12:15	73839	15	223	3.034	289.7	21.91	3.834	287.5	18.31	3.92	290.1	13.42	29.33	28.08	27.31	-1.247	-2.02	49.13	17.57	1267	894	0
8/11/2014 12:30	73840	15	223	2.484	287.8	32.26	3.139	284.7	25.12	3.484	286.6	17	29.49	28.4	27.83	-1.092	-1.661	47.85	17.29	1273	894	0
8/11/2014 12:45	73841	15	223	2.768	293.3	25.23	3.48	285.8	22.83	3.945	285.5	18.45	29.92	28.92	28.2	-1.006	-1.729	45.74	16.98	1311	893	0
8/11/2014 13:00	73842	15	223	2.191	286.9	26.78	2.631	285.4	24.89	2.996	287.8	17.62	30.15	29.32	28.68	-0.828	-1.464	44.65	16.8	895	893	0
8/11/2014 13:15	73843	15	223	2.27	354.2	36.31	2.985	339.6	31.82	3.298	336.1	30.28	29.24	28.81	28.19	-0.429	-1.055	45.68	16.34	494.9	893	0
8/11/2014 13:30	73844	15	223	5.09	10.67	18.02	7.196	6.618	13.71	8.59	2.742	11.09	28.56	27.61	26.78	-0.949	-1.78	50.15	17.18	906	893	0
8/11/2014 13:45	73845	15	223	5.053	14.06	18.74	7.617	10.09	12.88	8.86	7.178	10.53	27.89	27.24	26.52	-0.654	-1.373	50.32	16.63	445.1	893	0
8/11/2014 14:00	73846	15	223	4.39	15.72	18.19	6.804	11.69	10.14	8.86	8.03	8	26.53	26.49	26.03	-0.042	-0.508	56.31	17.14	300.8	893	0
8/11/2014 14:15	73847	15	223	3.62	7.298	19.48	5.891	5.209	14.03	7.576	3.436	11.92	25.62	25.85	25.58	0.228	-0.036	59.19	17.08	131.5	893	0
8/11/2014 14:30	73848	15	223	3.374	339.3	35.42	4.677	338.9	34.54	5.941	342.3	28.73	24.52	24.65	24.32	0.137	-0.194	63.22	17.04	60.32	893	0.254

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/11/2014 14:45	73849	15	223	3.739	281.6	12.76	5.99	279	8.73	6.282	285.2	7.855	22.26	22.73	23.04	0.464	0.783	79.2	18.5	72.04	893	0.762
8/11/2014 15:00	73850	15	223	3.226	210.5	86.1	4.667	225.1	87.6	4.975	276	91	22.77	23.27	23.36	0.508	0.588	75.14	18.15	32.55	894	0
8/11/2014 15:15	73851	15	223	2.776	231.9	71.98	3.766	225	77.08	3.861	235.5	92	21.8	22.14	22.58	0.338	0.786	78.04	17.81	17.28	894	7.112
8/11/2014 15:30	73852	15	223	3.37	319.5	16.87	4.478	312	13.67	4.944	302.6	7.726	20.79	20.74	21.4	-0.043	0.613	84.4	18.08	24.68	893	0.508
8/11/2014 15:45	73853	15	223	3.527	327.3	11.14	5.522	322.5	7.584	8.28	317	8.15	20.38	20.42	21.06	0.038	0.679	90.2	18.74	37.43	893	0
8/11/2014 16:00	73854	15	223	2.545	339.6	12.17	4.191	334.5	8	6.325	334.2	7.521	20.55	20.81	22.15	0.267	1.599	90.3	18.92	43.41	893	0
8/11/2014 16:15	73855	15	223	2.237	24.39	18.61	3.951	16.96	17.06	5.971	1.686	12.82	20.91	21.23	22.39	0.319	1.483	89.7	19.17	56.04	893	0
8/11/2014 16:30	73856	15	223	2.649	36.81	13.5	4.521	32.69	7.224	7.095	30.32	5.228	21.5	21.87	22.25	0.366	0.751	87.1	19.28	72.85	893	0
8/11/2014 16:45	73857	15	223	4.027	41.88	13.01	6.222	36.77	7.013	8.99	32.44	3.277	21.13	21.4	21.35	0.274	0.225	83.8	18.3	67.12	893	0
8/11/2014 17:00	73858	15	223	3.057	39.94	13.95	4.879	34.54	7.546	7.42	34.18	4.605	20.77	20.98	21.09	0.212	0.32	84.4	18.06	49.03	893	0
8/11/2014 17:15	73859	15	223	3.742	40.54	13.63	5.906	36.82	7.524	7.921	37.42	5.66	20.83	20.96	20.75	0.134	-0.081	85.9	18.4	37.66	893	0.254
8/11/2014 17:30	73860	15	223	3.064	44.58	15.05	4.927	40.96	9.35	7.614	40.89	6.032	21.08	21.27	21.29	0.189	0.207	82.8	18.06	29.51	893	0
8/11/2014 17:45	73861	15	223	2.687	54.36	13.79	4.248	50.16	8.87	6.667	48.29	7.602	21.33	21.6	21.75	0.269	0.416	78.8	17.52	36.63	892	0
8/11/2014 18:00	73862	15	223	3.033	69.93	12.87	4.659	64.9	7.454	7.8	59.95	3.47	21.72	21.98	22.34	0.262	0.626	75.45	17.2	78.2	892	0
8/11/2014 18:15	73863	15	223	3.8	71.73	10.37	5.695	68.1	6.906	8.89	60.12	4.198	21.58	21.84	22.24	0.258	0.653	74.98	16.97	66.55	892	0
8/11/2014 18:30	73864	15	223	3.964	91.2	13.15	6.041	85.3	10.53	9.06	78.14	9.42	21.93	22.22	23.02	0.287	1.088	71.93	16.65	65.94	893	0
8/11/2014 18:45	73865	15	223	3.728	92	10.52	5.655	87	6.532	8.73	81.1	2.603	22.17	22.49	23.81	0.318	1.631	68.55	16.13	40.15	893	0
8/11/2014 19:00	73866	15	223	3.214	92.7	10.66	4.973	87.7	6.322	7.407	81.4	1.621	21.98	22.3	24.25	0.319	2.276	69.65	16.19	7.218	893	0
8/11/2014 19:15	73867	15	223	2.682	80.3	11.11	4.409	77.05	7.374	6.723	76.14	4.175	22	22.39	25.49	0.393	3.498	69.53	16.18	1.213	893	0
8/11/2014 19:30	73868	15	223	2.133	77.26	12.16	4.019	72.27	7.892	5.856	66.06	5.47	22.37	23.12	25.98	0.753	3.609	66.6	15.87	1.035	893	0
8/11/2014 19:45	73869	15	223	2.112	91.8	11.44	3.935	84.7	6.76	5.944	73.96	5.017	22.49	23.17	25.87	0.679	3.374	65.91	15.82	0.942	893	0
8/11/2014 20:00	73870	15	223	1.844	108.5	11.89	3.438	102.4	7.832	5.46	94	6.196	22.54	23.27	25.39	0.728	2.847	64.61	15.56	0.876	893	0
8/11/2014 20:15	73871	15	223	1.593	112	12.04	3.077	108.3	6.315	5.719	105.3	3.282	21.98	22.46	25.7	0.481	3.718	69.37	16.13	1.023	893	0
8/11/2014 20:30	73872	15	223	2.185	79.32	22.79	3.674	78.08	22.56	5.875	85	19.91	22.02	22.33	23.86	0.303	1.841	71.87	16.73	0.901	894	0
8/11/2014 20:45	73873	15	223	2.392	82.2	11.13	3.895	80.2	8.09	7.478	89.1	4.273	22.21	22.5	24.87	0.292	2.662	71.95	16.93	1.146	894	0
8/11/2014 21:00	73874	15	223	2.376	92	11.35	3.844	88.6	7.568	7.895	90.3	1.785	22.95	23.35	25.14	0.406	2.193	65.43	16.14	1.222	894	0
8/11/2014 21:15	73875	15	223	2.193	90.4	11.88	3.614	87.9	7.765	6.976	89.5	3.235	23.02	23.36	23.97	0.341	0.949	65.85	16.31	1.265	894	0
8/11/2014 21:30	73876	15	223	2.105	93.6	11.49	3.489	89.4	7.082	6.398	88.9	3.465	22.84	23.12	23.36	0.278	0.523	69.31	16.94	1.107	894	0
8/11/2014 21:45	73877	15	223	1.789	87.7	13.48	2.942	84.1	9.39	5.114	87.8	6.483	22.49	22.74	22.91	0.254	0.419	73.63	17.56	1.03	894	0
8/11/2014 22:00	73878	15	223	1.715	93.6	11.79	2.838	88	7.784	5.673	84.7	3.695	22.24	22.46	22.85	0.223	0.606	77.22	18.08	0.94	894	0
8/11/2014 22:15	73879	15	223	1.434	86.7	16.62	2.351	85.4	12.16	5.172	89.6	4.557	22.14	22.37	22.9	0.231	0.767	79.6	18.46	0.904	894	0
8/11/2014 22:30	73880	15	223	0.978	48.78	15.06	2.133	45.47	9.45	3.532	66.66	7.466	21.84	22.28	22.74	0.441	0.901	82.3	18.7	0.829	894	0
8/11/2014 22:45	73881	15	223	1.542	114.1	22.08	2.603	102.9	17.35	4.066	99.6	9.87	22.31	22.92	23.18	0.607	0.865	79.53	18.61	0.755	894	0
8/11/2014 23:00	73882	15	223	0.958	138.2	15.26	2.105	127.4	7.135	4.265	111.8	3.84	21.96	22.54	23.04	0.587	1.085	82.2	18.8	0.915	895	0
8/11/2014 23:15	73883	15	223	0.943	122.4	18.47	2.086	115.7	8.62	5.03	105.7	4.974	21.89	22.31	23.31	0.416	1.416	84.1	19.11	0.931	895	0
8/11/2014 23:30	73884	15	223	0.868	159.8	20.99	1.776	140.2	13.21	3.758	100.4	6.891	21.81	22.29	22.68	0.48	0.867	85.4	19.27	0.86	895	0
8/11/2014 23:45	73885	15	223	1.778	104.4	12.88	3.116	104.8	7.305	5.756	100.2	2.74	22.06	22.57	23.2	0.507	1.133	83.4	19.13	1.018	895	0
8/12/2014 0:00	73886	15	224	2.006	92.9	12.94	3.512	93.9	7.832	5.824	96.5	5.289	22.27	22.67	23.33	0.396	1.061	79.46	18.56	1.043	894	0
8/12/2014 0:15	73887	15	224	1.532	87.1	10.22	2.77	85.6	5.398	5.293	87.1	2.252	22.17	22.51	23.13	0.342	0.956	79.9	18.55	1.06	894	0
8/12/2014 0:30	73888	15	224	1.318	110.9	13.45	2.474	104	8.26	5.479	95.2	5.078	22.04	22.39	23.13	0.349	1.09	80.7	18.6	1.144	894	0
8/12/2014 0:45	73889	15	224	1.639	110.9	13.54	2.939	104.6	8.29	5.861	107.5	4.657	22.37	22.74	23.99	0.375	1.626	77.63	18.28	1.03	894	0
8/12/2014 1:00	73890	15	224	1.356	117.1	12.21	2.548	110.9	6.81	5.207	119.4	4.491	22.47	22.82	24	0.346	1.531	76	18.05	0.932	894	0
8/12/2014 1:15	73891	15	224	1.271	131.4	19.46	2.346	122.3	11.2	4.852	116.1	3.181	22.28	22.55	23.38	0.275	1.101	77.57	18.18	0.926	894	0
8/12/2014 1:30	73892	15	224	0.868	222.8	23.81	1.413	209.7	24.24	2.059	172.8	31.96	21.95	22.23	22.16	0.282	0.217	82.1	18.76	0.722	894	0
8/12/2014 1:45	73893	15	224	0.573	218.2	31.13	0.992	208.3	29.93	1.412	164.3	16.75	21.88	22.46	22.39	0.58	0.509	83.3	18.94	0.609	894	0
8/12/2014 2:00	73894	15	224	0.569	37.94	48.29	0.705	63.53	33.29	1.211	98.6	11.46	21.61	22.28	22.33	0.669	0.724	86.1	19.2	0.518	894	0
8/12/2014 2:15	73895	15	224	0.429	324	53.33	0.267	311.4	9.17	1.176	118.4	11.79	21.49	22.05	22.45	0.564	0.963	89	19.61	0.535	894	0
8/12/2014 2:30	73896	15	224	0.506	49.83	8.56	0.518	46.16	49.75	1.791	111.5	12.87	21.44	22.23	22.46	0.794	1.02	89.6	19.67	0.566	894	0
8/12/2014 2:45	73897	15	224	0.849	78.21	14.88	1.754	92.2	12.33	3.217	107.4	5.444	21.5	22.38	22.82	0.887	1.324	89.2	19.65	0.703	894	0
8/12/2014 3:00	73898	15	224	1.009	93.7	11.24	2.231	97.1	4.772	4.005	87.6	4.991	21.55	22.19	22.77	0.643	1.219	84.3	18.8	0.908	894	0
8/12/2014 3:15	73899	15	224	0.799	37.38	20.66	1.74	61.94	13.49	4.031	72.59	3.251	21.22	21.88	22.55	0.66	1.335	85.5	18.71	0.782	894	0
8/12/2014 3:30	73900	15	224	0.799	20.09	7.165	1.885	40.12	5.652	3.649	75.04	6.152	20.65	21.49	22.32	0.845	1.669	87.9	18.59	0.862	894	0
8/12/2014 3:45	73901	15	224	0.831	22.77	11.83	2.322	36.27	5.806	3.795	67.65	5.22	20.15	21.34	22.28	1.193	2.134	90.8	18.62	0.887	894	0
8/12/2014 4:00	73902	15	224	1.103	18.13	17.98	2.532	14.74	14.25	3.386	49.85	7.611	19.94	20.83	21.82	0.893	1.877	92	18.63	0.821	894	0
8/12/2014 4:15	73903	15	224	0.846	51.77	9.65	2.106	48.8	4.72	3.881	73.65	5.173	19.77	21.08	22.6	1.305	2.828	93.6	18.73	0.901	894	0
8/12/2014 4:30	73904	15	224	0.927	57.53	10.6	2.466	65.03	7.975	3.978	87	3.64	19.7	20.79	23.19	1.096	3.491	94.4	18.78	0.861	894	0
8/12/2014 4:45	73905	15	224	1.205	61.8	12.68	2.855	71.68	5.208	3.851	93.8	4.093	19.95	21.19	23.42	1.239	3.467	92	18.63	0.746	894	0
8/12/2014 5:00	73906	15	224	1.182	29.6	9.97	2.635	43.49	7.765	3.665	80	4.084	19.61	20.57	23.37	0.961	3.761	91.8	18.26	0.961	894	0
8/12/2014 5:15	73907	15	224	1.209	52.58	14.01	2.857	53.82	11.01	4.393	77.43	4.76	19.53	20.47	23.45	0.946	3.923	93.1	18.39	1.712	894	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/12/2014 5:30	73908	15	224	1.448	88.5	12.68	3.25	86.7	7.477	5.11	92.1	3.785	19.91	20.92	23.56	1.015	3.652	89.3	18.1	6.37	894	0
8/12/2014 5:45	73909	15	224	1.69	97.8	11.08	3.284	93.9	6.058	5.742	94.5	1.6	20.9	21.58	23.47	0.681	2.575	81.5	17.62	22.2	894	0
8/12/2014 6:00	73910	15	224	1.98	90.8	11.25	3.314	87.6	6.742	6.427	88	3.282	21.54	21.84	22.95	0.3	1.409	77.15	17.39	72.66	895	0
8/12/2014 6:15	73911	15	224	2.931	89.4	11.37	4.35	84.5	6.99	7.026	81.7	3.379	21.84	21.88	22.05	0.042	0.209	76.09	17.45	109.3	895	0
8/12/2014 6:30	73912	15	224	2.897	87.8	12.47	4.327	82.8	7.558	6.711	81.9	4.111	21.99	21.89	21.82	-0.099	-0.172	75.52	17.48	180.5	895	0
8/12/2014 6:45	73913	15	224	3.207	86.7	12.47	4.568	83	8.52	6.431	81.8	6.331	22.31	22.11	21.8	-0.197	-0.502	74.18	17.5	216.6	895	0
8/12/2014 7:00	73914	15	224	3.253	88.4	12.82	4.588	84.7	7.708	6.142	83.8	6.026	22.47	22.23	21.79	-0.243	-0.681	73.46	17.51	212.1	895	0
8/12/2014 7:15	73915	15	224	3.128	93	12.94	4.461	88.1	8.97	5.622	85.7	6.656	22.42	22.24	21.78	-0.181	-0.634	74.29	17.63	185.8	895	0
8/12/2014 7:30	73916	15	224	2.988	93.1	13.6	4.277	90.2	9.09	5.675	88.3	6.942	22.63	22.43	21.95	-0.206	-0.686	74.02	17.78	196.9	895	0
8/12/2014 7:45	73917	15	224	3.152	108.1	14.31	4.5	103	9.38	5.563	98.2	6.696	23.02	22.73	22.23	-0.29	-0.799	71.77	17.67	237.5	895	0
8/12/2014 8:00	73918	15	224	2.844	110.3	13.27	3.909	105	8.9	4.597	101	5.699	23.38	23.07	22.58	-0.312	-0.799	70.08	17.63	250.5	896	0
8/12/2014 8:15	73919	15	224	2.432	94.7	15.9	3.399	92.5	10.55	3.902	91.8	8.67	23.79	23.38	22.85	-0.404	-0.941	68.55	17.67	313.1	895	0
8/12/2014 8:30	73920	15	224	1.936	91.4	20.23	2.564	86.5	14.51	3.203	85.3	9.76	24.39	23.87	23.22	-0.525	-1.168	67.18	17.93	470	895	0
8/12/2014 8:45	73921	15	224	1.592	100.4	39.55	1.971	100.1	33.08	2.343	101.2	22.94	24.96	24.26	23.68	-0.698	-1.272	63.75	17.63	676.9	895	0
8/12/2014 9:00	73922	15	224	1.5	151.4	25.28	1.899	143.1	16.52	2.273	133.8	17.1	25.38	24.81	24.24	-0.571	-1.139	59.25	16.87	591.5	895	0
8/12/2014 9:15	73923	15	224	1.53	117.9	26.33	1.978	121.7	18.61	2.182	131.7	26.32	25.79	25.15	24.6	-0.637	-1.185	57.81	16.86	608.3	895	0
8/12/2014 9:30	73924	15	224	1.277	137.2	57.85	1.651	134.6	42.28	1.968	127.5	23.62	25.81	25.34	24.78	-0.47	-1.03	57.39	16.77	514.3	895	0
8/12/2014 9:45	73925	15	224	0.84	266.7	51.07	0.729	237.9	61.14	0.995	176.7	44.41	25.72	25.6	25.03	-0.127	-0.696	57.11	16.61	473.9	895	0
8/12/2014 10:00	73926	15	224	1.231	199.2	65.99	1.436	186	61.36	1.545	171	51.12	26.77	26.05	25.47	-0.716	-1.301	54.99	16.99	1087	895	0
8/12/2014 10:15	73927	15	224	1.183	278.8	73.96	1.168	258.7	76.89	1.201	184.7	62.87	26.9	26.53	25.96	-0.366	-0.942	53.71	16.74	1140	895	0
8/12/2014 10:30	73928	15	224	1.204	55.23	70.72	1.277	83.4	75.84	1.461	135.2	64.74	27.11	26.62	26.06	-0.494	-1.052	52.4	16.55	1046	895	0
8/12/2014 10:45	73929	15	224	2.01	252.3	49.34	2.523	251.1	40.64	2.859	242.2	29.1	28.03	27.1	26.33	-0.933	-1.701	52.29	17.36	1159	895	0
8/12/2014 11:00	73930	15	224	2.432	228.8	31.17	3.126	221.2	26.5	3.321	220.4	18.92	27.79	26.81	26.17	-0.98	-1.621	52.94	17.33	882	894	0
8/12/2014 11:15	73931	15	224	1.605	243.7	36.19	1.899	237	29.01	1.876	242.5	33.13	28.18	27.15	26.51	-1.028	-1.669	51.16	17.15	1322	894	0
8/12/2014 11:30	73932	15	224	2.033	354.4	56.46	2.757	343.6	53.05	3.235	333.1	36.4	27.77	27.18	26.63	-0.586	-1.138	52.86	17.29	638.3	894	0
8/12/2014 11:45	73933	15	224	2.119	32.01	27.79	3	28.46	23.6	3.24	33.87	24.04	27.15	26.55	26.03	-0.597	-1.116	54.8	17.29	306.1	894	0
8/12/2014 12:00	73934	15	224	2.197	47.76	24.32	3.042	46.73	17.15	3.335	42.97	12.86	27.16	26.4	25.75	-0.756	-1.407	56.72	17.83	580.3	894	0
8/12/2014 12:15	73935	15	224	2.221	42.95	14.41	2.923	36.98	7.747	2.901	26.33	7.292	27.18	26.21	25.73	-0.971	-1.45	57.1	17.96	867	894	0
8/12/2014 12:30	73936	15	224	1.67	16.35	23.89	2.212	17.09	16.57	2.475	13.5	13.67	28.62	27.36	26.44	-1.258	-2.174	51.88	17.77	1366	893	0
8/12/2014 12:45	73937	15	224	1.555	5.947	59.8	1.894	3.019	51.35	2.283	11.77	34.54	28.61	27.57	26.84	-1.039	-1.765	51.03	17.51	1269	893	0
8/12/2014 13:00	73938	15	224	1.357	176.8	60.15	1.455	175.2	64.75	1.493	197.3	57.75	28.84	28.06	27.45	-0.771	-1.381	47.74	16.66	1185	893	0
8/12/2014 13:15	73939	15	224	0.971	269.7	78.85	1.178	348.2	87.7	1.374	257.2	89.8	28.94	28.41	27.9	-0.53	-1.041	48.37	16.96	927	893	0
8/12/2014 13:30	73940	15	224	1.349	177.3	89.2	1.673	170.8	85.9	1.635	138.2	87.1	29.55	28.83	28.21	-0.729	-1.347	46.82	17.01	894	892	0
8/12/2014 13:45	73941	15	224	1.038	203.2	83	1.278	200.9	86	1.722	204	70.43	28.97	28.65	28.15	-0.327	-0.823	46.68	16.44	463.9	892	0
8/12/2014 14:00	73942	15	224	1.24	57	81.5	1.542	25.41	72.79	1.386	62.56	87	29.35	28.96	28.42	-0.387	-0.93	46.82	16.82	435	892	0
8/12/2014 14:15	73943	15	224	1.517	81.6	27.34	1.821	77.67	28.13	1.949	59.3	33.47	29.15	28.81	28.34	-0.337	-0.81	45.85	16.31	339.1	892	0
8/12/2014 14:30	73944	15	224	1.642	9.19	44.45	2.126	0.472	34.75	2.623	350.5	23.17	30.18	29.48	28.85	-0.701	-1.324	43.84	16.53	1043	892	0
8/12/2014 14:45	73945	15	224	2.185	304.6	28.4	2.489	301.2	24.83	2.546	308.6	25.94	30.62	29.96	29.37	-0.655	-1.25	40.98	15.87	1036	891	0
8/12/2014 15:00	73946	15	224	1.491	281.2	40.11	1.834	281.3	27.88	2.189	276.1	17.85	30.77	30.29	29.67	-0.48	-1.095	40.3	15.75	910	891	0
8/12/2014 15:15	73947	15	224	0.931	273.7	68.06	1.161	261.7	58.51	1.626	258.4	33.07	30.08	29.95	29.43	-0.137	-0.658	41.85	15.72	234.9	891	0
8/12/2014 15:30	73948	15	224	1.088	258.9	43.28	1.438	261.9	30.56	1.656	258.8	20.67	30.58	30.09	29.55	-0.485	-1.027	41.02	15.85	882	891	0
8/12/2014 15:45	73949	15	224	2.59	131	67.13	3.399	126.2	66.51	4.468	141.7	62.08	30.93	30.15	29.49	-0.777	-1.439	40.1	15.81	793.1	891	0
8/12/2014 16:00	73950	15	224	5.364	93.4	11.58	7.417	90.5	7.539	9.52	88.8	5.06	28.14	27.56	26.84	-0.584	-1.299	47.3	15.88	257.4	891	0
8/12/2014 16:15	73951	15	224	5.02	105.1	13.05	7.353	100.4	8.25	9.35	98.2	5.142	27.61	27.12	26.53	-0.491	-1.078	50.41	16.4	218.1	891	0
8/12/2014 16:30	73952	15	224	4.244	110.4	15.93	6.135	106	12.09	7.607	103.1	8.62	27.15	26.78	26.25	-0.373	-0.902	53.67	16.96	132.4	891	0
8/12/2014 16:45	73953	15	224	3.222	140.3	22.36	4.615	134.1	21.19	6.087	124.1	16.16	26.51	26.01	25.48	-0.501	-1.029	56.3	17.12	268.1	891	0
8/12/2014 17:00	73954	15	224	2.364	147.7	23.65	3.433	137.5	16.99	3.981	129	12.01	27.72	26.92	26.24	-0.808	-1.487	52.75	17.21	407.9	891	0
8/12/2014 17:15	73955	15	224	3.127	143.7	18.67	4.435	134.5	12.95	5.228	128.3	10.1	27.97	27.21	26.62	-0.763	-1.35	50.43	16.73	352.9	891	0
8/12/2014 17:30	73956	15	224	3.299	127.3	14.39	4.819	120.7	8.59	5.911	113	5.595	28.6	28.11	27.52	-0.495	-1.081	44.93	15.49	282.1	891	0
8/12/2014 17:45	73957	15	224	3.628	124.9	13.87	5.456	120.7	8.91	6.788	118.4	5.688	28.23	28.11	27.65	-0.119	-0.581	46.66	15.75	110.5	891	0
8/12/2014 18:00	73958	15	224	3.539	129.7	12.8	5.478	124.4	6.669	7.019	120.4	3.853	27.74	27.8	27.5	0.063	-0.24	49.98	16.38	50.49	891	0
8/12/2014 18:15	73959	15	224	2.961	125.7	12.56	4.644	121.7	7.153	6.552	119	4.44	27.46	27.57	27.34	0.114	-0.118	51.71	16.66	47.43	891	0
8/12/2014 18:30	73960	15	224	2.937	128.7	11.68	4.522	123	6.788	6.398	120.3	4.09	27.2	27.35	27.17	0.145	-0.031	53.26	16.89	42.27	891	0
8/12/2014 18:45	73961	15	224	2.108	124.5	11.32	3.518	118.5	6.574	5.56	117.1	3.105	26.61	26.96	26.99	0.349	0.376	56.35	17.23	10.91	891	0
8/12/2014 19:00	73962	15	224	1.495	135	11.75	2.854	128.1	6.253	4.972	122.1	3.72	25.95	26.59	26.82	0.643	0.876	59.38	17.44	2.081	891	0
8/12/2014 19:15	73963	15	224	1.075	115.6	11.88	2.499	117.4	5.842	4.854	119.9	2.728	25.1	26.18	26.85	1.079	1.751	64.27	17.89	0.817	891	0
8/12/2014 19:30	73964	15	224	1.142	110.1	8.91	2.901	109.7	3.215	5.13	117.6	1.948	24.59	25.93	26.82	1.338	2.224	67.95	18.3	0.82	891	0
8/12/2014 19:45	73965	15	224	1.417	112.6	12.3	2.993	107.9	6.093	5.665	116.9	5.232	24.57	25.54	26.76	0.964	2.191	68.5	18.41	1.01	892	0
8/12/2014 20:00	73966	15	224	1.317	118.3	8.67	2.916	115.6	3.485	5.771	125.4	3.419	24.27	25.34	26.73	1.067	2.46	71.07	18.71	1.134	892	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/12/2014 20:15	73967	15	224	1.65	107.1	9.43	3.463	109.4	4.553	5.847	126.9	2.948	24.13	25.14	26.72	1.012	2.589	72.53	18.9	0.973	892	0
8/12/2014 20:30	73968	15	224	1.669	111	10.24	3.457	111.5	3.882	6.121	127	1.844	24.22	25.05	26.92	0.83	2.698	71.07	18.66	1.076	892	0
8/12/2014 20:45	73969	15	224	1.724	113.6	10.88	3.461	111.6	4.323	6.561	126	1.649	24.28	24.99	26.84	0.713	2.56	69.88	18.45	1.211	892	0
8/12/2014 21:00	73970	15	224	1.675	119.4	11.29	3.203	116	5.195	6.331	126.5	1.52	24.37	24.96	26.49	0.589	2.126	68.98	18.33	1.188	893	0
8/12/2014 21:15	73971	15	224	1.572	118.3	12	3.087	116.9	6.038	6.18	129.7	1.603	24.66	25.11	26.48	0.458	1.828	67.18	18.18	1.069	893	0
8/12/2014 21:30	73972	15	224	1.454	119.8	9.59	3.074	119.3	4.504	6.144	133.9	2.068	24.47	25.2	26.56	0.733	2.099	67.45	18.06	1.16	893	0
8/12/2014 21:45	73973	15	224	2.924	132.1	15.24	4.935	129.7	9.9	8.08	135.2	5.078	24.67	25.18	25.95	0.513	1.285	65.51	17.77	1.289	893	0
8/12/2014 22:00	73974	15	224	3.177	152.1	12.34	5.091	146.9	7.986	7.795	147.3	4.147	25.16	25.41	25.46	0.254	0.3	59.8	16.81	1.345	893	0
8/12/2014 22:15	73975	15	224	4.028	148.6	13.42	6.267	142.1	8.39	8.61	141.3	6.063	24.97	25.16	24.98	0.19	0.016	58.49	16.28	1.434	893	0
8/12/2014 22:30	73976	15	224	3.462	144.6	13.84	5.468	138.4	8.35	7.645	135.8	5.666	24.27	24.46	24.3	0.191	0.029	61.03	16.29	1.348	893	0
8/12/2014 22:45	73977	15	224	3.209	141.6	12	5.048	135.5	6.935	7.243	134.8	4.507	23.6	23.75	23.64	0.151	0.038	65.31	16.73	1.288	893	0
8/12/2014 23:00	73978	15	224	3.129	134.4	12.18	4.794	130.1	7.915	7.123	130	5.423	23.21	23.38	23.28	0.168	0.064	67.7	16.93	1.303	893	0
8/12/2014 23:15	73979	15	224	3.018	143	14.54	4.706	136.7	9.59	7.179	135.1	6.836	22.89	23.05	22.98	0.154	0.086	69.89	17.12	1.367	893	0
8/12/2014 23:30	73980	15	224	2.696	125	14.37	4.17	121.1	9.71	6.341	124.2	6.422	22.69	22.81	22.7	0.124	0.017	71.14	17.21	0.991	892	0
8/12/2014 23:45	73981	15	224	2.275	124.6	13.13	3.644	119.5	7.71	6	123.3	4.764	22.39	22.58	22.58	0.187	0.192	72.79	17.28	1.022	892	0
8/13/2014 0:00	73982	15	225	1.937	139.9	13.89	3.247	131.7	8.16	5.651	133.4	6.812	22.12	22.44	22.78	0.318	0.654	74.07	17.3	1.114	892	0
8/13/2014 0:15	73983	15	225	2.044	132.7	12.39	3.51	125.9	7.151	6.041	131.2	5.454	22.01	22.34	22.81	0.325	0.795	74.27	17.24	1.048	892	0
8/13/2014 0:30	73984	15	225	2.135	120.7	18.05	3.706	117	9.99	6.173	127.8	7.497	21.82	22.24	23.05	0.415	1.233	75.42	17.3	1.109	892	0
8/13/2014 0:45	73985	15	225	1.986	123.4	15.95	3.582	119.5	8.7	6.143	129.1	5.894	21.86	22.3	23.22	0.443	1.363	74.7	17.18	1.148	892	0
8/13/2014 1:00	73986	15	225	1.773	109.2	13.87	3.3	106.9	7.436	5.724	119.6	4.438	21.64	22.03	22.99	0.393	1.357	75.66	17.17	0.97	892	0
8/13/2014 1:15	73987	15	225	1.864	117.9	12.27	3.366	113.7	6.536	5.82	121.1	5.698	21.64	22.12	23.2	0.488	1.561	75.79	17.2	1.136	892	0
8/13/2014 1:30	73988	15	225	1.752	121.5	12.92	3.156	116.7	7.665	5.893	123.4	10.2	21.45	21.92	22.96	0.466	1.508	76.5	17.16	0.979	892	0
8/13/2014 1:45	73989	15	225	1.817	103.4	12.24	3.131	101.9	7.433	5.98	108.6	6.688	21.21	21.52	22.25	0.307	1.039	77.87	17.21	0.916	892	0
8/13/2014 2:00	73990	15	225	1.707	103.6	12.65	3.041	100.9	6.876	6.385	116.4	5.014	20.97	21.27	22.92	0.303	1.954	79.98	17.4	1.194	892	0
8/13/2014 2:15	73991	15	225	1.341	103.7	16.26	2.601	104.6	8.83	5.759	122.5	5.831	21.01	21.38	23.03	0.372	2.02	79.5	17.35	1.03	892	0
8/13/2014 2:30	73992	15	225	1.171	105.7	16.42	2.453	108	8.84	5.844	117.8	6.786	20.96	21.44	22.62	0.478	1.658	79.05	17.21	1.118	892	0
8/13/2014 2:45	73993	15	225	0.687	27.32	92	1.16	135.5	63.58	4.078	118	8.03	21.03	21.58	22.03	0.55	1.008	77.65	16.99	0.893	893	0
8/13/2014 3:00	73994	15	225	0.785	26.83	22.87	1.01	24.11	23.62	3.156	99	5.577	19.79	20.86	21.14	1.071	1.354	85.6	17.31	0.743	893	0
8/13/2014 3:15	73995	15	225	0.712	29.13	20.3	1.362	48.92	13.1	3.739	102.1	5.63	19.78	20.26	21.13	0.471	1.342	87.5	17.66	0.809	893	0
8/13/2014 3:30	73996	15	225	1.268	88.8	19.13	2.389	92.7	13.76	4.888	109.1	7.298	20.46	20.8	21.27	0.346	0.817	84.9	17.85	0.77	893	0
8/13/2014 3:45	73997	15	225	1.778	106.8	13.31	2.918	105	9.13	5.329	117.1	4.326	20.98	21.15	21.56	0.171	0.579	80.2	17.46	1.065	892	0
8/13/2014 4:00	73998	15	225	1.298	102.3	11.83	2.438	102	5.917	4.579	119.4	3.098	20.68	21.01	21.69	0.326	1.006	81.1	17.34	0.921	892	0
8/13/2014 4:15	73999	15	225	1.358	92.1	10.99	2.72	97.3	7.317	4.785	124.1	5.494	20.46	20.96	22.27	0.502	1.808	81.8	17.27	0.933	893	0
8/13/2014 4:30	74000	15	225	1.433	78.13	10.23	2.665	78.81	5.509	4.493	113.7	4.493	20.17	20.52	21.97	0.349	1.79	83.3	17.27	0.995	893	0
8/13/2014 4:45	74001	15	225	1.814	91.7	10.99	3.282	91	5.162	5.167	118.5	4.655	20.32	20.65	22.34	0.332	2.017	82.7	17.29	0.912	893	0
8/13/2014 5:00	74002	15	225	2.138	96.6	10.49	3.692	93.8	5.629	5.929	115.6	3.538	20.62	20.88	22.47	0.265	1.849	79.58	16.98	1.087	893	0
8/13/2014 5:15	74003	15	225	1.802	107.3	11.54	3.318	104.9	7.049	6.39	119.7	2.701	20.9	21.22	22.75	0.315	1.844	77.07	16.75	2.264	893	0
8/13/2014 5:30	74004	15	225	1.84	113.5	12.52	3.144	109.6	7.57	6.353	115.3	2.985	21.35	21.63	22.41	0.278	1.064	72.92	16.31	12.56	893	0
8/13/2014 5:45	74005	15	225	2.212	112.6	12.25	3.697	108.4	7.52	6.916	116	2.262	21.55	21.79	22.58	0.239	1.034	71.01	16.09	25.68	893	0
8/13/2014 6:00	74006	15	225	2.355	111.1	13.21	3.799	106.2	7.631	6.909	111.3	3.373	21.62	21.78	22.28	0.159	0.656	70.58	16.06	60.36	893	0
8/13/2014 6:15	74007	15	225	2.192	114.4	14.05	3.263	109.4	9.07	6.04	112.2	4.279	22.03	21.94	22.08	-0.082	0.05	70.71	16.48	132.9	893	0
8/13/2014 6:30	74008	15	225	2.263	124.8	14.15	3.131	119.2	9.18	4.839	117.9	6.245	22.75	22.47	22.14	-0.278	-0.61	68.8	16.74	214.1	893	0
8/13/2014 6:45	74009	15	225	2.796	125.7	13.59	3.93	120.4	9.18	5.054	118.7	5.983	23.57	23.11	22.6	-0.46	-0.97	65.4	16.72	307.8	893	0
8/13/2014 7:00	74010	15	225	3.121	127	15.32	4.457	120.9	10.29	5.591	118.3	7.996	24.31	23.75	23.13	-0.556	-1.185	61.75	16.52	384.8	893	0
8/13/2014 7:15	74011	15	225	3.191	130.6	14.94	4.678	124.3	10.23	5.459	122	8.71	24.47	23.91	23.32	-0.564	-1.154	60.43	16.33	353.7	893	0
8/13/2014 7:30	74012	15	225	3.328	135.8	14.21	4.902	130.2	9.51	6.288	126.3	5.609	24.12	23.84	23.3	-0.275	-0.818	60.99	16.14	232.6	893	0
8/13/2014 7:45	74013	15	225	2.787	133.2	15.56	4.258	128	10.64	5.168	127.2	7.1	24.3	23.83	23.25	-0.47	-1.044	61.51	16.45	327.1	893	0
8/13/2014 8:00	74014	15	225	2.59	143.2	16.51	3.796	137.1	10.52	4.56	134	9.24	24.81	24.24	23.68	-0.573	-1.131	59.86	16.5	376.8	893	0
8/13/2014 8:15	74015	15	225	3.011	147.3	18.3	4.337	140.1	14.48	5.204	137.4	11.47	25.6	24.82	24.19	-0.778	-1.416	56.19	16.24	584	893	0
8/13/2014 8:30	74016	15	225	3.242	138.3	23.01	4.614	133.1	17.17	5.482	130.2	13.42	26.16	24.98	24.29	-1.173	-1.865	54.05	16.15	711.5	893	0
8/13/2014 8:45	74017	15	225	3.288	164.3	19.79	4.388	157.9	16.6	5.334	155.4	12.73	26.41	25.35	24.63	-1.059	-1.785	51.93	15.76	694	893	0
8/13/2014 9:00	74018	15	225	2.928	166.9	19.63	4.007	159.3	16.36	4.591	154.5	14.07	26.95	25.74	24.96	-1.206	-1.987	50.47	15.81	778.9	893	0
8/13/2014 9:15	74019	15	225	2.542	180.9	21.66	3.332	172.1	19.55	3.915	165	15.41	27.17	26.13	25.41	-1.037	-1.761	49.16	15.6	765.5	893	0
8/13/2014 9:30	74020	15	225	3.07	175.4	20.5	3.931	167.9	17.7	4.651	162.7	14.28	27.79	26.59	25.89	-1.197	-1.898	46.75	15.39	870	893	0
8/13/2014 9:45	74021	15	225	2.634	167.5	27.96	3.362	159.1	24.04	3.913	158.4	20.22	28.41	27.3	26.43	-1.11	-1.98	45.41	15.49	963	893	0
8/13/2014 10:00	74022	15	225	2.773	127.1	22.32	3.738	126	15.43	4.182	126.3	13.09	28.49	27.26	26.56	-1.23	-1.937	44.87	15.38	1004	893	0
8/13/2014 10:15	74023	15	225	3.117	143.7	30.41	4.082	136.4	24.14	4.605	138	16.85	28.97	27.65	26.87	-1.315	-2.104	43.74	15.41	1054	893	0
8/13/2014 10:30	74024	15	225	2.851	115.7	27.06	3.897	115.7	21.33	4.87	119.7	21.6	29.41	28.02	27.21	-1.396	-2.203	42.84	15.49	1084	893	0
8/13/2014 10:45	74025	15	225	3.377	140.8	22.97	4.428	137.3	16.9	5.27	133.7	17.24	29.81	28.5	27.7	-1.308	-2.111	41.09	15.2	1112	893	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/13/2014 11:00	74026	15	225	3.255	144.9	23.17	4.352	137	19.61	5.169	130.5	11.93	30.12	28.68	27.85	-1.443	-2.272	39.18	14.74	1138	892	0
8/13/2014 11:15	74027	15	225	3.409	132.6	25.89	4.696	127.2	21.4	5.713	120.4	15.75	30.83	29.26	28.23	-1.573	-2.597	37.6	14.73	1161	892	0
8/13/2014 11:30	74028	15	225	3.755	117.2	18.2	5.366	112.7	13.03	6.091	114.2	10.25	31.02	29.28	28.34	-1.743	-2.678	36.48	14.43	1175	892	0
8/13/2014 11:45	74029	15	225	3.205	136.8	20.1	4.347	133	15.64	5.167	130.4	12.9	31.37	29.88	28.74	-1.484	-2.631	35.05	14.11	1187	892	0
8/13/2014 12:00	74030	15	225	3.538	141.3	25.6	4.793	136.1	19.92	5.512	130.7	16.87	31.36	29.75	28.92	-1.611	-2.441	34.43	13.83	1192	892	0
8/13/2014 12:15	74031	15	225	3.664	155.2	24.06	4.812	148.8	19.92	5.676	146.6	16.07	31.8	30.33	29.33	-1.474	-2.472	32.95	13.54	1194	892	0
8/13/2014 12:30	74032	15	225	3.753	129.3	22.89	5.108	121.2	19.1	6.057	118.1	16.73	31.93	30.33	29.37	-1.598	-2.556	32.05	13.22	1191	892	0
8/13/2014 12:45	74033	15	225	3.699	134.5	24.96	5.074	128.4	22.96	6.295	127.1	19.51	32.34	30.77	29.66	-1.569	-2.681	30.71	12.93	1186	891	0
8/13/2014 13:00	74034	15	225	3.666	132.3	21.17	5.072	127.2	15.54	6.004	126.5	15.58	32.4	30.79	29.88	-1.609	-2.519	30.05	12.65	1172	891	0
8/13/2014 13:15	74035	15	225	3.637	136.4	22.37	4.947	130.9	15.92	5.75	125.6	13.2	32.45	30.9	30	-1.547	-2.449	29.83	12.58	1117	891	0
8/13/2014 13:30	74036	15	225	3.694	141.3	29.37	5.049	134.8	26.42	6.013	129.8	25	33.05	31.54	30.5	-1.51	-2.55	28.75	12.53	1174	891	0
8/13/2014 13:45	74037	15	225	4.12	139.9	31.97	5.57	134.5	27.19	6.421	130.2	20.68	32.92	31.32	30.37	-1.599	-2.547	28.91	12.5	1137	891	0
8/13/2014 14:00	74038	15	225	3.831	155.3	19.88	5.39	148.3	15.12	6.249	146.7	12.25	32.74	31.31	30.48	-1.421	-2.255	29.13	12.46	901	890	0
8/13/2014 14:15	74039	15	225	3.528	144.6	21.78	4.622	138.8	17.24	5.208	132.1	13.16	32.85	31.46	30.69	-1.386	-2.156	28.93	12.45	1090	890	0
8/13/2014 14:30	74040	15	225	3.438	130	29.62	4.807	122.7	26.01	6.044	122.4	21.57	33.48	32.03	31.1	-1.454	-2.382	28.17	12.59	998	890	0
8/13/2014 14:45	74041	15	225	3.896	152.9	19.75	5.449	146.2	15.64	6.424	143.9	13.52	32.97	31.76	30.99	-1.208	-1.977	27.43	11.74	752.6	890	0
8/13/2014 15:00	74042	15	225	3.678	123.6	24.42	5.057	119.6	19.58	6.111	118.5	17.43	33.14	31.94	31.1	-1.203	-2.039	26.25	11.22	878	890	0
8/13/2014 15:15	74043	15	225	3.627	162.1	31.93	5.001	153.3	27.09	5.754	147.4	23.72	33.47	32.25	31.4	-1.229	-2.071	26.15	11.45	903	890	0
8/13/2014 15:30	74044	15	225	3.523	159.3	26.95	4.839	150.6	23.6	5.755	143.6	21.47	33.42	32.18	31.33	-1.244	-2.092	25.92	11.27	807	890	0
8/13/2014 15:45	74045	15	225	3.585	144.9	26.81	4.931	136.7	23	6.061	132.5	17.93	33.54	32.31	31.51	-1.233	-2.028	25.59	11.18	821	890	0
8/13/2014 16:00	74046	15	225	3.787	129.6	23.45	5.264	122.9	17.41	6.187	122.4	13.9	33.33	32.3	31.5	-1.032	-1.836	26	11.24	674.7	890	0
8/13/2014 16:15	74047	15	225	3.612	140.7	17.78	5.066	133.3	13.23	5.906	132.5	12.43	33.35	32.31	31.56	-1.032	-1.79	25.94	11.22	699.2	889	0
8/13/2014 16:30	74048	15	225	3.625	141.9	17.17	5.29	136.8	14.14	6.117	136.9	13.26	32.83	32.14	31.43	-0.691	-1.398	26.97	11.37	407.5	889	0
8/13/2014 16:45	74049	15	225	3.293	132.9	22.51	4.767	126.4	18.14	6.22	123.3	15.62	32.48	31.99	31.37	-0.494	-1.112	27.74	11.5	360.6	889	0
8/13/2014 17:00	74050	15	225	4.143	120.6	15.24	5.792	115.3	10.02	6.898	113	8.47	32.78	32.16	31.45	-0.619	-1.325	26.88	11.28	463.7	889	0
8/13/2014 17:15	74051	15	225	3.309	131	15.59	4.823	125.2	11.62	6.015	121.7	8.98	32.68	32.18	31.49	-0.508	-1.195	27	11.27	381.4	889	0
8/13/2014 17:30	74052	15	225	3.799	126	15.8	5.541	121	11.42	6.829	118.6	8.96	32.49	32.12	31.48	-0.366	-1.009	27.24	11.23	314.7	889	0
8/13/2014 17:45	74053	15	225	4.122	123.3	12.92	6.19	118.7	7.693	7.276	117.6	6.618	32.14	31.87	31.32	-0.268	-0.819	27.82	11.26	245.5	889	0
8/13/2014 18:00	74054	15	225	3.759	130.6	15.43	5.629	123.1	11.98	7.302	119.7	10.63	31.59	31.6	31.17	0.015	-0.415	28.61	11.2	121.9	889	0
8/13/2014 18:15	74055	15	225	3.46	137.4	12.6	5.149	131.9	7.872	7.098	128.6	4.483	30.9	31.11	30.89	0.22	-0.008	30.37	11.51	47.97	889	0
8/13/2014 18:30	74056	15	225	3.188	136.6	11.49	4.956	130.9	6.977	7.327	129.4	4.461	30.36	30.72	30.67	0.362	0.313	30.51	11.12	16.54	889	0
8/13/2014 18:45	74057	15	225	2.747	133.9	11.04	4.382	129.5	6.741	6.783	128.7	3.85	29.83	30.34	30.47	0.502	0.634	31.76	11.27	6.4	890	0
8/13/2014 19:00	74058	15	225	2.455	133.1	11.32	4.179	128.6	6.517	6.843	128.3	3.543	29.29	29.94	30.25	0.648	0.964	33.2	11.47	1.826	890	0
8/13/2014 19:15	74059	15	225	1.845	122.7	11.21	3.544	120.7	5.677	6.471	123.7	2.444	28.4	29.37	30.05	0.963	1.645	35.33	11.62	1.167	890	0
8/13/2014 19:30	74060	15	225	1.658	117.6	9.2	3.361	117.3	4.121	6.601	125.7	2.236	27.47	28.69	29.78	1.217	2.305	38.05	11.93	0.833	890	0
8/13/2014 19:45	74061	15	225	1.604	118.1	9.53	3.476	118.6	3.582	6.949	128.1	1.669	26.73	28.18	29.63	1.445	2.9	40.47	12.21	1.079	890	0
8/13/2014 20:00	74062	15	225	1.916	120.4	9.79	3.838	118.6	4.458	7.386	127.2	1.765	26.64	27.79	29.16	1.151	2.529	40.73	12.22	1.165	890	0
8/13/2014 20:15	74063	15	225	2.029	123.1	10.04	4	120.8	4.888	7.881	129.7	2.039	26.52	27.45	29.01	0.936	2.492	40.86	12.16	1.418	890	0
8/13/2014 20:30	74064	15	225	2.038	124.8	11.5	4.082	123.8	4.704	8.04	132.5	2.102	26.25	27.21	28.78	0.965	2.534	41.61	12.2	1.41	891	0
8/13/2014 20:45	74065	15	225	2.267	129.3	10.92	4.266	128	5.646	8.25	135.9	2.361	26.38	27.26	28.6	0.873	2.219	41.09	12.13	1.228	891	0
8/13/2014 21:00	74066	15	225	2.141	130.4	10	3.98	128.5	5.283	7.813	136.8	2.261	26.29	27.13	28.42	0.84	2.129	41.03	12.03	1.172	891	0
8/13/2014 21:15	74067	15	225	2.177	131.3	11.28	4.022	129.6	5.902	7.919	137.6	3.04	26.2	27.03	28.29	0.831	2.091	41.52	12.12	1.32	891	0
8/13/2014 21:30	74068	15	225	2.407	134.5	10.85	4.234	132.3	5.93	8.04	139	2.917	26.21	26.96	28.1	0.752	1.885	41.7	12.2	1.26	891	0
8/13/2014 21:45	74069	15	225	2.691	136.8	11.21	4.5	133.1	6.586	8.03	137.7	3.831	26.32	26.99	27.79	0.669	1.473	41.66	12.28	1.37	891	0
8/13/2014 22:00	74070	15	225	2.716	139	12.04	4.471	135	7.1	7.821	138.7	4.196	26.29	26.85	27.43	0.56	1.137	41.93	12.35	1.255	891	0
8/13/2014 22:15	74071	15	225	2.788	143.9	12.4	4.628	139.8	7.094	7.837	141.6	4.545	26.39	26.93	27.34	0.537	0.95	42.32	12.59	1.559	891	0
8/13/2014 22:30	74072	15	225	2.993	145.9	12.53	4.977	140.7	7.171	8.02	142.3	4.583	26.45	26.96	27.23	0.507	0.779	42.8	12.81	1.635	891	0
8/13/2014 22:45	74073	15	225	3.161	150.2	12.3	4.969	143.5	7.658	8.23	144.2	4.711	26.43	26.85	27.07	0.42	0.642	43.04	12.88	1.314	891	0
8/13/2014 23:00	74074	15	225	2.903	152.1	11.98	4.758	146.4	7.191	7.678	147.8	4.394	26.18	26.64	26.87	0.459	0.687	44.39	13.13	1.191	891	0
8/13/2014 23:15	74075	15	225	3.213	155.4	12.36	5.197	148	7.798	8.45	149.2	4.821	26.18	26.6	26.82	0.422	0.637	45.23	13.41	1.366	891	0
8/13/2014 23:30	74076	15	225	3.614	156.8	12.73	5.501	150.1	8.25	8.27	149.5	4.986	26.26	26.62	26.67	0.36	0.411	45.69	13.64	1.427	891	0
8/13/2014 23:45	74077	15	225	3.557	160.9	13.21	5.553	154.1	7.551	8.08	153.8	4.962	26.15	26.52	26.55	0.378	0.401	46.7	13.87	1.22	891	0
8/14/2014 0:00	74078	15	226	3.549	162.4	11.7	5.244	157.4	7.769	7.884	155.5	4.877	25.94	26.31	26.35	0.366	0.408	47.84	14.06	1.308	891	0
8/14/2014 0:15	74079	15	226	3.257	162	11.99	4.991	155.9	7.438	7.523	155.3	4.704	25.64	26.04	26.11	0.399	0.471	48.85	14.11	1.284	891	0
8/14/2014 0:30	74080	15	226	3.141	159.2	11.82	5.159	152.9	7.616	7.863	152.9	4.985	25.42	25.85	25.95	0.428	0.533	49.59	14.13	1.268	891	0
8/14/2014 0:45	74081	15	226	3.454	161.5	11.47	5.321	153.3	7.16	8.09	153.2	4.577	25.34	25.73	25.82	0.389	0.48	49.42	14.01	1.421	891	0
8/14/2014 1:00	74082	15	226	3.304	161.1	11.97	5.207	155.8	7.353	8.04	154.6	4.424	25.14	25.55	25.67	0.408	0.528	49.48	13.84	1.556	890	0
8/14/2014 1:15	74083	15	226	3.222	163.2	11.99	5.142	157.1	7.487	7.956	155.7	4.737	24.93	25.35	25.49	0.413	0.559	49.84	13.76	1.454	890	0
8/14/2014 1:30	74084	15	226	3.301	166.8	11.24	5.013	160.3	7.083	7.56	159.2	4.473	24.78	25.18	25.27	0.391	0.489	50.2	13.74	1.333	890	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/14/2014 1:45	74085	15	226	3.078	166.9	11.17	4.802	160	7.977	7.768	159.9	4.807	24.5	24.9	25.06	0.404	0.561	51.3	13.81	1.252	890	0
8/14/2014 2:00	74086	15	226	3.196	170.8	11.63	4.837	164.3	7.755	7.701	163.3	4.591	24.33	24.7	24.83	0.372	0.494	52.84	14.11	1.337	890	0
8/14/2014 2:15	74087	15	226	3.069	163.8	11.48	4.864	159.4	7.379	7.539	160.6	4.585	24.1	24.49	24.62	0.391	0.515	54.2	14.29	1.191	891	0
8/14/2014 2:30	74088	15	226	3.067	160.4	12.31	4.783	154.6	7.169	7.732	157.1	5.09	23.87	24.26	24.45	0.392	0.584	55.46	14.43	1.409	891	0
8/14/2014 2:45	74089	15	226	3.337	159.1	11.48	5.219	153.1	6.954	7.952	154.9	4.554	23.82	24.17	24.3	0.357	0.481	55.88	14.5	1.354	891	0
8/14/2014 3:00	74090	15	226	3.046	157.6	12.17	4.882	152.4	7.139	7.808	153.7	4.768	23.57	23.95	24.12	0.371	0.545	56.5	14.44	1.355	891	0
8/14/2014 3:15	74091	15	226	2.774	161.1	11.65	4.415	154.5	7.588	7.297	154.6	4.926	23.41	23.82	24.01	0.41	0.6	57.22	14.49	1.467	891	0
8/14/2014 3:30	74092	15	226	2.551	159.7	11.68	4.048	153.3	7.166	6.565	153.8	4.408	23.2	23.64	23.88	0.441	0.682	57.86	14.46	1.198	891	0
8/14/2014 3:45	74093	15	226	2.05	156.6	10.97	3.585	149.9	6.567	6.322	151.2	4.069	22.75	23.3	23.68	0.55	0.932	59.53	14.48	1.135	891	0
8/14/2014 4:00	74094	15	226	2.171	153.5	11.01	3.765	148.3	6.452	6.628	149.7	3.86	22.59	23.16	23.64	0.568	1.054	60.55	14.59	1.168	891	0
8/14/2014 4:15	74095	15	226	2.322	147.3	12.65	4.056	142.3	7.039	7.184	145.9	3.936	22.51	23.07	23.6	0.559	1.085	60.77	14.57	1.212	891	0
8/14/2014 4:30	74096	15	226	2.216	139.5	12.08	3.835	134.4	7.363	7.023	140.5	4.139	22.3	22.85	23.46	0.549	1.166	61.15	14.47	1.171	891	0
8/14/2014 4:45	74097	15	226	1.995	136	10.74	3.586	130.4	6.171	6.731	141	4.219	21.75	22.34	23.29	0.594	1.545	63.17	14.45	1.207	891	0
8/14/2014 5:00	74098	15	226	2.304	138.9	11.05	3.981	134.1	6.592	7.292	143.4	3.88	21.75	22.35	23.35	0.6	1.602	63.48	14.53	1.168	891	0
8/14/2014 5:15	74099	15	226	2.69	138.7	11.45	4.466	134.2	7.093	7.864	142.7	4.105	22.08	22.58	23.45	0.498	1.368	61.82	14.43	2.255	891	0
8/14/2014 5:30	74100	15	226	2.38	143.3	13.09	4.066	137.5	7.331	7.306	142.2	4.659	22.14	22.62	23.16	0.474	1.016	61.45	14.4	6.958	891	0
8/14/2014 5:45	74101	15	226	2.337	143.5	12.48	3.796	136.8	7.64	6.792	138.5	4.883	22.25	22.6	22.91	0.352	0.662	61.86	14.6	31.54	891	0
8/14/2014 6:00	74102	15	226	2.511	146.2	12.78	4.162	138.4	7.728	6.869	139.6	5.094	22.51	22.72	22.94	0.208	0.431	61.74	14.82	75.43	891	0
8/14/2014 6:15	74103	15	226	2.888	145.8	13.24	4.621	139.5	7.786	7.051	141	5.105	23.14	23.16	23.11	0.02	-0.032	59.79	14.92	129.9	891	0
8/14/2014 6:30	74104	15	226	3.227	144.9	12.4	4.838	137.4	8.17	6.946	136.6	5.726	23.67	23.51	23.2	-0.156	-0.467	58.08	14.96	191.4	891	0
8/14/2014 6:45	74105	15	226	3.571	143.3	13.6	5.317	137.8	8.14	6.873	136.6	6.149	24.27	23.98	23.55	-0.291	-0.721	56.38	15.06	255.6	891	0
8/14/2014 7:00	74106	15	226	3.866	148.2	14.03	5.58	142.7	9.07	7.297	140.3	6.793	24.97	24.58	24.05	-0.397	-0.922	54.24	15.11	323.2	891	0
8/14/2014 7:15	74107	15	226	4.015	153.6	14	6.254	146.2	8.28	7.461	143.5	5.686	25.58	25.03	24.47	-0.551	-1.104	52.38	15.12	388.3	891	0
8/14/2014 7:30	74108	15	226	4.219	150.6	13.66	6.309	144.6	7.563	7.559	142.8	5.19	26.02	25.37	24.75	-0.648	-1.271	51.21	15.18	453.7	891	0
8/14/2014 7:45	74109	15	226	4.302	156.9	13.56	6.445	150.4	8.87	7.53	148.6	6.251	26.53	25.72	25.06	-0.814	-1.474	50.32	15.38	520.9	891	0
8/14/2014 8:00	74110	15	226	4.359	153.4	14.2	6.406	147.5	8.98	7.735	145	6.008	26.9	25.98	25.26	-0.911	-1.64	49.41	15.43	585.3	891	0
8/14/2014 8:15	74111	15	226	4.612	154.4	15.43	6.57	146.8	11.9	7.714	144.4	7.895	27.37	26.4	25.66	-0.97	-1.716	48.63	15.62	648.4	891	0
8/14/2014 8:30	74112	15	226	4.373	156.8	15.82	6.365	149.8	10.9	7.293	146.4	8.87	27.92	26.8	26.05	-1.12	-1.873	47.55	15.77	709.3	891	0
8/14/2014 8:45	74113	15	226	4.284	150.9	14.68	6.206	145.2	9.29	7.162	143.5	7.316	28.35	27.15	26.4	-1.2	-1.947	46.41	15.78	767.8	891	0
8/14/2014 9:00	74114	15	226	3.88	159.6	17.59	5.503	153	13.27	6.438	148.6	10.21	28.87	27.54	26.75	-1.329	-2.113	45.14	15.81	826	891	0
8/14/2014 9:15	74115	15	226	3.716	163.4	20.67	5.128	156.4	16.47	5.633	152.8	13.64	29.52	28.13	27.36	-1.398	-2.167	42.89	15.61	894	891	0
8/14/2014 9:30	74116	15	226	3.167	171.7	20.77	4.358	165.4	17.71	5.364	160.1	15.63	30.16	28.72	27.75	-1.434	-2.405	40.84	15.41	985	891	0
8/14/2014 9:45	74117	15	226	3.399	157.3	22.23	4.831	149.7	18.62	5.582	147.8	17.58	30.57	28.99	28.04	-1.58	-2.526	38.91	15.02	1057	891	0
8/14/2014 10:00	74118	15	226	2.88	172.2	25.3	3.755	168.6	20.32	4.573	165.8	19.16	30.35	29.34	28.56	-1.012	-1.792	36.56	13.86	777.2	891	0
8/14/2014 10:15	74119	15	226	2.942	195.6	20.34	3.796	187.6	17.39	4.638	178.3	15.95	30.83	29.68	28.8	-1.143	-2.023	34.55	13.4	1059	891	0
8/14/2014 10:30	74120	15	226	2.572	171.4	25.7	3.228	164	20.37	3.828	159.8	19.04	31.15	29.96	29.08	-1.188	-2.07	33.9	13.41	1090	891	0
8/14/2014 10:45	74121	15	226	3.247	192.8	24.36	4.24	185.2	21.93	5.001	179.8	18.15	31.44	30.06	29.24	-1.377	-2.198	31.81	12.67	1019	891	0
8/14/2014 11:00	74122	15	226	2.897	210.1	37.11	3.754	202	33.27	4.073	189.7	24.92	31.5	30.14	29.36	-1.367	-2.139	32.99	13.3	1173	890	0
8/14/2014 11:15	74123	15	226	2.526	207.4	29.31	3.212	203.4	24.18	3.85	201.8	17.91	31.14	30.13	29.32	-1.007	-1.815	33.84	13.37	895	890	0
8/14/2014 11:30	74124	15	226	2.616	205.8	34.35	3.287	199.1	27.77	3.803	193	15.4	31.83	30.57	29.75	-1.264	-2.081	32.59	13.39	1217	890	0
8/14/2014 11:45	74125	15	226	2.665	203	25.4	3.358	197.2	24.26	4.207	191.9	19.21	31.59	30.62	29.89	-0.972	-1.697	32.59	13.19	899	890	0
8/14/2014 12:00	74126	15	226	3.081	194.2	33.71	4.068	187.7	28.19	4.872	187.2	23.95	32.28	31.04	30.24	-1.248	-2.04	32.3	13.65	1000	890	0
8/14/2014 12:15	74127	15	226	2.717	205.5	37.49	3.568	199.5	34.46	4.27	202.8	23.81	32.41	31.1	30.28	-1.313	-2.135	31.39	13.32	1225	889	0
8/14/2014 12:30	74128	15	226	3.189	223	20.59	4.2	218	18.52	4.679	214.5	17.47	32.79	31.27	30.32	-1.521	-2.47	31.01	13.46	1256	889	0
8/14/2014 12:45	74129	15	226	3.12	237.6	28.6	3.965	229.5	25.22	4.711	223.5	21.64	32.81	31.51	30.7	-1.294	-2.11	30.55	13.25	1216	889	0
8/14/2014 13:00	74130	15	226	2.276	174.8	51.58	3.052	170.1	48.92	3.637	164.6	54.12	32.79	31.66	30.91	-1.129	-1.875	30.39	13.15	1066	889	0
8/14/2014 13:15	74131	15	226	2.663	142.2	61.62	3.337	139	57.79	3.923	136.1	48.48	33.41	32.11	31.18	-1.294	-2.223	29.26	13.1	1218	889	0
8/14/2014 13:30	74132	15	226	3.091	190.3	37.51	4.06	183.7	33.66	4.641	175.9	25.67	33.86	32.32	31.37	-1.535	-2.482	28.59	13.13	1213	889	0
8/14/2014 13:45	74133	15	226	2.004	168	53.08	2.628	163.9	49.99	2.854	166.6	47.96	33.39	32.26	31.45	-1.133	-1.943	28.27	12.56	956	888	0
8/14/2014 14:00	74134	15	226	2.73	169.5	34.27	3.569	164.9	28.6	4.112	160.5	24.25	34.02	32.69	31.7	-1.334	-2.322	27.47	12.66	1103	888	0
8/14/2014 14:15	74135	15	226	2.241	194.6	70.16	2.769	170.3	62.08	3.294	161.5	52.24	33.3	32.52	31.85	-0.781	-1.447	26.92	11.74	739.2	888	0
8/14/2014 14:30	74136	15	226	2.707	191.6	28.57	3.596	184.6	25.84	4.108	178.6	25.18	33.66	32.75	31.97	-0.913	-1.69	26.54	11.83	730.8	888	0
8/14/2014 14:45	74137	15	226	2.84	127.6	33.77	3.879	125.2	23.1	4.411	132.3	20.22	33.74	32.73	32	-1.008	-1.741	26.29	11.75	674	888	0
8/14/2014 15:00	74138	15	226	2.937	122.7	22.81	4.157	118.5	18.92	5.024	113.7	14.97	33.13	32.53	31.91	-0.591	-1.217	26.81	11.53	418.5	888	0
8/14/2014 15:15	74139	15	226	3.003	98.4	23.44	3.993	96.7	19.15	4.78	97	17.75	33.45	32.76	32.02	-0.692	-1.428	26.58	11.67	602.2	888	0
8/14/2014 15:30	74140	15	226	2.898	146.6	23.88	3.85	141.4	22.46	4.535	134.6	17.33	33.22	32.62	32.03	-0.597	-1.193	26.54	11.46	450	887	0
8/14/2014 15:45	74141	15	226	2.707	128.4	14.95	3.737	122.5	10.26	4.323	119.6	8.86	33.2	32.64	32.08	-0.562	-1.128	26.59	11.48	444.2	887	0
8/14/2014 16:00	74142	15	226	2.714	140.6	21.4	3.737	136.3	16.93	4.298	134.6	16.74	33.28	32.8	32.21	-0.48	-1.077	26.39	11.42	448.3	887	0
8/14/2014 16:15	74143	15	226	2.868	173.9	22.56	4.091	169.2	18.31	4.832	167.4	15.94	33.41	32.9	32.28	-0.507	-1.129	26.26	11.46	409.5	887	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/14/2014 16:30	74144	15	226	2.13	140.6	34.81	2.978	134	29.7	3.797	131.4	23.78	33.13	32.81	32.28	-0.318	-0.844	26.51	11.36	336.6	887	0
8/14/2014 16:45	74145	15	226	2.327	150.5	20.62	3.262	146.2	16.95	3.746	146.6	21.48	32.88	32.74	32.27	-0.14	-0.611	26.4	11.09	213.8	887	0
8/14/2014 17:00	74146	15	226	1.973	201.4	15.5	2.892	197.7	12.36	3.692	194.1	10.99	32.55	32.62	32.21	0.069	-0.342	27.5	11.43	148.3	888	0
8/14/2014 17:15	74147	15	226	1.545	196.7	13.86	2.255	193.4	10.9	2.996	194.4	6.885	32.32	32.49	32.15	0.171	-0.172	28.2	11.61	103.7	888	0
8/14/2014 17:30	74148	15	226	2.654	223.3	39.49	4.232	218	38.26	5.177	213.7	40.35	31	31.15	30.68	0.143	-0.325	32.72	12.47	58.42	888	0
8/14/2014 17:45	74149	15	226	4.139	287	18.46	5.917	282.1	13.32	7.327	278.5	10.08	27.88	27.43	26.89	-0.444	-0.988	49	16.19	43.45	888	0
8/14/2014 18:00	74150	15	226	3.177	287.2	13.22	4.48	281.5	9.12	5.685	276.7	5.973	27.75	27.37	26.89	-0.38	-0.862	49.62	16.28	42.92	888	0
8/14/2014 18:15	74151	15	226	2.101	304.7	16.68	2.39	299	12.17	2.892	294.8	10.3	27.66	27.46	27.02	-0.199	-0.635	49.08	16.02	23.97	888	0
8/14/2014 18:30	74152	15	226	1.053	344	26.63	1.489	329.5	24.85	1.939	314.1	19.41	26.92	26.98	26.68	0.057	-0.243	51.91	16.22	10.02	888	0
8/14/2014 18:45	74153	15	226	0.678	71.96	38.64	1.054	33.73	13.36	1.232	342.7	21.08	26.47	26.8	26.59	0.337	0.126	54.18	16.48	2.535	888	0
8/14/2014 19:00	74154	15	226	0.691	136.7	30.11	0.916	94.2	49.24	0.803	43.72	52.42	25.82	26.72	26.58	0.9	0.753	59.05	17.23	0.748	888	0
8/14/2014 19:15	74155	15	226	0.971	180.4	6.197	1.605	177.1	4.667	1.349	170.4	11.39	25.53	26.65	26.44	1.117	0.912	60.75	17.41	0.63	888	0
8/14/2014 19:30	74156	15	226	0.881	111.5	47.5	1.269	131.1	39.76	1.143	141.9	45.54	25.45	26.49	26.38	1.048	0.93	61.33	17.48	0.513	888	0
8/14/2014 19:45	74157	15	226	0.783	79.47	12.55	1.678	95.5	6.834	1.179	82.9	4.888	25.12	26.33	26.51	1.214	1.39	63.52	17.73	0.574	888	0
8/14/2014 20:00	74158	15	226	1.358	82.9	14.92	2.884	84	6.893	3.17	74.01	8.21	25.23	26.18	26.85	0.945	1.62	61.83	17.4	0.757	888	0
8/14/2014 20:15	74159	15	226	1.102	126.6	12.37	2.221	113.7	9.19	3.258	97.7	8.22	25.29	25.98	27	0.691	1.718	60.19	17.03	0.803	888	0
8/14/2014 20:30	74160	15	226	1.183	122.9	13.79	2.769	119.7	5.82	2.858	108.9	7.597	25.19	26.07	27.31	0.882	2.12	61.35	17.24	0.748	889	0
8/14/2014 20:45	74161	15	226	1.19	127.5	12.43	2.596	120.2	4.672	3.189	116.5	5.782	25.29	25.94	27.26	0.649	1.969	60.42	17.1	0.825	889	0
8/14/2014 21:00	74162	15	226	1.622	131.3	10.09	3.26	121.2	4.876	3.886	122.8	5.494	25.21	25.89	27.38	0.678	2.169	60.54	17.05	0.898	889	0
8/14/2014 21:15	74163	15	226	1.773	119.1	13	3.497	117.3	5.527	3.96	125.5	2.694	25.15	25.75	27.61	0.601	2.459	60.9	17.09	0.813	889	0
8/14/2014 21:30	74164	15	226	1.544	122.6	21.12	3.218	118.7	9.7	3.367	131.2	5.006	24.96	25.9	27.91	0.947	2.952	60.8	16.88	0.791	889	0
8/14/2014 21:45	74165	15	226	1.585	116.4	13.54	3.33	119.5	4.751	2.973	136.1	8.05	24.92	26.24	28.23	1.327	3.316	60.27	16.71	0.709	889	0
8/14/2014 22:00	74166	15	226	1.528	116.1	11.44	3.261	115.4	6.667	3.164	138	8.81	24.85	26.06	28.69	1.208	3.836	59.34	16.4	0.743	889	0
8/14/2014 22:15	74167	15	226	1.522	107.7	11.6	3.402	107.5	4.763	3.407	134.3	9.15	24.7	25.87	28.78	1.166	4.082	59.14	16.21	0.723	889	0
8/14/2014 22:30	74168	15	226	1.571	107.1	13	3.422	108.7	5.726	4.604	132.6	8.61	24.73	26.39	28.85	1.658	4.122	57.58	15.82	0.868	889	0
8/14/2014 22:45	74169	15	226	1.39	106.9	11.13	3.329	109.9	5.231	5.555	133.8	4.88	24.67	26.41	28.74	1.735	4.066	56.06	15.34	0.987	889	0
8/14/2014 23:00	74170	15	226	1.787	114.4	13.17	3.663	118.2	6.043	6.594	134.3	4.1	25.39	26.7	28.28	1.309	2.889	49.06	13.92	1.265	889	0
8/14/2014 23:15	74171	15	226	2.653	133.4	13.9	4.628	130.5	8.66	7.98	139.8	5.572	26.06	26.8	27.68	0.748	1.629	41.29	11.89	1.385	889	0
8/14/2014 23:30	74172	15	226	3.481	153.6	13.19	5.586	147.4	8.09	9.39	150.1	5.027	26.57	27.1	27.71	0.528	1.132	34.57	9.67	1.509	888	0
8/14/2014 23:45	74173	15	226	3.423	157.3	11.15	5.465	151.7	6.701	8.97	154	3.646	26.95	27.45	27.92	0.503	0.97	31.17	8.48	1.409	888	0
8/15/2014 0:00	74174	15	227	2.862	156.7	11.99	4.63	150.5	6.993	7.881	153.2	4.122	26.54	27.1	27.57	0.562	1.031	31.82	8.44	1.384	888	0
8/15/2014 0:15	74175	15	227	2.814	155.3	11.82	4.453	150.2	7.564	7.441	153.1	5.186	26.3	26.88	27.26	0.582	0.955	32.03	8.33	1.383	888	0
8/15/2014 0:30	74176	15	227	1.895	153.2	12.24	3.467	148	7.276	6.354	150.2	4.632	25.49	26.28	26.84	0.792	1.351	34.07	8.53	1.148	888	0
8/15/2014 0:45	74177	15	227	2.62	160.1	12.61	4.331	154.1	8.25	7.203	153.1	6.114	25.66	26.29	26.63	0.628	0.967	34.15	8.71	1.284	888	0
8/15/2014 1:00	74178	15	227	3.713	164.1	11.98	5.664	158.5	7.839	8.5	156.9	5.719	26.01	26.41	26.5	0.401	0.489	34.03	8.97	1.389	888	0
8/15/2014 1:15	74179	15	227	3.331	171.3	12	5.222	165.1	7.461	7.722	162	4.649	25.85	26.25	26.31	0.4	0.461	35.25	9.35	1.251	888	0
8/15/2014 1:30	74180	15	227	2.847	168.5	11.99	4.442	162.2	8.47	6.984	160.3	5.259	25.49	25.94	26.07	0.446	0.58	36.63	9.61	1.274	888	0
8/15/2014 1:45	74181	15	227	2.876	164	12.97	4.556	158.2	7.609	7.037	156.9	5.207	25.38	25.81	25.91	0.435	0.527	37.44	9.83	1.178	888	0
8/15/2014 2:00	74182	15	227	2.81	165.5	12.45	4.483	158.8	8.25	7.194	157.3	5.821	25.29	25.72	25.81	0.428	0.523	38.2	10.05	1.283	888	0
8/15/2014 2:15	74183	15	227	3.008	166.9	11.61	4.666	159.5	7.478	7.128	156.2	4.795	25.27	25.69	25.78	0.419	0.506	38.81	10.27	1.35	888	0
8/15/2014 2:30	74184	15	227	3.047	165	11.66	4.66	158.7	7.737	7.05	157.9	5.226	25.18	25.57	25.66	0.396	0.488	39.61	10.5	1.176	888	0
8/15/2014 2:45	74185	15	227	2.585	164.9	12.77	4.081	158.2	8.63	6.616	156.9	5.03	24.82	25.27	25.44	0.452	0.62	40.84	10.63	1.225	888	0
8/15/2014 3:00	74186	15	227	2.267	168.2	11.72	3.692	162	8.48	6.059	160.9	5.156	24.55	25.04	25.21	0.491	0.655	41.91	10.79	1.067	888	0
8/15/2014 3:15	74187	15	227	2.223	167.9	13.79	3.664	161.2	9.8	6.111	161.4	6.633	24.33	24.85	25.07	0.519	0.732	42.76	10.89	1.038	888	0
8/15/2014 3:30	74188	15	227	1.648	181.4	10.27	3.071	176.9	6.372	5.235	173.5	3.761	23.68	24.46	24.76	0.775	1.082	44.5	10.89	0.972	888	0
8/15/2014 3:45	74189	15	227	1.028	168.1	12.79	2.366	168.8	6.76	4.704	172.7	2.806	22.78	23.99	24.51	1.213	1.732	47.86	11.17	1.017	888	0
8/15/2014 4:00	74190	15	227	1.168	143	12.77	2.805	153.8	5.091	5.105	164.8	3.797	22.19	23.84	24.38	1.646	2.194	50.92	11.57	0.954	888	0
8/15/2014 4:15	74191	15	227	0.943	172	19.49	2.384	160.8	9.34	4.777	161.7	5.159	22.16	23.45	23.93	1.283	1.768	51.23	11.64	0.918	888	0
8/15/2014 4:30	74192	15	227	1.435	151.3	11.77	3.089	146.3	5.981	6.144	157.9	2.741	22.46	23.35	24.37	0.887	1.907	49.65	11.43	1.238	888	0
8/15/2014 4:45	74193	15	227	1.639	142	11.02	3.237	136.8	5.419	5.842	150.3	3.533	22.5	23.28	24.28	0.782	1.778	48.75	11.2	1.063	888	0
8/15/2014 5:00	74194	15	227	1.809	138.7	10.92	3.531	131.4	4.998	6.025	147.3	2.651	22.39	23.12	24.27	0.735	1.88	49.22	11.24	1.115	888	0
8/15/2014 5:15	74195	15	227	1.838	138.6	11.47	3.523	132.9	5.68	6.436	148.3	2.671	22.28	22.91	24.26	0.634	1.977	49.65	11.27	2.002	889	0
8/15/2014 5:30	74196	15	227	1.713	141	11.07	3.469	134.5	4.696	6.373	153.1	3.813	21.93	22.66	24.18	0.735	2.249	51.36	11.46	6.003	889	0
8/15/2014 5:45	74197	15	227	1.22	148.9	13.45	2.707	138.9	4.94	6.185	156.5	2.132	21.66	22.38	24.11	0.724	2.449	53.14	11.72	21.97	889	0
8/15/2014 6:00	74198	15	227	1.207	149.8	11.78	2.663	138.7	5.54	5.707	153	1.704	21.84	22.4	23.79	0.566	1.952	54.31	12.22	46.13	889	0
8/15/2014 6:15	74199	15	227	1.31	153.2	13	2.485	141.8	7.57	5.303	153.1	2.698	22.46	22.75	23.74	0.298	1.281	52.58	12.3	68.4	889	0
8/15/2014 6:30	74200	15	227	1.604	161.2	12.66	2.578	151.8	8.08	5.017	156.2	3.043	23.42	23.29	23.6	-0.129	0.178	50.59	12.6	188	889	0
8/15/2014 6:45	74201	15	227	1.976	156.5	13	2.969	149.2	8.83	4.419	151.5	5.748	24.23	24.14	23.85	-0.09	-0.377	47.58	12.4	160.3	889	0
8/15/2014 7:00	74202	15	227	2.307	164	13.95	3.073	155.5	9.51	3.611	154.9	7.524	25.31	24.84	24.35	-0.471	-0.955	45.05	12.56	349	889	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/15/2014 7:15	74203	15	227	2.259	173	14.61	3.069	167.3	11.18	3.416	163.8	8.67	25.82	25.32	24.82	-0.497	-0.995	44.23	12.74	298.5	889	0
8/15/2014 7:30	74204	15	227	1.771	178.8	15.14	2.407	172.1	11.09	2.743	168.1	7.202	25.94	25.67	25.21	-0.274	-0.736	45.36	13.24	228.6	889	0
8/15/2014 7:45	74205	15	227	2.039	167.4	17.47	2.77	161.1	13.28	3.213	157.8	8.36	26.4	26.04	25.53	-0.366	-0.875	45.6	13.74	269	889	0
8/15/2014 8:00	74206	15	227	1.856	167.9	14.59	2.538	161.5	10.74	2.911	159.6	7.516	26.6	26.14	25.59	-0.46	-1.014	46.81	14.32	331.4	889	0
8/15/2014 8:15	74207	15	227	1.948	184	16.82	2.695	176.2	12.03	3.227	172.6	9.58	27.19	26.51	25.93	-0.685	-1.262	46.95	14.91	434	889	0
8/15/2014 8:30	74208	15	227	1.808	190.4	21.66	2.43	183	18.66	2.897	172.4	12.42	27.54	26.97	26.4	-0.567	-1.14	45.53	14.74	412	889	0
8/15/2014 8:45	74209	15	227	2.113	177.7	17.64	2.847	171.4	13.01	3.392	174.9	10.17	28.15	27.52	26.87	-0.632	-1.281	43.77	14.69	452.5	889	0
8/15/2014 9:00	74210	15	227	1.938	203.3	25.37	2.461	197.7	18.19	2.935	188.7	11.8	28.73	27.92	27.25	-0.81	-1.48	43.72	15.19	676.2	889	0
8/15/2014 9:15	74211	15	227	2.31	194.9	20.26	2.932	192	15.27	3.34	191.6	12.31	29.37	28.52	27.86	-0.852	-1.512	41.74	15.04	760.4	889	0
8/15/2014 9:30	74212	15	227	2.334	196.6	23.97	3.043	193	22.14	3.429	192.4	14.65	30	29	28.3	-0.997	-1.693	40.23	15.03	898	889	0
8/15/2014 9:45	74213	15	227	2.365	199.7	23.31	3.042	194.7	19.66	3.361	191.7	17.09	30.44	29.34	28.65	-1.097	-1.786	39.51	15.15	852	889	0
8/15/2014 10:00	74214	15	227	2.399	216.3	22.44	3.09	209.3	19.77	3.716	209.5	17.03	30.67	29.7	28.98	-0.969	-1.689	39.21	15.23	828	889	0
8/15/2014 10:15	74215	15	227	1.991	214.8	25.4	2.462	207.5	19.74	2.936	210.6	14.26	30.78	30.1	29.31	-0.682	-1.471	38.85	15.19	659.2	889	0
8/15/2014 10:30	74216	15	227	2.295	212.7	23.44	2.991	208.8	19.53	3.543	209.8	13.11	31.19	30.53	29.77	-0.656	-1.418	37.82	15.13	729.9	889	0
8/15/2014 10:45	74217	15	227	2.875	218	22.36	3.971	213	18.68	4.326	211	11.21	31.73	30.76	30.02	-0.973	-1.708	36.52	15.07	767.2	888	0
8/15/2014 11:00	74218	15	227	2.437	220	31.51	3.162	217	27.16	3.999	217.2	12.61	31.96	30.95	30.13	-1.006	-1.829	35.96	15.02	1076	888	0
8/15/2014 11:15	74219	15	227	2.476	228.4	23.84	3.256	226.1	18.71	3.69	226.5	13.32	32.26	31.13	30.47	-1.128	-1.782	34.36	14.58	972	888	0
8/15/2014 11:30	74220	15	227	2.671	210.3	26.04	3.549	206.7	20.82	4.086	208.8	14.76	32.66	31.5	30.69	-1.158	-1.973	33.77	14.66	928	888	0
8/15/2014 11:45	74221	15	227	2.038	214.6	43.37	2.471	204.9	34.21	2.788	208.8	23.29	32.84	31.96	31.1	-0.878	-1.741	32.07	14.01	1133	888	0
8/15/2014 12:00	74222	15	227	2.245	254	46.8	2.884	252.9	43.55	3.366	241.9	39.75	33.27	32.29	31.58	-0.974	-1.69	31.58	14.16	1150	888	0
8/15/2014 12:15	74223	15	227	2.554	296.5	31.97	3.054	291.4	27.87	3.053	286.7	22.88	33.43	32.72	31.99	-0.711	-1.448	30.48	13.75	772.8	887	0
8/15/2014 12:30	74224	15	227	2.437	258	30.49	3.204	259	22.65	3.52	262.1	19.06	33.74	32.78	32.17	-0.953	-1.571	29.63	13.57	1119	887	0
8/15/2014 12:45	74225	15	227	2.76	254.1	28.24	3.589	254	30.65	3.85	254.3	28.51	34.1	33.16	32.3	-0.941	-1.802	28.61	13.36	1055	887	0
8/15/2014 13:00	74226	15	227	2.084	271	39.14	2.578	266.1	30.73	3.213	265.7	20.35	34.12	33.13	32.48	-0.99	-1.64	26.57	12.23	1188	887	0
8/15/2014 13:15	74227	15	227	1.921	288.7	40.87	2.519	283.2	34.82	2.727	279.4	41.84	34.71	33.69	32.85	-1.022	-1.864	26.73	12.83	1265	887	0
8/15/2014 13:30	74228	15	227	2.272	284.8	31.24	3.001	280.1	25.95	3.467	275	22.62	35.04	33.92	33.12	-1.119	-1.914	26.04	12.69	1173	886	0
8/15/2014 13:45	74229	15	227	2.156	250.2	47.67	2.666	242.1	46.35	2.981	242.8	35.38	35.04	34	33.25	-1.038	-1.791	25.22	12.21	1146	886	0
8/15/2014 14:00	74230	15	227	1.992	281.4	38.67	2.489	281.4	31.68	2.664	277.6	27.99	34.6	33.86	33.2	-0.739	-1.398	26.48	12.58	705.4	886	0
8/15/2014 14:15	74231	15	227	1.905	253.7	56.59	2.452	245	40.22	2.938	245.7	35.78	34.73	34.01	33.33	-0.726	-1.397	28.05	13.59	951	886	0
8/15/2014 14:30	74232	15	227	3.268	261.7	16.59	4.819	258.3	12.08	5.465	251.3	10.54	35.71	34.35	33.48	-1.359	-2.231	27.16	13.92	1107	886	0
8/15/2014 14:45	74233	15	227	4.186	204.9	35.34	6.041	197.1	35.77	7.441	190.9	36.55	34.01	33.22	32.43	-0.79	-1.588	29.41	13.65	333.3	886	0
8/15/2014 15:00	74234	15	227	7.631	178.8	12.8	11.15	172.3	9.55	13.81	169.6	7.177	30.46	29.82	29.02	-0.638	-1.443	38.77	14.83	272.2	886	0
8/15/2014 15:15	74235	15	227	5.428	165.6	13.51	7.572	160.3	9.02	9.05	160.5	6.368	30.08	29.37	28.64	-0.705	-1.435	44.33	16.62	317	886	0
8/15/2014 15:30	74236	15	227	3.594	116.6	53.06	5.159	114	52	6.483	118.9	46.34	28.96	28.58	28.2	-0.381	-0.765	46.79	16.42	227.5	887	0
8/15/2014 15:45	74237	15	227	4.585	59.53	18.04	6.899	56.23	14.34	9	51.44	9.31	26.87	26.25	26.46	-0.616	-0.403	54.25	16.86	247.3	887	0
8/15/2014 16:00	74238	15	227	4.169	39.45	31.61	6.288	35.63	30.07	8.15	35.96	29.6	27.07	26.59	27.21	-0.477	0.145	52.67	16.58	149.5	887	0
8/15/2014 16:15	74239	15	227	4.752	3.87	21.6	7.483	1.08	16.46	9.94	355.8	14.58	27.05	26.79	27.33	-0.253	0.288	50.56	15.86	89.4	887	0
8/15/2014 16:30	74240	15	227	2.414	332.3	29.44	3.501	331.6	23.53	4.872	335.1	15.73	27.82	27.75	27.59	-0.074	-0.232	42.83	14.05	59.11	886	0
8/15/2014 16:45	74241	15	227	2.323	322.4	18.96	3.376	319.5	13.64	5.151	310.8	8.81	26.53	26.52	27.13	-0.015	0.593	49.72	15.17	44.4	886	0
8/15/2014 17:00	74242	15	227	1.142	107	82.8	1.519	91	82.2	1.825	323.6	63.33	25.53	25.54	25.77	0.008	0.244	57.82	16.62	50.25	886	0
8/15/2014 17:15	74243	15	227	1.16	318.7	41.5	1.612	300.9	17.69	2.299	292.6	6.417	26.6	26.87	29.18	0.275	2.588	55.48	16.97	90.8	886	0
8/15/2014 17:30	74244	15	227	0.699	139.2	42.46	0.743	137.5	65.41	0.789	272.3	25.87	28.34	28.16	30.69	-0.179	2.354	49.8	16.86	308	885	0
8/15/2014 17:45	74245	15	227	0.858	174.4	44.76	1	170.3	33.16	0.658	159.1	75.71	30.27	30.1	30.52	-0.173	0.245	43.97	16.67	345.2	885	0
8/15/2014 18:00	74246	15	227	1.489	204	13.91	2.165	195.5	9.25	2.166	204.8	12.94	29.84	30.04	30.17	0.2	0.33	44.52	16.48	108.2	885	0
8/15/2014 18:15	74247	15	227	0.921	200.9	14.4	1.575	192.4	11.03	2.617	191.1	12.15	29.86	30.24	30.4	0.38	0.537	45.34	16.78	67.71	886	0
8/15/2014 18:30	74248	15	227	0.541	245.5	32.96	1.082	206.4	21.12	1.928	196	17.32	29.44	30.27	30.25	0.833	0.81	47.52	17.13	19.63	886	0
8/15/2014 18:45	74249	15	227	0.732	278.5	57.45	1.384	230.1	19.72	2.406	212.5	15.04	28.37	30.01	30.18	1.636	1.81	51.39	17.4	5.644	886	0
8/15/2014 19:00	74250	15	227	1.091	172.4	17.14	2.568	178.8	14.61	3.48	186.2	6.662	27.49	29.65	30.06	2.16	2.572	53.12	17.11	1.438	886	0
8/15/2014 19:15	74251	15	227	0.694	150.6	16.41	2.49	170	9.16	3.962	185.7	7.792	26.7	28.87	30.22	2.171	3.521	54.63	16.83	0.841	886	0
8/15/2014 19:30	74252	15	227	0.593	21.45	30.84	1.093	185.6	10.89	3.382	191.9	3.677	25.65	28.29	30.06	2.644	4.406	59.62	17.22	0.89	886	0
8/15/2014 19:45	74253	15	227	0.744	282.3	27.68	1.805	265.3	23.98	3.245	241.7	14.62	26.63	28.55	29.61	1.923	2.975	54.93	16.8	0.883	887	0
8/15/2014 20:00	74254	15	227	1.016	324	18.83	1.763	294.7	11.13	3.193	268.9	11.33	25.82	27.99	29.02	2.178	3.202	57.08	16.69	0.712	887	0
8/15/2014 20:15	74255	15	227	1.165	42.51	17.96	2.544	14.72	24.59	2.94	331.2	21.54	25.02	26.41	28.12	1.389	3.104	63.89	17.71	0.868	887	0
8/15/2014 20:30	74256	15	227	0.853	17.27	23.62	2.176	22.9	8.1	2.236	327.5	7.076	24.84	26.38	28.2	1.545	3.361	72.65	19.61	0.636	887	0
8/15/2014 20:45	74257	15	227	0.895	47.94	8.98	2.21	23.65	4.138	1.227	319.3	17.69	25.02	27.28	28.59	2.261	3.572	72.91	19.84	0.521	887	0
8/15/2014 21:00	74258	15	227	0.73	153.9	49.57	1.079	99.4	44.82	1.519	228.3	27.36	24.97	26.96	28.55	1.999	3.58	71.97	19.58	0.507	887	0
8/15/2014 21:15	74259	15	227	0.4	76.49	61.78	0.927	107.6	19.95	1.441	202.9	11.2	24.96	26.28	28.17	1.316	3.21	71.54	19.48	0.517	887	0
8/15/2014 21:30	74260	15	227	0.997	4.679	35.77	1.251	12.95	60.2	1.063	271.8	45.13	24.91	27.5	27.92	2.595	3.01	72.19	19.57	0.505	887	0
8/15/2014 21:45	74261	15	227	1.186	325.1	11.82	2.25	317	12.14	2.203	291.2	5.468	25.58	27.56	27.81	1.972	2.227	67.7	19.18	0.6	887	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/15/2014 22:00	74262	15	227	1.064	340.3	21.29	1.954	308.2	17.01	2.457	292.6	12.01	26.02	27.48	27.79	1.462	1.77	63.55	18.59	0.723	887	0
8/15/2014 22:15	74263	15	227	1.188	340.5	13.94	2.488	322	8.78	3.143	306.9	3.649	26.04	26.9	27.63	0.868	1.591	62.43	18.32	0.789	887	0
8/15/2014 22:30	74264	15	227	1.092	19.9	27.92	2.243	1.857	16.63	3.851	324.8	5.483	25.45	25.84	27.68	0.384	2.224	68.47	19.23	0.944	887	0
8/15/2014 22:45	74265	15	227	1.242	20.43	14.67	2.878	8.38	8.02	4.647	337.3	13.06	24.95	25.83	27.58	0.883	2.635	74.06	20.02	0.947	888	0
8/15/2014 23:00	74266	15	227	1.704	27.34	13.42	3.219	21.99	7.271	5.896	6.767	3.118	24.9	25.19	26.92	0.284	2.022	75.87	20.37	1.142	888	0
8/15/2014 23:15	74267	15	227	2.607	28.95	14.29	4.648	24.79	8.46	8.55	22	4.819	25.15	25.48	26.56	0.335	1.409	66.36	18.43	1.281	887	0
8/15/2014 23:30	74268	15	227	2.794	20.19	21.51	4.863	16.93	17	8.24	17.75	13.37	24.88	25.16	25.81	0.273	0.928	60.47	16.73	1.471	887	0
8/15/2014 23:45	74269	15	227	2.81	7.364	18	4.668	4.724	14.17	8.47	4.904	8.53	24.23	24.46	25.24	0.23	1.004	61.98	16.51	1.308	887	0
8/16/2014 0:00	74270	15	228	2.306	27.48	13.04	3.967	22.56	7.945	7.349	15.43	4.125	23.79	24.1	24.97	0.315	1.179	62.56	16.23	1.287	887	0
8/16/2014 0:15	74271	15	228	2.126	40.16	14.6	4.089	34.19	8.37	7.232	27.77	6.309	23.38	23.84	24.77	0.451	1.381	63.66	16.12	1.26	887	0
8/16/2014 0:30	74272	15	228	1.987	51.96	13.03	3.7	48.59	6.947	7.23	40.57	3.557	23.23	23.64	24.75	0.419	1.522	63.85	16.02	1.323	887	0
8/16/2014 0:45	74273	15	228	1.302	42.81	17.55	2.732	44.02	10.74	6.187	43.11	4.311	22.94	23.5	24.57	0.561	1.637	64.86	15.99	1.165	888	0
8/16/2014 1:00	74274	15	228	1.255	3.593	21.58	2.777	14.49	11.26	5.664	29.47	2.98	22.7	23.52	24.62	0.814	1.919	66.38	16.13	0.945	888	0
8/16/2014 1:15	74275	15	228	1.235	215.2	38.21	1.645	246.4	66.14	2.202	57.6	57.56	22.19	23.2	23.98	1.015	1.79	69.93	16.46	0.65	888	0
8/16/2014 1:30	74276	15	228	0.927	107.9	40.03	1.806	120.1	29.22	2.826	93	23.96	22.64	23.78	23.92	1.141	1.279	68.52	16.57	0.68	888	0
8/16/2014 1:45	74277	15	228	0.743	103.9	36.36	1.946	98.2	12.7	3.515	86.4	8.9	22.59	23.72	24.08	1.131	1.494	68.48	16.51	0.724	888	0
8/16/2014 2:00	74278	15	228	1.408	83.1	13.63	2.929	82.3	9.65	4.32	78.71	6.537	22.46	23.77	24	1.311	1.547	67.8	16.23	0.809	887	0
8/16/2014 2:15	74279	15	228	1.349	88.2	13.17	3.073	85.1	8.15	4.983	83.7	5.999	22.21	23.27	24.15	1.062	1.937	67.52	15.93	0.979	887	0
8/16/2014 2:30	74280	15	228	1.096	42.99	20.58	2.589	57.84	13.48	4.263	76.36	9.11	21.68	22.64	24.18	0.951	2.492	69.87	15.96	0.917	887	0
8/16/2014 2:45	74281	15	228	1.2	65.54	11.7	2.951	65.28	4.774	5.168	73.34	4.101	21.04	22.05	24.27	1.008	3.223	74.96	16.45	0.948	887	0
8/16/2014 3:00	74282	15	228	1.614	90.4	15.03	3.511	84.8	10.08	5.595	87.7	10.25	21.38	22.29	24.7	0.909	3.32	75.43	16.87	1.05	887	0
8/16/2014 3:15	74283	15	228	1.046	83.7	49.83	2.185	85.7	17.21	3.596	106.3	5.372	21.97	22.68	25.1	0.709	3.133	71.01	16.49	0.808	887	0
8/16/2014 3:30	74284	15	228	1.73	314.9	20.96	1.98	313.1	19.36	2.278	328.8	60.16	21.32	21.79	22.72	0.471	1.398	75.7	16.87	0.601	887	0
8/16/2014 3:45	74285	15	228	2.214	317.8	10.47	3.516	315.3	6.969	5.914	316	5.254	21.23	21.4	22.23	0.163	0.999	78.8	17.42	1.186	887	0
8/16/2014 4:00	74286	15	228	1.407	352	15.51	2.673	343.8	11.87	5.619	338.2	6.124	21.03	21.18	22.78	0.142	1.745	80.2	17.5	1.006	887	0
8/16/2014 4:15	74287	15	228	1.221	8.46	15.66	2.39	359.1	13.3	5.281	349.9	7.074	21.32	21.43	22.96	0.104	1.636	78.66	17.48	0.962	888	0
8/16/2014 4:30	74288	15	228	0.974	5.146	18.91	1.831	0.067	13.53	4.646	355.1	5.539	21.35	21.38	22.65	0.025	1.301	78.84	17.55	0.917	888	0
8/16/2014 4:45	74289	15	228	1.428	333.9	11.48	2.621	332.7	7.571	5.391	339.2	2.686	21.57	21.6	22.69	0.033	1.121	77.63	17.51	1.109	888	0
8/16/2014 5:00	74290	15	228	1.465	343.8	14.95	2.547	338.7	10	5.885	341.2	3.229	21.64	21.65	22.8	0.007	1.164	76.82	17.41	1.101	888	0
8/16/2014 5:15	74291	15	228	1.26	0.804	15.85	2.22	355.1	11.33	5.86	348.4	2.376	21.65	21.64	22.76	-0.009	1.104	76.76	17.41	1.38	888	0
8/16/2014 5:30	74292	15	228	0.949	9.19	16.6	1.816	1.504	12.43	4.983	345.6	2.742	21.69	21.7	22.43	0.01	0.747	77.03	17.5	3.291	888	0
8/16/2014 5:45	74293	15	228	0.619	12.19	23.7	1.389	6.487	15.06	4.158	343.8	3.668	21.77	21.79	22.34	0.013	0.565	77.34	17.65	8.37	888	0
8/16/2014 6:00	74294	15	228	0.744	354.6	15.7	1.401	349.5	8.57	3.919	336.4	1.77	21.9	21.89	22.33	-0.003	0.432	77	17.7	17.24	888	0
8/16/2014 6:15	74295	15	228	0.902	353.7	16.02	1.729	345.5	11.33	4.234	336.5	3.968	21.93	21.95	22.51	0.024	0.581	77.33	17.8	32.86	888	0
8/16/2014 6:30	74296	15	228	0.764	9.5	16.53	1.311	0.859	12.47	3.523	342.3	2.596	22.25	22.15	22.55	-0.104	0.3	75.63	17.76	72.98	888	0
8/16/2014 6:45	74297	15	228	0.826	15.71	17.37	1.084	13.45	17.38	2.583	346.8	10.63	22.82	22.61	22.57	-0.204	-0.249	72.19	17.56	116.6	888	0
8/16/2014 7:00	74298	15	228	1.022	25.76	19.04	1.335	21.11	14.37	1.799	4.118	15.38	23.26	23.01	22.61	-0.252	-0.654	69.31	17.34	145.7	889	0
8/16/2014 7:15	74299	15	228	1.267	25.7	17.91	1.84	23.72	10.64	2.445	18.04	8.73	23.66	23.33	22.89	-0.327	-0.766	67.01	17.19	168.6	889	0
8/16/2014 7:30	74300	15	228	1.971	26.75	17.18	2.892	24.81	9.29	3.778	18.47	8.01	24.1	23.79	23.3	-0.308	-0.799	64.25	16.94	176.6	889	0
8/16/2014 7:45	74301	15	228	2.331	43.88	19.5	3.452	38.16	13.63	4.213	34.26	11.55	24.53	24.19	23.66	-0.338	-0.865	61.89	16.76	268.3	889	0
8/16/2014 8:00	74302	15	228	2.147	53.71	19.7	2.899	50.94	13.26	3.383	50.87	13.14	25.52	24.7	24.23	-0.817	-1.294	57.62	16.56	496.2	889	0
8/16/2014 8:15	74303	15	228	2.569	46.48	21.83	3.665	40.01	16.38	4.396	38.76	16.31	26.4	25.49	24.79	-0.906	-1.607	54.64	16.54	633.9	889	0
8/16/2014 8:30	74304	15	228	2.813	32.92	27.79	4.035	28.65	24.84	4.689	25.15	21.79	27.19	26.1	25.33	-1.09	-1.854	51.19	16.25	749.2	889	0
8/16/2014 8:45	74305	15	228	2.676	35.7	24.89	3.712	30.05	21.72	4.223	27.08	17.06	27.62	26.63	25.96	-0.987	-1.661	50.03	16.29	773.6	889	0
8/16/2014 9:00	74306	15	228	2.141	17.51	35.19	2.966	18.97	26.55	3.646	14.6	22.75	28.12	27.13	26.38	-0.996	-1.738	48.07	16.12	813	889	0
8/16/2014 9:15	74307	15	228	1.82	25.29	37.6	2.44	13.82	24.52	2.904	15.71	20.19	28.75	27.71	26.9	-1.033	-1.846	45.81	15.94	875	889	0
8/16/2014 9:30	74308	15	228	1.379	44.58	46.62	1.863	38.49	36.25	2.56	16.98	27.14	28.92	27.98	27.26	-0.933	-1.653	45.3	15.91	899	889	0
8/16/2014 9:45	74309	15	228	2.371	339.6	30.01	3.199	335	22.27	3.739	326.9	15.52	29.58	28.49	27.73	-1.086	-1.852	42.06	15.35	928	889	0
8/16/2014 10:00	74310	15	228	2.213	350.8	39.24	2.847	347.7	30.49	3.337	341.7	29.87	29.99	28.88	28.14	-1.11	-1.848	40.68	15.2	1014	889	0
8/16/2014 10:15	74311	15	228	2.173	338.8	39.64	2.908	341.3	33.82	3.397	334.9	22.63	30.48	29.25	28.45	-1.233	-2.035	39.35	15.12	1047	889	0
8/16/2014 10:30	74312	15	228	2.424	305.4	28.1	2.739	305	21.28	2.885	310.6	14.53	30.7	29.72	28.96	-0.977	-1.731	38.02	14.78	1080	889	0
8/16/2014 10:45	74313	15	228	2.247	300.1	29.17	2.616	301.5	23.54	2.819	302.8	22.93	30.83	29.89	29.08	-0.948	-1.756	37.49	14.68	1110	889	0
8/16/2014 11:00	74314	15	228	1.942	312.1	44.46	2.355	310.3	30.62	2.498	301.6	25.2	31.17	30.18	29.39	-0.994	-1.778	36.23	14.44	1137	889	0
8/16/2014 11:15	74315	15	228	1.475	327.3	41.11	1.813	325.5	30.69	2.381	331	27.03	31.23	30.48	29.69	-0.758	-1.541	35.45	14.17	1162	889	0
8/16/2014 11:30	74316	15	228	1.945	314.9	39.1	2.3	313.7	30.28	2.508	315.5	26.14	31.89	30.91	30.16	-0.981	-1.733	34.59	14.36	1193	889	0
8/16/2014 11:45	74317	15	228	1.743	20.71	51.62	2.152	20.66	47.89	2.7	24.04	35.52	32.42	31.28	30.32	-1.133	-2.094	32.82	14.01	1219	888	0
8/16/2014 12:00	74318	15	228	1.752	307.1	49.03	1.998	301.3	47.81	2.332	309.7	46.93	32.5	31.69	30.71	-0.815	-1.79	32.85	14.1	1190	888	0
8/16/2014 12:15	74319	15	228	2.264	275.3	45.07	2.521	277	45.57	2.576	285.7	39.58	32.77	31.7	30.94	-1.078	-1.839	31.02	13.45	1185	888	0
8/16/2014 12:30	74320	15	228	1.746	284.9	59.21	2.079	278	64.62	2.328	271.6	55.96	32.87	32.03	31.27	-0.838	-1.596	29.51	12.76	1182	888	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/16/2014 12:45	74321	15	228	1.978	320.1	54.66	2.357	323.5	49.42	2.274	302.5	30.7	32.9	32.1	31.47	-0.793	-1.429	29.75	12.92	903	888	0
8/16/2014 13:00	74322	15	228	2.28	315.6	44.71	2.687	315	42.22	2.993	312.6	32.3	33.61	32.59	31.89	-1.021	-1.718	28.67	12.96	1268	888	0
8/16/2014 13:15	74323	15	228	2.693	307.2	29.32	2.953	304.5	20.94	2.987	307.9	18.23	33.57	32.42	31.8	-1.145	-1.764	28.23	12.69	946	887	0
8/16/2014 13:30	74324	15	228	1.858	22.37	51.68	2.54	12.49	45.01	3.235	11.23	39.15	33.71	32.81	31.99	-0.898	-1.72	28.06	12.72	869	887	0
8/16/2014 13:45	74325	15	228	2.711	345.7	29.95	3.65	342.8	27.42	3.981	337.1	25.42	33.52	32.6	31.8	-0.918	-1.722	27.8	12.42	661	887	0
8/16/2014 14:00	74326	15	228	1.694	243.3	78.64	1.936	245.9	75.5	1.647	274.1	71.2	33.13	32.54	31.99	-0.591	-1.133	27.26	11.79	678.3	887	0
8/16/2014 14:15	74327	15	228	1.678	327.6	55.94	2.26	314.4	52.59	2.806	313.3	50.14	33.73	33.03	32.29	-0.698	-1.44	27.35	12.34	802	887	0
8/16/2014 14:30	74328	15	228	1.932	348.3	25.73	2.521	351.1	24.85	2.871	347.5	22.56	33.79	32.9	32.15	-0.896	-1.64	26.92	12.16	762.4	887	0
8/16/2014 14:45	74329	15	228	1.698	350.1	44.27	2.283	346.8	39.09	2.607	339.1	31.64	33.78	33.13	32.44	-0.652	-1.346	27.31	12.37	710.5	887	0
8/16/2014 15:00	74330	15	228	1.454	295.2	64.49	1.787	289.8	53.25	1.825	306.8	47.35	33.7	33.21	32.65	-0.492	-1.048	27.77	12.56	629.6	887	0
8/16/2014 15:15	74331	15	228	1.339	13.08	62.88	1.767	16.65	47.85	2.16	358.9	53.61	33.81	33.27	32.54	-0.541	-1.271	27.68	12.6	743.2	887	0
8/16/2014 15:30	74332	15	228	1.984	33.17	60.06	2.715	24.31	45.09	3.358	19.94	30.61	34.01	33.32	32.65	-0.691	-1.368	28.02	12.96	585	886	0
8/16/2014 15:45	74333	15	228	2.167	32.74	66.66	2.647	31.09	58.17	3.029	32.92	51.15	33.85	33.19	32.59	-0.663	-1.267	28.18	12.91	552.2	886	0
8/16/2014 16:00	74334	15	228	2.455	111.7	30.9	3.27	107	28.04	3.479	100.8	27.24	33.54	32.96	32.42	-0.581	-1.12	29.48	13.33	366.3	886	0
8/16/2014 16:15	74335	15	228	2.004	125.8	34.21	2.663	117.2	32.69	3.402	106.9	28.82	33.44	33	32.46	-0.434	-0.978	29.74	13.38	345.9	886	0
8/16/2014 16:30	74336	15	228	1.907	51.9	31.86	2.718	43.03	19.61	3.097	37.23	11.93	33.63	33.15	32.57	-0.485	-1.064	28.59	12.94	417	886	0
8/16/2014 16:45	74337	15	228	1.75	19.5	33.84	2.478	19.18	23.09	2.851	15.17	18.81	33.71	33.24	32.66	-0.471	-1.058	28.39	12.9	512.1	886	0
8/16/2014 17:00	74338	15	228	2.501	3.998	20.64	3.607	2.206	15.22	4.192	359.9	14.09	33.95	33.46	32.86	-0.487	-1.088	27.7	12.73	368.3	886	0
8/16/2014 17:15	74339	15	228	4.053	6.741	21.62	6.109	3.63	17.68	7.537	0.772	14.01	32.93	32.5	31.81	-0.432	-1.119	29.67	12.86	289.6	886	0
8/16/2014 17:30	74340	15	228	5.696	2.114	17.91	8.49	358	16.7	10.94	354.6	15.13	29.76	29.39	28.78	-0.378	-0.981	36.05	13.13	146.9	887	0
8/16/2014 17:45	74341	15	228	4.444	2.053	19.25	6.682	357.8	15.23	9.01	353.1	13.55	29.65	29.37	28.82	-0.283	-0.833	37.58	13.66	114.3	887	0
8/16/2014 18:00	74342	15	228	3.71	8.69	19.57	6.027	3.232	15.19	8.37	357.9	13.91	29.22	29.14	30.51	-0.085	1.288	42.78	15.25	138.4	887	0
8/16/2014 18:15	74343	15	228	3.566	354.2	16.93	5.507	348.9	13.35	6.927	342.2	9.74	31.3	31.45	31.56	0.143	0.256	29.34	11.19	77.24	887	0
8/16/2014 18:30	74344	15	228	2.196	74.26	39.56	3.732	61.12	31.52	4.615	47.72	28.52	28.7	30.3	31.31	1.599	2.605	37.52	12.52	43.99	886	0
8/16/2014 18:45	74345	15	228	2.732	102	18.76	4.688	101.2	17.42	5.374	99.4	15.03	29.13	31.27	32.23	2.141	3.104	35.52	12.23	6.492	886	0
8/16/2014 19:00	74346	15	228	2.409	24.71	31.21	4.244	28.78	34.56	5.774	33.83	36.71	28.21	29.42	30.7	1.21	2.489	41.16	13.74	1.486	887	0
8/16/2014 19:15	74347	15	228	1.432	7.614	29.01	2.648	359.6	21.05	4.695	4.695	10.32	26.76	27.73	28.97	0.971	2.207	48.31	14.95	0.899	887	0
8/16/2014 19:30	74348	15	228	1.345	23.94	12.91	3.327	11.8	10.66	4.804	21.65	6.844	25.43	27.02	28.43	1.591	3.007	54.19	15.5	0.959	887	0
8/16/2014 19:45	74349	15	228	1.759	28.39	14.93	3.973	26.87	7.911	6.91	28.29	5.583	24.87	26.09	28.54	1.213	3.666	60.3	16.67	1.126	887	0
8/16/2014 20:00	74350	15	228	2.246	45.38	13.65	4.134	39.78	7.333	7.434	33.8	4.033	25.83	26.42	27.47	0.596	1.65	56.51	16.54	1.36	888	0
8/16/2014 20:15	74351	15	228	1.799	54.36	11.89	3.578	50.84	5.675	7.404	49.66	2.712	25.27	25.89	27.85	0.628	2.587	59.02	16.7	1.31	888	0
8/16/2014 20:30	74352	15	228	2.208	81	25.07	4.285	76.49	20.55	7.112	69.6	21.57	25.04	26.06	28.95	1.018	3.903	60.18	16.8	1.411	888	0
8/16/2014 20:45	74353	15	228	3.203	143.9	18.37	5.297	139	14.1	8.31	143.5	9.08	26.22	26.67	27.03	0.453	0.815	53.44	16.03	1.386	888	0
8/16/2014 21:00	74354	15	228	3.961	157.5	12.39	6.089	151.2	8.65	8.64	150.9	5.621	26.29	26.56	26.46	0.272	0.169	52.9	15.94	1.498	889	0
8/16/2014 21:15	74355	15	228	3.614	160.6	13.08	5.368	154.7	8.14	7.6	153.4	5.051	25.89	26.14	25.99	0.248	0.1	53.96	15.88	1.166	889	0
8/16/2014 21:30	74356	15	228	2.575	160.9	11.19	4.084	154.7	6.847	6.281	154.5	5.043	25.31	25.67	25.67	0.356	0.361	56.67	16.11	1.033	889	0
8/16/2014 21:45	74357	15	228	2.095	161	16.5	3.57	154.5	10.81	5.667	153.9	6.749	24.9	25.32	25.38	0.415	0.48	58.82	16.31	1.219	889	0
8/16/2014 22:00	74358	15	228	1.57	172.1	10.46	2.835	165.3	6.67	5.094	166.7	4.72	24.48	25.09	25.36	0.609	0.873	60.85	16.45	1.022	889	0
8/16/2014 22:15	74359	15	228	1.276	168.1	10.89	2.737	167.4	5.696	4.999	176.1	3.732	23.95	24.94	25.47	0.99	1.521	62.97	16.48	1.105	889	0
8/16/2014 22:30	74360	15	228	1.053	166.7	20.72	2.452	169.2	8.53	4.841	181.7	6.027	23.49	24.65	25.65	1.159	2.162	64.72	16.48	0.8	888	0
8/16/2014 22:45	74361	15	228	0.808	109	9.04	2.074	135.1	10.3	3.69	174.1	5.894	22.71	24.36	25.5	1.642	2.786	68.22	16.57	0.735	888	0
8/16/2014 23:00	74362	15	228	0.949	125	14.47	2.749	134.5	5.805	3.676	163.7	6.42	22.31	24.58	25.51	2.27	3.205	70.12	16.62	0.825	888	0
8/16/2014 23:15	74363	15	228	1.33	112.3	16.09	3.27	116.9	6.67	3.851	150.9	4.417	22.45	23.97	25.38	1.511	2.922	70.3	16.79	0.904	888	0
8/16/2014 23:30	74364	15	228	0.729	53.69	23.7	2.039	83.9	14.15	2.409	170.6	5.569	22.32	23.6	25.67	1.277	3.351	69.66	16.52	0.668	888	0
8/16/2014 23:45	74365	15	228	2.324	0.45	31.8	3.783	17.08	44.67	4.106	149.8	98	21.87	22.88	24.85	1.007	2.972	73.21	16.88	0.885	889	0
8/17/2014 0:00	74366	15	229	3.494	348.2	17.05	5.408	345.6	11.94	8.61	340.5	7.617	24.14	24.27	24.47	0.128	0.329	65.16	17.19	1.4	889	0
8/17/2014 0:15	74367	15	229	5.612	8.38	18.39	8.49	3.922	15.29	11.82	359.2	12.93	23.62	23.65	23.44	0.025	-0.184	61.67	15.85	1.774	889	0
8/17/2014 0:30	74368	15	229	4.816	14.75	15.11	7.589	11.56	12.51	10.92	7.275	10.5	22.1	22.07	21.88	-0.035	-0.219	65.36	15.32	1.511	889	0
8/17/2014 0:45	74369	15	229	4.276	22.09	15.41	6.894	16.57	8.24	10.19	11.39	5.053	22.18	22.2	22.16	0.024	-0.024	64.69	15.23	1.602	889	0
8/17/2014 1:00	74370	15	229	4.047	18.07	15.87	6.63	14.76	8.1	9.93	9.17	4.235	22.09	22.12	22.07	0.037	-0.012	63.96	14.97	1.473	888	0
8/17/2014 1:15	74371	15	229	3.897	12.41	17.29	6.037	9.82	12.76	9.21	3.812	13.67	22.2	22.29	22.31	0.089	0.105	61.88	14.56	1.388	888	0
8/17/2014 1:30	74372	15	229	3.925	15.66	15.87	6.086	11.77	11.21	8.9	6.701	10.11	22.3	22.39	22.38	0.09	0.082	59.85	14.14	1.403	888	0
8/17/2014 1:45	74373	15	229	3.419	21.75	14.31	5.421	17.92	8.48	8.21	12.84	4.907	21.89	22	22.09	0.118	0.203	61.57	14.19	1.289	888	0
8/17/2014 2:00	74374	15	229	2.82	17.14	18	4.783	12.85	13.56	7.452	8.81	7.938	21.66	21.85	22.13	0.191	0.468	62.64	14.24	1.32	888	0
8/17/2014 2:15	74375	15	229	2.332	21.01	11.92	4.29	15.04	6.454	7.33	6.981	2.423	21.32	21.63	22.43	0.317	1.11	64.44	14.35	1.111	888	0
8/17/2014 2:30	74376	15	229	1.821	30.1	11.63	3.776	24.84	5.498	6.748	14.1	3.171	20.89	21.39	22.55	0.495	1.654	66.28	14.38	1.196	888	0
8/17/2014 2:45	74377	15	229	0.999	285.2	38.49	1.571	306.6	40.88	3.828	9.42	4.504	20.49	21.2	22.12	0.712	1.629	69.11	14.65	0.877	888	0
8/17/2014 3:00	74378	15	229	0.798	10.97	61.19	1.592	350.8	45.37	3.456	21.66	14.02	19.98	21.41	22.05	1.44	2.071	70.46	14.45	0.809	888	0
8/17/2014 3:15	74379	15	229	1.006	0.157	61.29	2.387	16.65	28.16	4.733	19.88	13.72	19.36	21.11	22.5	1.752	3.142	74.45	14.71	1.043	888	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/17/2014 3:30	74380	15	229	1.75	304.9	20.49	2.764	304.1	10.84	4.192	310.7	12.16	20.38	21.04	22.58	0.664	2.202	70.31	14.8	0.946	888	0
8/17/2014 3:45	74381	15	229	1.085	337.4	32.88	2.176	319.5	14.48	4.063	306.4	6.863	19.84	20.5	22.32	0.659	2.484	72.33	14.73	0.857	888	0
8/17/2014 4:00	74382	15	229	0.611	294.7	23.06	1.408	296	15.99	3.613	288.7	9.73	19.88	20.47	22.15	0.595	2.269	73.2	14.96	0.891	889	0
8/17/2014 4:15	74383	15	229	0.878	10.81	33.69	1.535	327.2	16.22	3.195	296.7	7.469	19.31	20.51	21.39	1.2	2.088	75.5	14.88	0.743	889	0
8/17/2014 4:30	74384	15	229	1.513	337.9	21.84	2.834	330.5	15.83	5.943	320.8	10.96	19.93	20.19	20.77	0.255	0.837	73.74	15.12	1.058	889	0
8/17/2014 4:45	74385	15	229	1.306	14.52	25.65	2.537	5.38	19.66	5.091	348.5	13.87	20.13	20.26	21	0.133	0.87	72.98	15.15	0.975	889	0
8/17/2014 5:00	74386	15	229	0.836	147	80.5	1.286	64.44	90.5	2.913	335.3	30.53	19.75	20.11	21.21	0.367	1.464	75.58	15.32	0.716	889	0
8/17/2014 5:15	74387	15	229	1.168	96.2	26.78	1.729	75.04	49.94	2.767	1.795	27.2	19.8	20.49	21.51	0.691	1.713	76.44	15.56	0.908	889	0
8/17/2014 5:30	74388	15	229	0.862	181.1	43.2	1.447	154.9	39.04	2.607	91.4	40.63	20.02	20.13	21	0.117	0.988	75.93	15.66	6.911	889	0
8/17/2014 5:45	74389	15	229	1.253	115.8	15	2.279	114.8	9.99	3.141	90.2	13.76	19.97	20.29	21.42	0.315	1.454	75.55	15.53	24.87	889	0
8/17/2014 6:00	74390	15	229	1.246	95.3	22	2.389	96.6	12.3	3.264	69.59	13.99	20.27	20.44	21.85	0.171	1.575	73.23	15.34	42.31	889	0
8/17/2014 6:15	74391	15	229	1.599	133.7	13.29	2.754	125.3	7.715	4.491	105.2	9.4	20.56	20.71	21.59	0.153	1.029	71.07	15.15	54.25	889	0
8/17/2014 6:30	74392	15	229	1.08	128.6	13.37	1.719	124.4	8.68	3.794	111.8	5.269	21.06	20.97	21.62	-0.093	0.553	69.23	15.23	113.9	889	0
8/17/2014 6:45	74393	15	229	1.103	146.6	33.03	1.466	138	24.3	2.237	124.7	21.26	22.18	21.83	21.62	-0.355	-0.561	64.17	15.1	271.8	889	0
8/17/2014 7:00	74394	15	229	1.025	210	41.72	1.232	197.5	34.97	1.381	180.6	31.78	23.1	22.62	22.15	-0.477	-0.951	60.81	15.13	366.6	890	0
8/17/2014 7:15	74395	15	229	1.591	221.4	29.25	2.131	218.1	25.24	2.505	211.8	23.2	23.78	23.18	22.56	-0.597	-1.215	58.36	15.13	377.2	890	0
8/17/2014 7:30	74396	15	229	1.965	219.1	21.21	2.56	212.3	17.05	2.943	207.5	12.13	24.4	23.54	22.8	-0.867	-1.604	57.73	15.55	572	890	0
8/17/2014 7:45	74397	15	229	2.822	173.3	34.24	3.842	166	31.49	4.502	160.6	30.85	25.03	24.23	23.57	-0.795	-1.455	53.76	15.02	445.3	890	0
8/17/2014 8:00	74398	15	229	2.377	154.4	23.28	3.195	147.1	18.37	3.733	143.6	14.45	25.12	24.53	23.89	-0.594	-1.233	52.77	14.82	316.9	890	0
8/17/2014 8:15	74399	15	229	1.659	122	21.27	2.273	119.2	11.34	2.547	125.1	12.12	25.04	24.51	23.93	-0.53	-1.107	53.94	15.08	331	890	0
8/17/2014 8:30	74400	15	229	0.963	149.7	62.96	1.142	135.7	60.99	1.397	121.9	56.26	25.82	25.15	24.56	-0.677	-1.26	52.45	15.37	764.9	890	0
8/17/2014 8:45	74401	15	229	1.814	100.9	62.55	2.217	98.5	56.41	2.653	105	36.78	27.12	26.18	25.44	-0.939	-1.678	48.23	15.25	906	890	0
8/17/2014 9:00	74402	15	229	2.273	97.4	26.51	3.004	94.4	24.64	3.704	95.7	21.79	28.14	27.16	26.37	-0.978	-1.766	44.12	14.79	789.9	890	0
8/17/2014 9:15	74403	15	229	1.84	68.35	39.86	2.389	64.92	34.69	2.831	70.62	28.6	28.43	27.3	26.6	-1.13	-1.828	42.38	14.44	905	890	0
8/17/2014 9:30	74404	15	229	1.725	81.6	73.27	2.068	76.7	66.94	2.53	74.52	55.67	28.64	27.78	27.03	-0.865	-1.61	42.13	14.53	967	890	0
8/17/2014 9:45	74405	15	229	2.313	336.9	27.41	2.847	337.3	21.31	3.249	341.2	21.35	27.79	26.66	25.96	-1.137	-1.83	47.22	15.54	899	890	0
8/17/2014 10:00	74406	15	229	2.839	319.8	22.28	3.652	317.6	16.73	4.047	317	12.2	28.45	27.16	26.44	-1.29	-2.003	46.4	15.86	984	890	0
8/17/2014 10:15	74407	15	229	2.695	330.6	26.09	3.342	327.4	24.52	3.682	318.2	18.73	29.66	28.27	27.38	-1.39	-2.274	42.27	15.5	1181	890	0
8/17/2014 10:30	74408	15	229	2.84	355	46.28	3.813	353.3	48.62	4.514	354.5	45.08	30.36	28.92	27.96	-1.445	-2.402	40.32	15.39	1166	890	0
8/17/2014 10:45	74409	15	229	2.816	26.72	31.27	3.746	25.29	25.48	4.544	24.8	19.12	30.36	28.91	28.07	-1.446	-2.282	39.49	15.07	980	889	0
8/17/2014 11:00	74410	15	229	3.283	53.23	21.8	4.406	47.81	16.48	4.917	43.18	12.95	29.7	28.52	27.72	-1.178	-1.979	40.82	15	605.8	889	0
8/17/2014 11:15	74411	15	229	2.906	36.58	20.6	3.95	34.43	14.52	4.677	33.55	13.33	29.64	28.5	27.83	-1.141	-1.814	41.15	15.07	707.7	889	0
8/17/2014 11:30	74412	15	229	2.711	20.94	23.03	3.778	17.63	16.61	4.237	15.08	14.52	29.6	28.44	27.74	-1.157	-1.851	41.33	15.09	668.8	889	0
8/17/2014 11:45	74413	15	229	2.585	12.6	33.21	3.558	9.88	28.41	4.055	5.428	21.75	29.74	28.77	28.05	-0.969	-1.689	40.9	15.06	573.8	889	0
8/17/2014 12:00	74414	15	229	2.372	38.32	22.12	3.369	31.71	15.39	3.917	26.65	13.2	30.03	29.08	28.34	-0.949	-1.69	40.94	15.33	572.1	889	0
8/17/2014 12:15	74415	15	229	2.058	10.05	21.65	2.744	9.96	18.76	2.855	14.78	25.79	30.02	29.07	28.28	-0.953	-1.737	40.81	15.28	665.3	889	0
8/17/2014 12:30	74416	15	229	1.797	303.7	33.54	2.125	309	27.1	2.293	313.7	34.53	31.02	30.07	29.3	-0.942	-1.718	39.74	15.75	1158	889	0
8/17/2014 12:45	74417	15	229	2.382	12.83	45	3.158	13.61	36.42	3.671	16.24	31.02	31.84	30.55	29.69	-1.297	-2.15	37.21	15.45	1171	888	0
8/17/2014 13:00	74418	15	229	2.323	59.69	43.68	3.084	53.22	34.64	3.604	45.28	23.33	31.54	30.45	29.81	-1.082	-1.722	36.26	14.78	944	888	0
8/17/2014 13:15	74419	15	229	2.867	42	20.42	3.958	38.84	14.93	4.506	37.06	11.97	32.67	31.2	30.19	-1.474	-2.484	33.42	14.51	1211	888	0
8/17/2014 13:30	74420	15	229	2.472	48.23	36.02	3.42	43.68	31.35	4.333	41.53	23.26	33	31.47	30.6	-1.532	-2.405	30.93	13.61	1211	888	0
8/17/2014 13:45	74421	15	229	2.536	13.6	44.29	3.34	13.26	33.16	4.018	13.09	27.66	32.95	31.85	30.96	-1.1	-1.988	31.05	13.62	963	888	0
8/17/2014 14:00	74422	15	229	2.614	9.21	27.01	3.469	5.547	19.3	3.699	0.58	16.65	32.68	31.53	30.76	-1.151	-1.927	30.89	13.31	834	887	0
8/17/2014 14:15	74423	15	229	2.661	352.7	33.11	3.616	349.2	24.56	4.411	346.7	22.4	33.13	31.81	30.99	-1.322	-2.141	30.98	13.74	1073	887	0
8/17/2014 14:30	74424	15	229	2.181	4.937	42.84	3.078	3.816	30.36	3.965	353.2	28.89	33.37	32.17	31.23	-1.2	-2.142	30.33	13.62	1041	887	0
8/17/2014 14:45	74425	15	229	2.431	5.017	36.38	3.283	359.5	32.72	4.189	359.9	21.31	33.91	32.72	31.73	-1.189	-2.18	28.2	12.96	1022	887	0
8/17/2014 15:00	74426	15	229	2.517	343.3	33.73	3.21	338.4	27.05	4.102	338.9	23.01	33.82	32.71	31.91	-1.106	-1.914	27.4	12.45	997	886	0
8/17/2014 15:15	74427	15	229	5.459	6.326	22.38	7.927	3.569	18.79	10.01	0.588	13.8	34.09	32.72	31.6	-1.378	-2.497	27.33	12.62	985	886	0
8/17/2014 15:30	74428	15	229	6.913	13.9	19.46	10.43	10.7	15.23	12.89	7.899	11.2	32.86	31.47	30.2	-1.395	-2.663	30.77	13.41	968	887	0
8/17/2014 15:45	74429	15	229	5.555	32.97	21.61	8.35	28.81	16.28	9.87	23.95	12.83	32.82	31.34	30.25	-1.487	-2.574	29.72	12.84	935	887	0
8/17/2014 16:00	74430	15	229	2.259	104.2	43.3	3.085	100.2	42.81	3.823	88.9	46.77	30.66	29.7	28.88	-0.951	-1.773	36.92	14.26	470.8	887	0
8/17/2014 16:15	74431	15	229	2.649	126.5	24.57	3.443	119.2	19.43	3.964	112.7	18.17	30.69	29.76	29.07	-0.938	-1.619	36.24	14.03	486.9	886	0
8/17/2014 16:30	74432	15	229	1.643	123.5	56.95	2.095	109.2	41.22	2.477	107	42.31	31.37	30.53	29.88	-0.845	-1.488	34.96	14.06	737.7	886	0
8/17/2014 16:45	74433	15	229	3.187	48.46	18.01	4.704	42.48	11.52	5.486	36.85	9.03	31.96	31.33	30.65	-0.623	-1.31	30.1	12.29	271.5	886	0
8/17/2014 17:00	74434	15	229	2.692	39.24	19.6	3.812	31.16	12.37	4.489	24.2	9.37	31.9	31.13	30.49	-0.772	-1.417	30.48	12.44	418.8	886	0
8/17/2014 17:15	74435	15	229	2.899	13.84	16.86	4.126	12.05	10.45	4.79	10.54	6.533	32.02	31.32	30.66	-0.702	-1.363	29.08	11.82	375.1	886	0
8/17/2014 17:30	74436	15	229	2.214	15.39	19.42	3.226	12.53	14.65	3.773	9.21	11.86	32.05	31.62	31.04	-0.437	-1.009	28.07	11.31	230.1	886	0
8/17/2014 17:45	74437	15	229	1.929	46.28	57.74	2.697	39.82	52.9	3.196	33.34	46.88	31.65	31.44	30.88	-0.207	-0.77	28.92	11.35	120.7	886	0
8/17/2014 18:00	74438	15	229	3.032	159	17.77	4.556	154.2	12.87	5.579	150.6	8.22	27.89	27.41	26.77	-0.483	-1.128	47.71	15.77	92.7	886	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/17/2014 18:15	74439	15	229	3.818	168.4	13.26	5.622	159.7	8.22	6.775	152.9	5.195	26.66	26.32	25.87	-0.346	-0.791	52.99	16.31	55.81	887	0
8/17/2014 18:30	74440	15	229	2.207	144.1	17.91	3.407	138.1	15.11	5.174	136.1	11.08	26.51	26.42	26.12	-0.099	-0.391	53.35	16.28	25.42	887	0
8/17/2014 18:45	74441	15	229	2.726	131.4	12.23	4.285	125	7.741	6.543	126.1	5.561	26.14	26.17	26.1	0.031	-0.031	54.92	16.38	4.859	887	0
8/17/2014 19:00	74442	15	229	2.138	138.3	12.09	3.426	131.5	7.291	6.122	135.6	3.898	25.9	26.11	26.51	0.209	0.609	54.14	15.94	1.467	887	0
8/17/2014 19:15	74443	15	229	2.117	127.5	12.25	3.598	122.4	7.233	6.319	125.8	4.447	25.63	25.86	26.28	0.237	0.655	54.34	15.75	1.203	887	0
8/17/2014 19:30	74444	15	229	2.402	123.4	12.99	4.05	118.4	8.25	6.835	124.1	5.839	25.31	25.51	26.1	0.194	0.79	55.75	15.85	1.11	887	0
8/17/2014 19:45	74445	15	229	2.602	130.6	11.16	4.208	124.9	6.491	7.134	137.3	5.95	24.83	25.01	26.74	0.181	1.903	57.62	15.92	1.24	888	0
8/17/2014 20:00	74446	15	229	2.861	155.9	22.25	4.487	148.2	18.51	6.698	142.4	12.67	24.44	24.55	24.48	0.118	0.042	58.88	15.89	1.289	888	0
8/17/2014 20:15	74447	15	229	2.415	188.3	16	3.662	180.5	11.52	4.9	173.1	12.48	23.97	24.11	23.86	0.141	-0.108	60.7	15.93	1.034	889	0
8/17/2014 20:30	74448	15	229	1.979	178.3	15.81	3.144	173	12.18	4.828	167.5	9.63	23.4	23.62	23.47	0.218	0.068	62.37	15.82	0.966	889	0
8/17/2014 20:45	74449	15	229	1.777	183.9	15.99	2.826	175	12.39	4.277	165.2	9.05	22.97	23.19	23.02	0.222	0.053	65.57	16.19	0.976	889	0
8/17/2014 21:00	74450	15	229	1.706	218	20.83	2.664	210.8	19.16	3.861	198.7	17.7	22.71	22.92	22.68	0.207	-0.027	68.33	16.59	1.043	889	0
8/17/2014 21:15	74451	15	229	1.461	202.7	21.96	2.345	198.9	16.3	3.947	195.2	10.15	22.47	22.7	22.59	0.232	0.128	70.39	16.83	0.8	889	0
8/17/2014 21:30	74452	15	229	1.133	195.8	37.69	1.823	200.1	26.11	3.064	200.8	13.61	21.98	22.65	22.51	0.666	0.532	72.47	16.82	0.914	889	0
8/17/2014 21:45	74453	15	229	1.228	167.2	14.6	2.57	175.5	6.984	3.909	189.3	5.884	21.26	22.45	22.58	1.186	1.322	76.19	16.91	0.82	889	0
8/17/2014 22:00	74454	15	229	1.918	178.6	10.86	3.401	177	6.096	5.607	187.6	4.66	21.74	22.21	22.54	0.468	0.8	75.58	17.25	1.138	889	0
8/17/2014 22:15	74455	15	229	2.137	186.3	10.89	3.609	181.5	6.758	5.998	190.7	4.058	21.78	22.11	22.4	0.334	0.62	73.84	16.92	1.132	889	0
8/17/2014 22:30	74456	15	229	1.687	179.1	10.83	3.031	177.4	7.141	5.408	187.5	3.638	21.6	22.06	22.43	0.458	0.83	72.89	16.54	0.984	889	0
8/17/2014 22:45	74457	15	229	0.935	142.1	23.33	2.257	154.3	10.24	4.228	183.8	3.313	20.98	21.81	22.41	0.834	1.427	75.51	16.5	0.825	889	0
8/17/2014 23:00	74458	15	229	0.91	76.17	23.99	1.897	113.6	12.43	2.9	178.2	6.092	20.26	21.53	22.29	1.272	2.032	78.97	16.51	0.782	889	0
8/17/2014 23:15	74459	15	229	0.819	95.4	24.44	2.295	115.5	8.98	2.632	172.4	7.6	19.95	21.33	22.29	1.381	2.336	82.1	16.81	0.673	889	0
8/17/2014 23:30	74460	15	229	0.574	60.3	47.12	1.652	115.4	15.23	2.079	189.8	9.52	19.64	21.15	22.33	1.511	2.686	82.6	16.62	0.579	889	0
8/17/2014 23:45	74461	15	229	0.965	53.81	8.81	1.626	114.2	4.683	1.503	198.3	13.35	19.03	21.78	22.43	2.75	3.397	84	16.28	0.596	889	0
8/18/2014 0:00	74462	15	230	1.086	49.69	10.49	1.427	86.7	8.86	0.973	212.2	12.86	18.77	21.95	22.56	3.178	3.786	84.7	16.16	0.544	888	0
8/18/2014 0:15	74463	15	230	0.955	53.67	8.95	1.335	85.3	4.809	1.034	227.2	8.38	18.7	21.97	22.73	3.276	4.033	85.3	16.2	0.566	888	0
8/18/2014 0:30	74464	15	230	1.231	59.67	8.87	2.239	70.48	2.059	0.53	248.2	5.463	18.85	21.96	22.94	3.115	4.091	85.8	16.43	0.391	888	0
8/18/2014 0:45	74465	15	230	0.993	74.23	10.99	2.647	80.4	5.037	0.35	239.2	25.22	19.16	21.19	23	2.034	3.839	83.8	16.36	0.371	888	0
8/18/2014 1:00	74466	15	230	1.165	69.89	14.84	2.777	80.8	6.872	0.468	179	37.8	19.16	21.99	23.13	2.829	3.972	83.4	16.31	0.437	888	0
8/18/2014 1:15	74467	15	230	1.289	60.62	11.26	3.245	69.1	3.224	0.96	25.28	6.085	19.29	21.12	23.58	1.827	4.282	81.9	16.13	0.559	888	0
8/18/2014 1:30	74468	15	230	1.004	50.43	12.43	2.699	70.49	4.304	0.783	11.89	5.525	19.1	20.91	23.8	1.813	4.698	81.5	15.86	0.584	888	0
8/18/2014 1:45	74469	15	230	1.248	50.01	9.6	3.133	60.11	3.429	1.702	14.07	8.38	18.69	21.69	23.73	2.992	5.033	83.1	15.78	0.7	888	0
8/18/2014 2:00	74470	15	230	1.317	56.39	8.92	3.426	55.84	2.042	2.512	31.65	2.163	18.97	21.74	23.69	2.764	4.714	81.4	15.73	0.655	887	0
8/18/2014 2:15	74471	15	230	1.448	59.84	8.74	3.57	61.12	2.983	2.621	39.79	3.158	19.24	21.3	23.81	2.06	4.579	79.43	15.61	0.669	887	0
8/18/2014 2:30	74472	15	230	1.469	59.17	10.57	3.639	62.74	3.048	2.77	48.21	2.495	19.23	20.91	23.9	1.685	4.673	79.09	15.53	0.717	887	0
8/18/2014 2:45	74473	15	230	1.51	70.85	11.43	3.62	68.28	4.058	2.713	60.07	9.1	19.55	21.05	24.05	1.494	4.499	77.23	15.47	0.782	887	0
8/18/2014 3:00	74474	15	230	1.439	85.8	9.51	3.518	77.53	4.454	2.478	96.7	13.82	19.72	22	24.29	2.28	4.571	75.81	15.35	0.667	887	0
8/18/2014 3:15	74475	15	230	0.912	44.37	31.53	2.568	80.5	11.12	2.505	122.3	6.19	19.08	21.84	24.71	2.751	5.623	77.16	15	0.66	887	0
8/18/2014 3:30	74476	15	230	0.874	54.29	21.23	2.812	86.7	6.275	2.726	118.2	5.86	18.73	21.05	24.75	2.311	6.016	79.13	15.06	0.609	887	0
8/18/2014 3:45	74477	15	230	1.594	89.4	10.92	4.149	94.9	3.132	2.716	117.4	4.543	19.59	22.08	25.09	2.494	5.501	73.78	14.8	0.799	887	0
8/18/2014 4:00	74478	15	230	1.926	90.8	9.63	4.12	90.6	3.961	3.513	111.1	3.646	20.35	21.81	25.31	1.451	4.956	69.21	14.54	0.821	887	0
8/18/2014 4:15	74479	15	230	1.872	91	10.09	3.927	91.2	3.937	4.213	114.9	2.489	20.11	21.29	24.94	1.18	4.836	69.56	14.38	0.852	887	0
8/18/2014 4:30	74480	15	230	1.883	90.4	9.94	3.985	91.6	4.343	4.876	112.1	2.777	20.14	21.42	24.63	1.281	4.488	69.99	14.51	0.923	887	0
8/18/2014 4:45	74481	15	230	1.856	96.4	9.3	4.307	100.8	3.382	5.511	117	1	20.03	21.81	24.37	1.785	4.348	70.23	14.46	0.972	887	0
8/18/2014 5:00	74482	15	230	1.193	132.4	80.9	2.445	155.8	75.49	3.899	128	36.54	19.98	20.99	22.62	1.007	2.635	70.59	14.48	0.886	887	0
8/18/2014 5:15	74483	15	230	0.711	216.4	58.33	1.392	232.9	28.65	1.81	197.2	42.2	19.93	20.58	21.37	0.645	1.435	71.53	14.64	1.399	888	0
8/18/2014 5:30	74484	15	230	1.342	226.1	16.85	2.349	216	14.32	2.318	178.8	39.48	19.04	19.99	21.26	0.959	2.227	77.1	14.94	7.198	888	0
8/18/2014 5:45	74485	15	230	1.359	194.8	11.95	2.782	191.8	7.682	3.323	181.5	12.19	18.28	19.17	20.17	0.897	1.896	82.7	15.3	28.38	888	0
8/18/2014 6:00	74486	15	230	1.274	193.5	16.51	2.436	183.4	15.73	3.255	178.6	14.95	18.59	19.03	19.81	0.441	1.223	83.5	15.74	74.61	888	0
8/18/2014 6:15	74487	15	230	1.329	216.1	13.4	2.001	211.7	12.9	2.853	205	17.78	19.55	19.47	19.52	-0.072	-0.026	81.1	16.23	119.1	888	0
8/18/2014 6:30	74488	15	230	1.112	221.1	21.05	1.523	220.3	14.26	2.23	228.7	8.25	19.98	19.63	19.34	-0.352	-0.636	80.8	16.59	168.3	888	0
8/18/2014 6:45	74489	15	230	1.161	236.3	30.96	1.384	234.4	27.13	1.392	247.5	15.15	20.48	19.91	19.53	-0.567	-0.947	79.9	16.91	250.6	888	0
8/18/2014 7:00	74490	15	230	1.114	271.3	24.14	1.416	266	16.18	1.47	250.4	10.54	20.98	20.4	19.89	-0.578	-1.094	77.42	16.9	312.1	888	0
8/18/2014 7:15	74491	15	230	0.827	216.7	57.37	0.968	223.1	54.88	1.014	210	38.07	21.4	20.97	20.52	-0.424	-0.874	75.06	16.81	394.8	888	0
8/18/2014 7:30	74492	15	230	0.99	174.1	42.96	1.255	170.6	30.11	1.481	160.2	24.27	22.04	21.54	21.08	-0.5	-0.96	71.38	16.64	375.6	888	0
8/18/2014 7:45	74493	15	230	0.854	174.1	38.12	1.133	169.8	32.16	1.227	172.3	29.92	22.66	22.14	21.69	-0.515	-0.964	68.38	16.55	452.9	888	0
8/18/2014 8:00	74494	15	230	1.029	181.2	66.85	1.332	175.2	50.37	1.752	179.2	32.85	23.53	22.92	22.4	-0.608	-1.126	65.33	16.67	501.4	888	0
8/18/2014 8:15	74495	15	230	1.923	195	32.98	2.534	187.5	28.27	2.985	180	22.8	24.37	23.47	22.85	-0.897	-1.517	62.46	16.75	596.1	888	0
8/18/2014 8:30	74496	15	230	2.049	214.9	28.13	2.636	203	22.89	2.999	193.2	14.48	24.6	23.59	22.96	-1.009	-1.639	61.2	16.65	710.2	888	0
8/18/2014 8:45	74497	15	230	2.206	209.6	24.75	2.759	201.1	23.16	3.073	198.2	13.8	25.13	24.19	23.44	-0.94	-1.689	60.36	16.93	711.7	889	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/18/2014 9:00	74498	15	230	2.144	217.2	27.32	2.899	210.8	20.17	3.261	211.5	16.74	25.56	24.4	23.73	-1.168	-1.836	58.18	16.76	798.3	889	0
8/18/2014 9:15	74499	15	230	1.747	223.5	51.65	2.305	216	42.01	2.462	200.3	30.05	25.71	24.58	23.93	-1.13	-1.787	57.54	16.72	872	889	0
8/18/2014 9:30	74500	15	230	1.527	212.2	50.31	1.938	209	39.04	2.323	205.4	27.58	26.34	25.29	24.44	-1.045	-1.895	55.78	16.82	920	888	0
8/18/2014 9:45	74501	15	230	1.31	218.9	64.78	1.538	221.4	58.9	1.734	221.9	41.7	26.73	25.77	25.19	-0.96	-1.547	54.22	16.74	965	888	0
8/18/2014 10:00	74502	15	230	1.688	178.7	58.99	1.971	163.5	60.62	2.078	167	23.59	27.55	26.41	25.53	-1.138	-2.016	52.16	16.88	1004	888	0
8/18/2014 10:15	74503	15	230	1.849	210.1	50.31	2.017	204.2	51.77	1.739	191.1	48.82	27.81	26.62	25.98	-1.188	-1.822	50.42	16.58	1042	888	0
8/18/2014 10:30	74504	15	230	1.892	224.1	45.9	2.532	220.3	31.2	2.557	202.9	31.3	28.72	27.27	26.37	-1.449	-2.351	47.98	16.63	1078	888	0
8/18/2014 10:45	74505	15	230	1.515	172.7	40.02	1.87	167.6	29.93	1.971	155.9	32.15	28.69	27.49	26.71	-1.197	-1.979	47.16	16.34	1114	888	0
8/18/2014 11:00	74506	15	230	1.621	156	62.97	2	147.7	55.25	2.512	123.3	46.65	29.33	28.46	27.46	-0.88	-1.871	45.29	16.29	1138	888	0
8/18/2014 11:15	74507	15	230	2.004	114.2	36.32	2.525	108.2	30.45	3.038	114.1	24.86	29.91	28.53	27.69	-1.376	-2.218	42.12	15.67	1160	888	0
8/18/2014 11:30	74508	15	230	2.06	200.8	60.26	2.414	195.2	59.43	2.506	184.4	56.81	29.95	28.62	28.01	-1.337	-1.946	41	15.29	1180	888	0
8/18/2014 11:45	74509	15	230	1.317	161.8	61.64	1.526	149.4	64.08	1.545	169.9	67.81	30.15	29.23	28.7	-0.921	-1.452	40.46	15.26	1161	887	0
8/18/2014 12:00	74510	15	230	2.091	131.7	50.58	2.579	126.1	41.93	2.968	114.8	34.43	31.43	30	29.06	-1.429	-2.371	37.19	15.08	1279	887	0
8/18/2014 12:15	74511	15	230	1.643	348.5	95.1	1.891	14.87	92.5	2.07	45.26	75.42	31.22	29.9	29.22	-1.319	-2.003	36.45	14.58	1052	887	0
8/18/2014 12:30	74512	15	230	1.803	334.9	98.9	1.966	309.6	99.7	2.002	255.4	62.58	30.93	29.95	29.43	-0.981	-1.503	37.41	14.73	715.1	887	0
8/18/2014 12:45	74513	15	230	2.007	121.6	55.42	2.575	125.3	39.55	2.802	115.2	48	31.22	30.1	29.56	-1.116	-1.652	38.04	15.25	961	886	0
8/18/2014 13:00	74514	15	230	1.821	121.4	83.9	2.092	137.8	84.4	2.273	127	61.75	31.91	30.69	29.71	-1.222	-2.199	35.77	14.9	1278	886	0
8/18/2014 13:15	74515	15	230	2.256	206.9	33.93	2.72	199.5	27.56	3.011	198.3	30.5	31.88	30.58	29.84	-1.299	-2.034	35.41	14.72	1292	886	0
8/18/2014 13:30	74516	15	230	1.87	9.66	63.54	2.291	355.5	58.01	2.75	2.938	78.25	32.54	31.29	30.53	-1.245	-2.012	32.83	14.11	1225	886	0
8/18/2014 13:45	74517	15	230	1.889	167.4	50.26	2.299	155.4	42	2.352	143.4	36.24	33.17	31.6	30.68	-1.575	-2.489	30.61	13.59	1247	885	0
8/18/2014 14:00	74518	15	230	1.743	130.6	66.37	2.112	135.1	60.46	2.588	130.6	44.02	32.56	31.61	30.94	-0.954	-1.617	30.22	12.85	1016	885	0
8/18/2014 14:15	74519	15	230	2.643	119.6	39.22	3.282	115.2	32.71	3.849	110.1	30.67	33.36	32.28	31.41	-1.086	-1.95	26.52	11.57	803	885	0
8/18/2014 14:30	74520	15	230	2.111	110	58.6	2.802	100.5	60.2	3.396	90.9	51.93	33.61	32.38	31.36	-1.236	-2.255	26.71	11.89	972	885	0
8/18/2014 14:45	74521	15	230	2.268	42.41	50.55	3.178	37.01	39.38	3.959	43.56	35.72	33.49	32.29	31.51	-1.2	-1.979	26.72	11.79	805	885	0
8/18/2014 15:00	74522	15	230	1.945	41.52	48.08	2.59	38.01	45.79	2.899	54.57	34.93	32.46	31.84	31.28	-0.623	-1.183	27.68	11.45	305	885	0
8/18/2014 15:15	74523	15	230	1.882	42.17	41.11	2.598	32.77	42.02	3.388	42.6	31.1	33.22	32.47	31.79	-0.756	-1.439	26.56	11.47	722.5	884	0
8/18/2014 15:30	74524	15	230	1.764	90.7	44.89	2.326	80.2	58.99	2.509	73.18	59.83	33.03	32.22	31.55	-0.809	-1.481	26.19	11.1	632.4	884	0
8/18/2014 15:45	74525	15	230	1.934	57.03	44.8	2.53	47.77	32.91	2.948	40.89	25.22	33.54	32.61	31.92	-0.926	-1.615	25.29	11	768	884	0
8/18/2014 16:00	74526	15	230	2.776	53.98	25.74	3.818	48.95	21.16	4.34	44.05	12.68	33.83	32.75	32.02	-1.083	-1.81	22.3	9.35	657.8	884	0
8/18/2014 16:15	74527	15	230	1.492	47.69	73.12	1.961	34.93	57.95	2.324	32.78	29.69	33.31	32.61	31.95	-0.694	-1.361	22.52	9.07	557.2	884	0
8/18/2014 16:30	74528	15	230	1.26	268	64.22	1.364	285.5	61.61	1.578	325.6	59.53	33.34	33.04	32.55	-0.301	-0.789	23.33	9.62	594.4	884	0
8/18/2014 16:45	74529	15	230	2.01	91.8	35.83	2.63	86	28.86	3.153	76.66	27.7	33.53	32.9	32.3	-0.632	-1.226	23.4	9.83	507.2	884	0
8/18/2014 17:00	74530	15	230	2.322	83.2	20.89	3.124	74.77	16.15	3.773	72.18	15.83	33.54	32.99	32.3	-0.552	-1.243	23.86	10.13	416.6	884	0
8/18/2014 17:15	74531	15	230	2.155	61.17	18.84	3.023	52.13	15.37	3.718	47.78	13.64	33.35	32.84	32.18	-0.507	-1.164	24.63	10.45	342.3	884	0
8/18/2014 17:30	74532	15	230	2.421	63.58	25.24	3.454	57.8	21.12	4.151	51.53	17.93	33.11	32.67	32.05	-0.434	-1.056	25.11	10.53	274.1	884	0
8/18/2014 17:45	74533	15	230	2.016	32.69	20.4	3.023	26.39	13.76	3.638	23.41	8.41	32.77	32.51	31.96	-0.265	-0.814	25.84	10.68	209.9	884	0
8/18/2014 18:00	74534	15	230	1.562	43.86	22.87	2.377	38.4	18.09	3.022	36.13	16.24	32.5	32.47	31.99	-0.036	-0.515	26.03	10.56	145.2	884	0
8/18/2014 18:15	74535	15	230	1.863	78.39	13.24	2.858	74.36	9.88	3.677	70.66	7.547	32.14	32.32	31.94	0.174	-0.201	25.23	9.79	83.7	883	0
8/18/2014 18:30	74536	15	230	1.254	81.6	12.89	2.24	74.22	9.18	2.977	67.42	5.215	31.23	32.05	31.89	0.827	0.666	26.43	9.71	33.91	884	0
8/18/2014 18:45	74537	15	230	1.247	73.47	6.612	2.485	73.4	5.733	2.935	77.48	9.06	29.98	31.77	31.71	1.788	1.724	28.67	9.86	5.877	884	0
8/18/2014 19:00	74538	15	230	0.994	77.19	13.7	2.474	84.2	6.804	2.73	79.75	6.635	28.56	31.79	31.77	3.226	3.207	31.87	10.21	0.949	884	0
8/18/2014 19:15	74539	15	230	1.605	103.2	9.22	3.484	105.9	5.018	4.496	106.3	9.21	27.99	30.95	30.97	2.959	2.981	34.2	10.78	0.822	884	0
8/18/2014 19:30	74540	15	230	1.559	113.5	11.02	3.648	114.6	4.727	5.655	119.8	5.871	27.63	29.24	30.06	1.612	2.431	38.77	12.35	0.92	884	0
8/18/2014 19:45	74541	15	230	1.554	101.5	10.72	3.392	104.1	7.424	5.444	120.7	7.762	27.35	28.66	29.53	1.307	2.175	42.43	13.48	0.897	884	0
8/18/2014 20:00	74542	15	230	1.979	123.7	14.2	3.968	120.4	7.464	6.517	133.7	5.269	27.36	28.47	29.74	1.112	2.385	43.49	13.87	1.174	885	0
8/18/2014 20:15	74543	15	230	1.913	122.6	11.56	3.857	120.1	5.883	6.336	141.2	2.72	27.4	28.31	29.58	0.918	2.181	42.71	13.63	1.15	885	0
8/18/2014 20:30	74544	15	230	1.655	117.8	10.24	3.443	116.5	4.871	6.01	144.4	3.045	26.5	27.43	29.35	0.933	2.853	45.69	13.86	1.155	885	0
8/18/2014 20:45	74545	15	230	3.232	100.8	14.34	5.432	99.3	10.99	7.899	114.7	23.66	26.59	27.31	28.43	0.719	1.838	46.73	14.29	1.083	885	0
8/18/2014 21:00	74546	15	230	4.448	117.9	15.46	6.922	113.6	10.65	10.15	113.8	8.03	27.23	27.45	27.43	0.215	0.196	47.55	15.14	1.639	886	0
8/18/2014 21:15	74547	15	230	3.414	110.6	13.51	5.37	107.2	9.04	8.15	106.7	6.843	26.62	26.89	26.91	0.268	0.283	49.62	15.24	1.208	886	0
8/18/2014 21:30	74548	15	230	3.58	112.8	11.75	5.511	108.1	6.924	8.43	106.4	4.068	26.19	26.43	26.44	0.239	0.251	52.08	15.6	1.399	886	0
8/18/2014 21:45	74549	15	230	3.602	113.2	11.48	5.498	109.4	6.753	8.41	106.9	3.773	25.76	25.98	26.01	0.224	0.255	54.43	15.89	1.26	886	0
8/18/2014 22:00	74550	15	230	3.554	115.1	12.24	5.508	110.7	7.72	8.49	109.2	4.67	25.45	25.67	25.66	0.218	0.206	56.04	16.07	1.34	886	0
8/18/2014 22:15	74551	15	230	3.299	120.9	13.5	5.14	115.6	7.886	8.07	114.6	4.939	25.1	25.34	25.33	0.237	0.227	57.3	16.09	1.276	886	0
8/18/2014 22:30	74552	15	230	3.502	124.7	13.18	5.485	118.7	6.952	8.16	117.4	4.171	24.98	25.22	25.16	0.231	0.175	57.68	16.08	1.303	886	0
8/18/2014 22:45	74553	15	230	3.431	125.4	12.84	5.46	120.1	7.252	8.01	118.5	4.05	24.67	24.91	24.84	0.244	0.171	58.97	16.13	1.473	886	0
8/18/2014 23:00	74554	15	230	3.247	123.7	12.08	5.185	118.3	7.075	7.84	118.7	4.035	24.33	24.55	24.52	0.226	0.192	61.07	16.36	1.265	886	0
8/18/2014 23:15	74555	15	230	2.944	121.1	12.32	4.799	116.1	7.071	7.338	115.2	4.231	24	24.24	24.21	0.24	0.209	63.28	16.61	1.2	886	0
8/18/2014 23:30	74556	15	230	2.956	121.6	13	4.812	116.3	7.122	7.654	114.2	3.655	23.66	23.89	23.93	0.231	0.263	65.41	16.81	1.332	885	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/18/2014 23:45	74557	15	230	3.467	119.4	12.01	5.258	114.3	6.889	8.11	113.8	3.262	23.53	23.71	23.73	0.184	0.197	66.51	16.95	1.251	885	0
8/19/2014 0:00	74558	15	231	3.175	127	13	4.972	118.9	7.796	7.994	116.9	3.818	23.32	23.51	23.54	0.187	0.216	67.32	16.94	1.279	885	0
8/19/2014 0:15	74559	15	231	2.971	125.7	13.15	4.788	119.9	7.574	7.632	118.2	3.542	22.98	23.2	23.28	0.215	0.296	68.8	16.96	1.222	885	0
8/19/2014 0:30	74560	15	231	2.829	124.1	13.65	4.654	117.8	7.718	7.701	118.3	4.47	22.96	23.22	23.49	0.253	0.524	68.87	16.96	1.304	885	0
8/19/2014 0:45	74561	15	231	2.729	117.5	13.66	4.413	113.2	8.47	7.307	113.7	4.055	22.59	22.81	23	0.224	0.417	70.15	16.89	1.222	885	0
8/19/2014 1:00	74562	15	231	2.642	120.1	13.08	4.219	112.9	7.465	7.249	111.2	3.062	22.14	22.33	22.43	0.196	0.29	72.21	16.91	1.147	885	0
8/19/2014 1:15	74563	15	231	2.388	122.7	14.45	3.943	116.1	9.26	6.856	111.8	5.117	21.88	22.09	22.17	0.212	0.289	73.44	16.93	1.137	885	0
8/19/2014 1:30	74564	15	231	2.764	122.3	13.84	4.534	116.7	7.791	7.237	118.9	4.611	21.91	22.14	22.39	0.222	0.479	73.44	16.97	1.034	885	0
8/19/2014 1:45	74565	15	231	2.521	132.4	13.52	4.08	121.8	8.15	7.033	119.1	3.71	21.82	22.02	22.18	0.197	0.359	73.73	16.94	1.283	885	0
8/19/2014 2:00	74566	15	231	1.557	178.6	59.04	2.638	152.2	42.75	4.985	128.6	16.41	21.4	21.59	21.59	0.191	0.192	75.83	16.97	1.038	885	0
8/19/2014 2:15	74567	15	231	1.619	152.1	21.29	2.701	147.7	17.9	4.439	130.7	10.46	20.77	21.19	21.13	0.422	0.355	78.91	16.99	0.911	885	0
8/19/2014 2:30	74568	15	231	0.739	107	21.65	1.359	114	16.01	3.739	116.2	5.741	20.35	20.73	20.85	0.376	0.501	80.9	16.98	0.861	885	0
8/19/2014 2:45	74569	15	231	1.184	127.3	12.84	2.088	122.3	9.02	4.552	116.8	3.961	19.87	20.61	20.86	0.739	0.994	83	16.92	0.985	885	0
8/19/2014 3:00	74570	15	231	1.236	122.1	15.88	2.589	118.4	8.96	5.643	119.6	3.138	19.69	20.32	21.06	0.624	1.366	84.4	17.01	1.057	885	0
8/19/2014 3:15	74571	15	231	1.973	101.9	12.16	3.375	103.3	7.213	6.566	114.7	2.186	20.1	20.45	21.32	0.355	1.225	83.3	17.2	1.073	885	0
8/19/2014 3:30	74572	15	231	1.983	112.5	14.09	3.324	109.6	8.36	6.76	116.8	2.602	20.25	20.55	21.26	0.292	1.009	82.4	17.18	1.185	885	0
8/19/2014 3:45	74573	15	231	2.56	112.7	12.93	4.312	109.5	7.299	7.637	115.9	2.807	20.21	20.46	21.12	0.252	0.915	82.9	17.22	1.192	885	0
8/19/2014 4:00	74574	15	231	3.172	118	13.18	5.124	112.2	7.055	8.46	114.5	2.934	20.29	20.49	20.85	0.198	0.566	82.6	17.25	1.534	885	0
8/19/2014 4:15	74575	15	231	2.986	119.3	12.73	4.883	113.5	6.929	8.36	114.1	2.754	20.11	20.3	20.69	0.196	0.586	83.6	17.25	1.331	885	0
8/19/2014 4:30	74576	15	231	2.557	119.5	13.51	4.116	114.8	7.332	7.486	115.6	3.051	20.07	20.29	20.61	0.221	0.539	84.1	17.33	0.982	885	0
8/19/2014 4:45	74577	15	231	2.533	108.2	14.01	4.148	105	7.921	7.329	109.2	2.892	19.87	20.09	20.43	0.219	0.556	85	17.29	1.171	885	0
8/19/2014 5:00	74578	15	231	1.934	91.1	14.62	3.274	91	9.13	5.984	102.4	3.822	19.79	20.07	20.39	0.277	0.593	85.5	17.31	0.993	885	0
8/19/2014 5:15	74579	15	231	0.925	82.5	16.19	1.938	92	10.56	5.047	106.5	3.415	19.46	19.88	20.35	0.423	0.891	86.3	17.13	1.324	885	0
8/19/2014 5:30	74580	15	231	0.631	189.4	40.4	1.015	154.3	37.09	3.739	108.6	6.196	19.18	19.64	19.83	0.465	0.649	87.7	17.11	5.185	885	0
8/19/2014 5:45	74581	15	231	0.89	93.9	21.2	1.591	96.6	13.28	4.793	102.3	4.293	19.07	19.47	19.97	0.395	0.9	88.2	17.09	22.73	886	0
8/19/2014 6:00	74582	15	231	2.264	103.2	12.2	3.716	98.7	7.053	6.148	105.5	3.339	19.43	19.57	20.34	0.141	0.903	88.1	17.42	63.68	885	0
8/19/2014 6:15	74583	15	231	2.275	103.7	13.16	3.426	98.1	8.98	5.73	104.4	3.884	20.28	20.18	20.4	-0.096	0.115	84.9	17.67	116.8	885	0
8/19/2014 6:30	74584	15	231	2.563	111.8	13.24	3.734	107.2	7.498	5.351	107.3	4.619	21.09	20.81	20.49	-0.279	-0.597	81.1	17.73	177.1	885	0
8/19/2014 6:45	74585	15	231	2.904	118.1	12.91	4.339	111.3	7.741	5.291	108.5	5.401	21.65	21.21	20.72	-0.448	-0.936	78.41	17.75	242.5	885	0
8/19/2014 7:00	74586	15	231	2.68	118.5	14.69	3.947	113.1	8.31	4.612	108.8	6.195	22.24	21.6	21	-0.642	-1.24	76.41	17.91	308.9	885	0
8/19/2014 7:15	74587	15	231	2.883	114.9	14.78	4.245	111.2	9.26	4.872	111.1	6.351	22.92	22.13	21.48	-0.789	-1.446	73.54	17.96	375.4	885	0
8/19/2014 7:30	74588	15	231	2.774	123.5	14.84	3.936	116.7	8.52	4.483	112.6	6.427	23.52	22.63	21.93	-0.88	-1.581	70.79	17.92	443.3	885	0
8/19/2014 7:45	74589	15	231	2.23	123.7	16.59	3.036	117.9	9.84	3.459	116.3	7.536	24.04	23.08	22.44	-0.955	-1.595	68.38	17.87	512.1	885	0
8/19/2014 8:00	74590	15	231	1.675	131.1	28.64	2.17	128.4	22.98	2.696	127.9	14.19	24.45	23.65	23.02	-0.798	-1.432	65.95	17.69	576.7	885	0
8/19/2014 8:15	74591	15	231	1.444	124.3	49.25	1.755	120	30.46	2.117	126	23.14	25.09	24.18	23.57	-0.911	-1.519	63.32	17.65	638.5	885	0
8/19/2014 8:30	74592	15	231	1.212	175.7	39.57	1.492	157.8	28.46	1.914	149.6	21.81	25.44	24.73	24.16	-0.703	-1.279	61.04	17.4	699.5	885	0
8/19/2014 8:45	74593	15	231	1.593	214.2	24.82	1.796	199.4	22.19	2.103	166.2	24.5	26.07	25.24	24.75	-0.827	-1.318	57.79	17.12	758.3	885	0
8/19/2014 9:00	74594	15	231	1.591	177	33.62	1.961	168.1	26.21	2.251	164.4	28.06	27.13	26.17	25.47	-0.959	-1.664	54.65	17.23	818	885	0
8/19/2014 9:15	74595	15	231	1.68	165.6	35.83	2.091	163.7	30.95	2.342	163.7	29.97	28.03	26.94	26.17	-1.091	-1.861	51.24	17.04	872	885	0
8/19/2014 9:30	74596	15	231	1.252	147.6	58.84	1.588	129.8	54.43	1.871	140.1	41.12	28.49	27.5	26.7	-0.99	-1.793	49.12	16.79	925	885	0
8/19/2014 9:45	74597	15	231	1.635	180.5	45.07	1.97	170	40.27	2.234	167.4	40.62	28.81	27.73	27.03	-1.079	-1.782	47.79	16.65	967	885	0
8/19/2014 10:00	74598	15	231	1.485	157.1	66.45	1.832	142.1	62.59	1.894	158.3	30.82	29.4	28.18	27.54	-1.229	-1.865	46	16.6	1013	885	0
8/19/2014 10:15	74599	15	231	1.904	223.7	30.82	2.318	211	18.68	2.665	196.9	15.63	29.97	28.86	28.1	-1.107	-1.865	43.65	16.28	1047	885	0
8/19/2014 10:30	74600	15	231	1.893	223.2	44.3	2.371	215.2	41.69	2.479	215.3	26.31	30.6	29.44	28.77	-1.157	-1.827	40.5	15.67	1079	885	0
8/19/2014 10:45	74601	15	231	1.585	185.7	74.13	1.919	195.3	58.15	2.138	204.3	51.8	31.17	29.94	29.25	-1.233	-1.921	38.55	15.41	1110	885	0
8/19/2014 11:00	74602	15	231	1.815	222.4	42.94	2.206	213	36.68	2.464	200.7	22.2	31.36	30.15	29.37	-1.205	-1.989	36.36	14.67	1134	885	0
8/19/2014 11:15	74603	15	231	2.116	223.9	45.85	2.62	227.4	43.14	2.938	229.4	38.2	31.93	30.62	29.89	-1.311	-2.045	35.29	14.7	1163	884	0
8/19/2014 11:30	74604	15	231	1.78	225.1	49.33	2.186	216.3	39.97	2.271	205.5	37.07	32.24	31.03	30.29	-1.204	-1.952	33.41	14.13	1196	884	0
8/19/2014 11:45	74605	15	231	2.501	191.5	41.8	3.22	187.5	35.45	3.656	189.8	34.06	33.38	31.76	30.69	-1.624	-2.695	28.87	12.83	1271	884	0
8/19/2014 12:00	74606	15	231	1.449	326.2	73.49	1.732	312.1	74.66	1.819	311.1	77.22	32.69	31.81	31.01	-0.885	-1.688	27.13	11.33	795.9	884	0
8/19/2014 12:15	74607	15	231	2.488	147.1	32.98	3.178	148.7	33.47	3.589	145.2	27.93	33.64	32.16	31.19	-1.478	-2.447	25.75	11.36	1284	884	0
8/19/2014 12:30	74608	15	231	2.231	110.8	58	2.89	103.7	50.61	3.191	103.5	51.26	33.46	32.02	31.31	-1.439	-2.151	25.54	11.08	1281	884	0
8/19/2014 12:45	74609	15	231	3.444	202.9	24.05	4.46	196.2	23.12	5.232	193	14.04	34.48	32.57	31.51	-1.909	-2.967	25.98	12.19	1293	884	0
8/19/2014 13:00	74610	15	231	2.242	221.4	28.31	2.84	215.4	32.22	3.263	210.3	21.79	33.59	32.24	31.43	-1.345	-2.161	27.46	12.28	846	883	0
8/19/2014 13:15	74611	15	231	1.608	173.9	47.48	2.204	167.5	53.83	2.551	167.2	47.88	33.17	32.27	31.6	-0.896	-1.567	27.23	11.79	717.4	883	0
8/19/2014 13:30	74612	15	231	2.937	219.2	28.54	3.922	212.5	22.67	4.604	208.1	18.01	34.66	33.04	32.07	-1.612	-2.58	24.46	11.43	1177	883	0
8/19/2014 13:45	74613	15	231	2.35	165.5	45.88	3.081	165.8	39.86	3.545	162.1	36.78	34.67	33.25	32.18	-1.426	-2.494	22.75	10.35	1128	883	0
8/19/2014 14:00	74614	15	231	2.238	108.7	48.81	2.846	105.8	36.86	3.15	106.8	37.1	34.72	33.51	32.6	-1.213	-2.116	21.99	9.89	1112	882	0
8/19/2014 14:15	74615	15	231	3.857	192.4	22.63	5.12	188.2	16.19	5.9	185.6	10.65	35.58	33.73	32.66	-1.851	-2.925	19.99	9.18	1042	882	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/19/2014 14:30	74616	15	231	2.34	228.2	58.41	2.92	226.1	46.33	3.136	223.9	25.61	34.9	33.54	32.68	-1.362	-2.218	20.3	8.84	1005	882	0
8/19/2014 14:45	74617	15	231	2.439	219.9	41.77	3.228	215	36.96	3.842	208.8	32.83	35.19	33.93	33.04	-1.254	-2.147	19.36	8.37	951	882	0
8/19/2014 15:00	74618	15	231	1.836	212.8	55.29	2.045	205	60.26	2.273	175.3	41.19	34.76	33.75	33.02	-1.012	-1.742	18.79	7.595	907	882	0
8/19/2014 15:15	74619	15	231	2.388	206.5	39.05	3.068	201.5	35.67	3.508	190.3	28.46	35.16	33.96	33.13	-1.192	-2.022	19.16	8.2	852	881	0
8/19/2014 15:30	74620	15	231	2.222	164.5	94.2	2.706	169.1	85.8	2.828	162.2	70.84	34.82	33.85	33.14	-0.973	-1.679	19.57	8.25	796.6	881	0
8/19/2014 15:45	74621	15	231	1.362	188.7	90.7	1.488	150.9	96.7	1.823	211.7	77.58	34.92	34.09	33.51	-0.826	-1.411	19.39	8.18	736.3	881	0
8/19/2014 16:00	74622	15	231	2.884	179.8	29	3.862	174.9	25.74	4.755	176.4	21.38	35.56	34.41	33.56	-1.152	-2.002	18.62	8.11	669.8	881	0
8/19/2014 16:15	74623	15	231	2.665	162.6	18.23	3.536	157.1	13.64	3.93	158.4	14.96	35.4	34.16	33.32	-1.245	-2.087	18.82	8.14	611	881	0
8/19/2014 16:30	74624	15	231	1.687	237.8	37.39	2.215	236.1	29.93	2.695	232.6	27.21	34.94	34.18	33.49	-0.751	-1.446	19.85	8.54	544.8	881	0
8/19/2014 16:45	74625	15	231	2.464	183.4	26.43	3.296	177.1	20.01	3.597	176.5	20.95	34.94	34.13	33.45	-0.811	-1.489	19.67	8.42	445.1	881	0
8/19/2014 17:00	74626	15	231	1.744	143.1	39.99	2.324	141.3	42.53	2.725	146.7	26.96	34.64	34.07	33.49	-0.57	-1.153	19.38	7.953	406.5	881	0
8/19/2014 17:15	74627	15	231	2.29	196	20.23	3.145	190.5	16.34	4.059	185.7	11.98	34.43	34.03	33.41	-0.394	-1.019	20.49	8.6	266.9	880	0
8/19/2014 17:30	74628	15	231	2.357	184.2	15.07	3.503	177.4	11.14	4.477	178.1	6.823	33.66	33.6	33.18	-0.057	-0.477	21.42	8.62	117.7	881	0
8/19/2014 17:45	74629	15	231	2.32	192	11.87	3.563	187.1	7.9	4.686	184.4	5.63	33.28	33.37	33.04	0.094	-0.24	22.79	9.23	90.9	881	0
8/19/2014 18:00	74630	15	231	2.292	182.9	12.65	3.521	177.6	9.23	4.873	174.3	6.587	33.35	33.31	32.94	-0.034	-0.405	23.07	9.46	103.8	881	0
8/19/2014 18:15	74631	15	231	2.684	181.4	12.45	4.138	175.3	8.15	5.649	173.8	5.07	33.01	33.08	32.77	0.073	-0.239	23.76	9.62	51	881	0
8/19/2014 18:30	74632	15	231	3.217	161.9	20.44	4.776	157.8	17.28	6.582	155.9	17.33	32.5	32.62	32.32	0.127	-0.172	25.76	10.34	16.52	881	0
8/19/2014 18:45	74633	15	231	4.582	150.5	15.53	7.219	145.5	11.4	9.8	144.7	10.26	31.8	31.88	31.57	0.076	-0.234	31.95	13.07	3.527	881	0
8/19/2014 19:00	74634	15	231	5.448	157.9	12.97	8.19	151.3	8.64	10.67	149.1	6.093	31.18	31.25	30.91	0.063	-0.268	35.28	14.05	1.776	882	0
8/19/2014 19:15	74635	15	231	5.241	159.8	13.71	8.02	153.9	8.8	10.75	151.7	5.884	30.54	30.63	30.34	0.086	-0.207	37.61	14.48	1.576	882	0
8/19/2014 19:30	74636	15	231	5.491	158.2	12.13	8.41	151.4	7.494	10.82	149.8	5.33	30.21	30.3	30.01	0.095	-0.197	39.25	14.84	1.718	882	0
8/19/2014 19:45	74637	15	231	4.658	158.4	12.71	7.056	152	8.01	9.5	150.2	6.272	29.74	29.88	29.61	0.14	-0.121	40.99	15.09	1.586	882	0
8/19/2014 20:00	74638	15	231	5.518	155	12.67	8.23	148.9	7.841	10.92	146.4	5.468	29.35	29.45	29.17	0.099	-0.185	42.16	15.18	1.66	882	0
8/19/2014 20:15	74639	15	231	5.541	156.9	12.81	8.38	150.1	8.2	11.31	147.6	5.898	28.93	29.02	28.74	0.093	-0.189	42.83	15.05	1.469	883	0
8/19/2014 20:30	74640	15	231	5.567	154	13.75	8.35	147.8	8.43	11.12	145.2	5.334	28.39	28.48	28.17	0.082	-0.221	42.42	14.42	1.778	883	0
8/19/2014 20:45	74641	15	231	5.448	153.7	12.65	8.22	147.7	7.856	11.09	145	5.156	27.96	28.03	27.73	0.065	-0.228	44.02	14.6	1.678	883	0
8/19/2014 21:00	74642	15	231	5.048	156.7	12.52	7.853	150.1	8.62	10.83	148.2	5.642	27.82	27.9	27.64	0.079	-0.183	44.85	14.77	1.617	883	0
8/19/2014 21:15	74643	15	231	5.057	161.5	12.53	7.462	154.2	8.31	10.3	152	5.889	27.85	27.9	27.62	0.052	-0.23	44.9	14.81	1.582	884	0
8/19/2014 21:30	74644	15	231	4.912	162.4	12.36	7.209	155.2	8.34	9.62	153.3	6.405	27.58	27.7	27.45	0.118	-0.127	46.28	15.03	1.444	884	0
8/19/2014 21:45	74645	15	231	4.778	165.8	12.41	7.231	158.9	8.66	9.64	157.6	5.954	27.32	27.47	27.25	0.149	-0.076	48.12	15.41	1.549	884	0
8/19/2014 22:00	74646	15	231	5.253	168.6	12.11	7.676	162.7	8.19	10.34	160.1	5.716	27.17	27.29	27.04	0.121	-0.132	49.93	15.85	1.646	884	0
8/19/2014 22:15	74647	15	231	4.904	169.3	12.83	7.218	163.8	9.29	10.1	161	6.828	27.01	27.09	26.85	0.087	-0.155	50.56	15.89	1.354	884	0
8/19/2014 22:30	74648	15	231	4.8	171	12.31	7.184	164.4	7.912	9.85	162.2	5.553	26.81	26.92	26.66	0.105	-0.147	51.56	16.02	1.342	884	0
8/19/2014 22:45	74649	15	231	5.118	169.6	12.09	7.521	162.8	8.04	10.14	160.9	5.022	26.67	26.77	26.53	0.099	-0.138	52.49	16.17	1.718	884	0
8/19/2014 23:00	74650	15	231	4.891	170.2	12.11	7.181	164	7.899	9.62	162	5.248	26.66	26.73	26.47	0.067	-0.186	52.82	16.26	1.486	884	0
8/19/2014 23:15	74651	15	231	4.554	165.2	12.2	6.901	160.1	7.686	9.33	159.4	4.822	26.47	26.6	26.39	0.128	-0.084	53.31	16.23	1.355	884	0
8/19/2014 23:30	74652	15	231	4.082	167.5	12.05	6.284	161.2	8.06	8.73	159.6	4.947	26.18	26.36	26.18	0.179	-0.006	54.08	16.19	1.461	884	0
8/19/2014 23:45	74653	15	231	3.479	162.4	12.79	5.196	157.2	8.17	7.485	155.9	5.365	25.84	26.04	25.89	0.198	0.048	55.34	16.23	1.296	884	0
8/20/2014 0:00	74654	15	232	2.97	156.9	13.51	4.557	152.4	9.63	6.688	150.3	6.767	25.59	25.81	25.67	0.216	0.073	56.12	16.22	1.318	884	0
8/20/2014 0:15	74655	15	232	2.814	156.6	13.72	4.44	149.8	8.12	6.409	148.9	5.853	25.3	25.55	25.4	0.247	0.104	57.26	16.26	1.163	884	0
8/20/2014 0:30	74656	15	232	2.639	153.7	13.65	4.274	146.7	8.54	6.824	146.2	5.207	25.03	25.29	25.2	0.254	0.17	58.34	16.3	1.222	884	0
8/20/2014 0:45	74657	15	232	2.989	151	13.18	4.766	144.6	7.76	7.064	145.7	5.151	24.89	25.12	25.01	0.228	0.125	58.7	16.27	1.217	884	0
8/20/2014 1:00	74658	15	232	2.917	153.1	13.32	4.637	146.5	7.794	7.124	145.5	4.998	24.69	24.93	24.83	0.238	0.134	59.89	16.4	1.317	884	0
8/20/2014 1:15	74659	15	232	2.961	152.3	12.78	4.745	146.3	7.581	6.77	144.1	5.331	24.55	24.77	24.64	0.221	0.091	61.87	16.77	1.31	883	0
8/20/2014 1:30	74660	15	232	2.743	149.4	13.97	4.243	141	8.21	6.176	140.9	6.426	24.33	24.56	24.42	0.222	0.088	63.1	16.88	1.187	883	0
8/20/2014 1:45	74661	15	232	2.383	139.5	13.24	3.65	132.9	8.64	5.561	135	5.93	24.07	24.29	24.19	0.218	0.112	64.52	16.99	1.052	883	0
8/20/2014 2:00	74662	15	232	2.188	140.6	15.97	3.375	134.8	10.31	5.616	135	6.444	23.93	24.11	23.99	0.182	0.063	65.65	17.13	1.09	883	0
8/20/2014 2:15	74663	15	232	2.43	137.5	14.61	3.974	131.2	9.28	6.535	132.8	5.842	23.88	24.05	23.95	0.173	0.069	66.2	17.21	1.205	883	0
8/20/2014 2:30	74664	15	232	2.555	143.1	13.7	3.872	135.4	8.35	5.666	136.3	7.703	23.85	23.97	23.79	0.126	-0.055	66.32	17.21	1.184	883	0
8/20/2014 2:45	74665	15	232	2.649	158.3	14.85	4.011	149.8	9.95	5.756	148.7	9.08	23.87	23.98	23.75	0.104	-0.121	66.45	17.26	1.017	884	0
8/20/2014 3:00	74666	15	232	2.538	161.1	12.88	3.697	155.4	9.43	5.508	151.4	7.064	23.82	23.92	23.7	0.098	-0.122	66.65	17.26	1.105	883	0
8/20/2014 3:15	74667	15	232	2.198	163.7	15.25	3.398	157.1	8.98	4.692	153.5	6.858	23.76	23.87	23.6	0.11	-0.155	66.99	17.28	1.09	884	0
8/20/2014 3:30	74668	15	232	1.825	163.2	14	2.805	156.9	10.77	4.565	152.4	6.793	23.69	23.77	23.55	0.085	-0.135	67.37	17.31	0.788	884	0
8/20/2014 3:45	74669	15	232	2.241	159.6	12.88	3.29	152.6	8.16	4.612	152.6	6.573	23.7	23.78	23.54	0.074	-0.167	67.37	17.32	0.898	884	0
8/20/2014 4:00	74670	15	232	1.993	161.8	12.48	3.103	154	8.58	4.658	154.1	5.272	23.75	23.84	23.66	0.092	-0.093	66.71	17.21	0.951	884	0
8/20/2014 4:15	74671	15	232	1.88	165	13.88	3.134	157.4	9.38	4.817	156.2	6.466	23.79	23.89	23.69	0.098	-0.098	66.31	17.15	1.054	884	0
8/20/2014 4:30	74672	15	232	1.637	173.6	13.57	2.418	164.8	10.47	4.02	164.9	7.688	23.88	23.99	23.84	0.118	-0.035	65.4	17.01	0.91	884	0
8/20/2014 4:45	74673	15	232	1.92	167.6	11.1	2.999	163.1	8.52	4.466	162.6	6.085	23.85	24.11	24.03	0.254	0.173	64.58	16.79	1.041	884	0
8/20/2014 5:00	74674	15	232	1.99	157.4	10.56	3.272	149.4	6.119	4.639	152.3	4.557	23.89	24.12	24.03	0.23	0.139	63.45	16.55	1.037	884	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/20/2014 5:15	74675	15	232	2.323	157.1	10.47	3.746	150	5.763	5.382	154.1	4.372	23.83	23.98	23.95	0.144	0.119	63.99	16.63	1.501	884	0
8/20/2014 5:30	74676	15	232	3.096	162.3	11.45	4.779	156.8	6.57	6.446	160.7	3.828	24.03	24.12	24.05	0.092	0.022	61.33	16.14	8.06	884	0
8/20/2014 5:45	74677	15	232	3.157	164.9	11.38	4.978	157.8	6.811	6.604	159	5.337	24.17	24.19	24.04	0.025	-0.125	59.62	15.84	34.78	884	0
8/20/2014 6:00	74678	15	232	2.984	176.7	11.52	4.436	170.9	7.454	5.599	168.4	6.193	24.43	24.37	24.06	-0.068	-0.371	56.78	15.32	74.52	885	0
8/20/2014 6:15	74679	15	232	2.417	177	12.39	3.596	171.3	8.81	4.486	170.6	6.705	24.52	24.44	24.07	-0.075	-0.449	54.83	14.86	69.91	885	0
8/20/2014 6:30	74680	15	232	2.708	173.9	13.08	3.899	168.4	8.91	4.987	168.3	7.175	24.51	24.44	24.07	-0.069	-0.442	53.76	14.55	69.95	885	0
8/20/2014 6:45	74681	15	232	2.826	181	14.09	4.211	175.7	9.86	5.369	172.6	6.837	24.69	24.52	24.1	-0.169	-0.588	53.15	14.53	109.2	885	0
8/20/2014 7:00	74682	15	232	2.926	181.9	13.84	4.453	177.4	11.45	5.712	177.9	8.82	24.89	24.64	24.15	-0.253	-0.742	52.69	14.59	138.5	885	0
8/20/2014 7:15	74683	15	232	3.515	187.5	14.22	5.157	182.9	10.29	6.565	180.6	7.545	25.01	24.68	24.15	-0.331	-0.863	51.89	14.46	176	885	0
8/20/2014 7:30	74684	15	232	3.966	189.3	14.86	5.714	183.6	10.59	7.368	181.2	7.392	25.09	24.72	24.14	-0.37	-0.946	50.83	14.21	206.3	885	0
8/20/2014 7:45	74685	15	232	3.802	198.8	13.71	5.71	191.7	8.69	7.14	189.5	6.195	25.32	24.87	24.28	-0.449	-1.034	49.89	14.13	237.8	885	0
8/20/2014 8:00	74686	15	232	3.837	191.6	13.28	5.567	186.9	9.5	7.037	186	6.447	25.65	25.12	24.46	-0.536	-1.197	48.29	13.94	291.3	885	0
8/20/2014 8:15	74687	15	232	3.803	206.1	15.2	5.434	201.3	9.89	6.63	197.2	6.223	25.96	25.34	24.69	-0.621	-1.267	47.31	13.9	355.5	885	0
8/20/2014 8:30	74688	15	232	3.54	202.7	15.28	5.177	197.7	11.4	6.366	195.2	7.818	26.54	25.72	24.96	-0.82	-1.583	46.48	14.16	461.6	885	0
8/20/2014 8:45	74689	15	232	4.03	208.9	14.77	5.655	204.1	10.45	6.874	201.4	7.711	27.02	26.14	25.32	-0.883	-1.702	45.09	14.12	550.2	885	0
8/20/2014 9:00	74690	15	232	3.813	208.2	15.97	5.299	201.8	11.73	5.977	199.9	7.847	27.6	26.59	25.87	-1.005	-1.726	43.74	14.18	577.8	885	0
8/20/2014 9:15	74691	15	232	3.986	200.5	16.16	5.488	194.8	12.58	6.565	191.5	9.49	28.01	27	26.15	-1.009	-1.864	42.53	14.12	580.5	885	0
8/20/2014 9:30	74692	15	232	4.141	190.4	16.03	5.717	186	13.53	6.659	186	12.02	28.6	27.39	26.52	-1.214	-2.082	41.36	14.22	720.8	885	0
8/20/2014 9:45	74693	15	232	4.347	197.7	15.2	5.804	191.9	11.97	6.654	187.9	11.97	29.27	27.89	27.02	-1.379	-2.245	39.51	14.1	830	885	0
8/20/2014 10:00	74694	15	232	4.277	190.5	19.02	5.731	183.2	15	6.804	181.5	11.4	29.93	28.34	27.17	-1.598	-2.768	37.93	14.06	1098	885	0
8/20/2014 10:15	74695	15	232	4.514	190.6	16.71	6.184	183.6	12.64	6.947	181.8	8.68	30.71	28.62	27.55	-2.098	-3.166	36.01	13.95	1202	885	0
8/20/2014 10:30	74696	15	232	3.997	190.6	20.52	5.594	184.7	17.61	6.769	182.4	15.55	30.96	29.08	28.01	-1.883	-2.952	35.19	13.81	1016	885	0
8/20/2014 10:45	74697	15	232	4.127	183.3	20.44	5.749	177.6	16.97	6.674	177.1	14.77	31.41	29.63	28.49	-1.788	-2.925	33.91	13.64	999	885	0
8/20/2014 11:00	74698	15	232	4.542	186.1	17.94	6.324	179.3	14.22	7.705	176.5	11.57	31.74	29.9	28.87	-1.834	-2.865	32.51	13.27	1086	885	0
8/20/2014 11:15	74699	15	232	4.593	185.2	21.9	6.58	179.6	17.87	7.655	177	14.58	32.51	30.45	29.45	-2.062	-3.063	30.12	12.78	1163	885	0
8/20/2014 11:30	74700	15	232	4.376	204.3	15.45	6.056	197.9	12.24	7.265	196.2	9.23	32.88	30.89	29.72	-1.991	-3.159	28.18	12.07	1163	885	0
8/20/2014 11:45	74701	15	232	4.24	200.4	19.33	5.739	195.1	14.96	6.842	195.3	11.37	33	31.03	30.02	-1.964	-2.978	28.38	12.28	1171	885	0
8/20/2014 12:00	74702	15	232	4.266	195.3	20.24	5.695	189.9	17.21	6.689	189.1	13.75	33.48	31.47	30.32	-2.013	-3.161	28.49	12.76	1175	884	0
8/20/2014 12:15	74703	15	232	4.285	217.1	18.47	5.662	212.6	15.13	6.663	209.5	12.12	33.24	31.43	30.42	-1.812	-2.82	29.74	13.21	1174	884	0
8/20/2014 12:30	74704	15	232	3.414	229.6	25.88	4.826	229.6	20.01	5.946	226.3	15.86	33.67	31.78	30.71	-1.894	-2.957	29.9	13.66	1171	884	0
8/20/2014 12:45	74705	15	232	3.933	217	22.13	5.45	213.8	18.4	6.691	208.3	16.24	34.37	32.56	31.25	-1.816	-3.12	26.9	12.6	1180	884	0
8/20/2014 13:00	74706	15	232	4.714	220.9	25.89	6.437	215.6	22.5	7.489	213.2	19.89	34.49	32.61	31.5	-1.886	-2.997	25.29	11.78	1149	884	0
8/20/2014 13:15	74707	15	232	4.424	222.7	18.76	6.233	216.6	15.27	7.633	213.2	12.26	34.84	32.95	31.7	-1.885	-3.136	23.42	10.93	1133	884	0
8/20/2014 13:30	74708	15	232	4.45	227.7	17.5	6.183	224	15.2	7.544	219.3	11.62	34.73	32.95	31.76	-1.782	-2.974	23.43	10.85	1110	884	0
8/20/2014 13:45	74709	15	232	4.162	237.4	21.32	5.808	230.7	17.68	6.824	224	14.53	34.6	32.79	31.76	-1.808	-2.835	24.63	11.49	1077	884	0
8/20/2014 14:00	74710	15	232	4.789	217.3	19.7	6.742	211.2	15.69	7.65	208.1	13.5	34.98	33.08	32.11	-1.899	-2.867	23.74	11.25	1054	883	0
8/20/2014 14:15	74711	15	232	4.69	224	19.46	6.558	218.3	17.87	7.648	216.4	17.16	34.96	33.24	32.15	-1.72	-2.809	23.39	11.02	1011	883	0
8/20/2014 14:30	74712	15	232	4.283	205.2	25.61	5.875	199.7	23.52	7.165	196.7	19.02	35.35	33.58	32.39	-1.769	-2.963	22.39	10.68	980	883	0
8/20/2014 14:45	74713	15	232	4.095	213.1	19.53	5.629	209	14.54	6.766	207.4	12.62	35.43	33.67	32.55	-1.764	-2.885	21.94	10.44	935	883	0
8/20/2014 15:00	74714	15	232	4.633	220	17.39	6.648	214.5	14.11	7.962	211.7	10.86	35.33	33.66	32.54	-1.665	-2.783	21.71	10.2	892	883	0
8/20/2014 15:15	74715	15	232	4.194	222.3	20.3	5.938	217	17.17	7.107	216.4	14.24	35.05	33.48	32.49	-1.575	-2.561	21.87	10.08	840	883	0
8/20/2014 15:30	74716	15	232	4.113	206.3	19.13	5.863	202.4	17	6.984	202.2	13.63	35.23	33.58	32.59	-1.65	-2.637	21.55	10.01	784	882	0
8/20/2014 15:45	74717	15	232	4.603	216.5	17.11	6.595	211.9	13.35	8.02	210	9.71	34.97	33.6	32.65	-1.365	-2.322	21.65	9.86	725.4	882	0
8/20/2014 16:00	74718	15	232	4.58	203.5	15.96	6.417	199.3	12.18	7.571	199.5	8.96	34.82	33.52	32.6	-1.299	-2.219	21.22	9.44	663.9	882	0
8/20/2014 16:15	74719	15	232	3.72	217.4	16.98	5.194	212.5	14.07	6.206	209.5	11.75	34.62	33.46	32.63	-1.157	-1.988	22.13	9.9	603.8	882	0
8/20/2014 16:30	74720	15	232	4.642	199.7	14.54	6.749	195	10.52	8.14	193.1	8.01	34.24	33.45	32.63	-0.784	-1.611	21.62	9.24	333.2	882	0
8/20/2014 16:45	74721	15	232	4.018	205.1	14.35	5.906	201.2	10.24	7.431	200	7.76	34	33.39	32.65	-0.613	-1.353	21.97	9.28	302.7	883	0
8/20/2014 17:00	74722	15	232	4.237	203.5	16.39	6.014	197.1	12.9	7.489	194.6	11.33	34.23	33.55	32.78	-0.673	-1.45	21.6	9.21	394.2	883	0
8/20/2014 17:15	74723	15	232	4.045	191.9	14.33	5.851	186.4	9.5	7.072	184.1	9.14	33.94	33.38	32.71	-0.554	-1.222	21.69	9.03	289.3	883	0
8/20/2014 17:30	74724	15	232	3.692	196.4	15.12	5.365	191.2	11.18	6.701	189.6	6.97	33.85	33.36	32.71	-0.489	-1.134	22.54	9.53	309.5	883	0
8/20/2014 17:45	74725	15	232	4.133	201.7	14.6	6.138	196.2	10.45	7.69	192.9	8.97	33.79	33.39	32.77	-0.395	-1.014	22.9	9.72	255.9	883	0
8/20/2014 18:00	74726	15	232	4.389	207.7	12.78	6.446	201.1	8.39	8.22	199.2	5.355	33.2	33.12	32.64	-0.085	-0.562	23.26	9.46	115.7	883	0
8/20/2014 18:15	74727	15	232	4.12	201.7	12.89	6.127	195.4	7.601	8.4	193.1	4.414	32.64	32.78	32.49	0.141	-0.149	24.06	9.5	36.42	883	0
8/20/2014 18:30	74728	15	232	3.269	196.4	12.61	5.154	192.5	8.13	7.413	193.1	5.684	32.13	32.42	32.28	0.289	0.146	24.95	9.62	20.12	883	0
8/20/2014 18:45	74729	15	232	5.003	168.5	18.22	7.511	161.7	15.91	9.99	159.6	15.1	30.18	30.27	29.91	0.086	-0.274	36.86	13.5	7.575	883	0
8/20/2014 19:00	74730	15	232	5.205	156.8	12.63	7.992	150.7	7.676	10.62	147.9	5.964	28.28	28.21	27.79	-0.063	-0.491	46.84	15.85	2.026	884	0
8/20/2014 19:15	74731	15	232	4.82	159.8	13.1	7.136	152.3	8.16	9.45	150	6.177	27.72	27.71	27.35	-0.015	-0.376	48.79	15.99	1.491	884	0
8/20/2014 19:30	74732	15	232	4.512	157.5	12.74	6.949	150	8.66	9.29	147.6	5.306	27.37	27.39	27.07	0.02	-0.305	49.55	15.91	1.218	884	0
8/20/2014 19:45	74733	15	232	4.057	157.8	12.34	6.204	150.2	8.2	8.56	147.5	5.195	27.1	27.16	26.89	0.059	-0.21	50.2	15.86	1.344	884	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/20/2014 20:00	74734	15	232	4.462	158.7	12.76	6.706	152.3	8.09	9.07	151.4	5.323	27.02	27.09	26.84	0.069	-0.175	50.74	15.96	1.574	884	0
8/20/2014 20:15	74735	15	232	4.981	161.2	12.57	7.393	153.9	7.509	9.81	153	5.5	26.99	27.05	26.77	0.06	-0.223	51.43	16.15	1.648	885	0
8/20/2014 20:30	74736	15	232	4.554	165.6	11.67	6.795	158.2	7.809	9.51	156.9	5.109	26.76	26.84	26.6	0.088	-0.155	52.16	16.15	1.523	885	0
8/20/2014 20:45	74737	15	232	4.681	161.8	12.78	6.998	154.7	8.44	9.52	153.3	5.786	26.57	26.66	26.41	0.097	-0.16	51.59	15.8	1.447	885	0
8/20/2014 21:00	74738	15	232	4.907	159	12.87	7.337	153.3	8.22	9.86	151.4	5.605	26.39	26.49	26.24	0.093	-0.151	51.87	15.73	1.404	885	0
8/20/2014 21:15	74739	15	232	4.417	152.7	12.77	6.7	146.1	8.26	9.39	145	5.981	26.24	26.35	26.12	0.114	-0.113	52.33	15.72	1.465	886	0
8/20/2014 21:30	74740	15	232	4.173	149.7	13.22	6.588	142.9	7.701	9.28	141.1	4.991	26.08	26.21	26.02	0.133	-0.056	53.75	15.99	1.651	886	0
8/20/2014 21:45	74741	15	232	4.91	154	12.97	7.615	146.8	8.23	10.43	144.6	5.27	26.28	26.4	26.17	0.114	-0.111	53.77	16.19	1.655	886	0
8/20/2014 22:00	74742	15	232	4.503	151.5	13.69	6.952	144.9	8.01	9.93	142.7	5.375	26.2	26.35	26.14	0.145	-0.066	53.18	15.94	1.667	886	0
8/20/2014 22:15	74743	15	232	4.757	153.9	12.11	7.051	147.3	8.27	9.61	145.5	5.877	26.06	26.19	25.98	0.132	-0.087	53.27	15.84	1.714	886	0
8/20/2014 22:30	74744	15	232	4.306	151.1	13.81	6.676	145.3	8.15	9.53	144.9	5.564	25.85	26.02	25.83	0.165	-0.019	54.01	15.86	1.568	886	0
8/20/2014 22:45	74745	15	232	4.371	154.9	12.5	6.68	147.9	7.904	9.21	145.4	5.574	25.69	25.85	25.65	0.154	-0.04	54.62	15.89	1.518	885	0
8/20/2014 23:00	74746	15	232	4.116	154.2	13.15	6.19	146.6	7.803	8.46	144.8	5.63	25.4	25.57	25.37	0.162	-0.039	55.78	15.95	1.689	885	0
8/20/2014 23:15	74747	15	232	4.087	158.3	12.23	5.994	152.3	8.14	8.49	150.6	5.934	25.25	25.4	25.23	0.147	-0.024	56.7	16.07	1.48	885	0
8/20/2014 23:30	74748	15	232	3.995	154.3	12.28	6.131	147.4	7.726	8.81	146.4	4.999	25.2	25.35	25.17	0.146	-0.03	57.37	16.2	1.378	885	0
8/20/2014 23:45	74749	15	232	3.803	153.3	13.09	5.906	147.2	8.57	8.55	147.1	5.435	25.04	25.2	25.04	0.155	0	58.17	16.27	1.297	885	0
8/21/2014 0:00	74750	15	233	3.535	153.2	13.25	5.518	147	8.16	8.13	146.9	5.546	24.92	25.07	24.9	0.151	-0.02	58.74	16.31	1.328	885	0
8/21/2014 0:15	74751	15	233	3.052	153.7	13.7	4.77	146.2	8.22	7.233	143.8	5.962	24.66	24.82	24.68	0.169	0.029	59.57	16.28	1.316	885	0
8/21/2014 0:30	74752	15	233	2.895	145.1	13.41	4.768	139.6	7.259	6.973	141.3	4.936	24.28	24.52	24.43	0.236	0.148	61.02	16.31	1.289	885	0
8/21/2014 0:45	74753	15	233	3.186	143.4	11.77	4.966	137.4	6.762	7.621	138.9	3.991	24.01	24.25	24.28	0.246	0.269	62.52	16.43	1.234	885	0
8/21/2014 1:00	74754	15	233	3.171	145.2	13.51	5.101	138.2	7.129	8.01	138.8	4.65	23.88	24.12	24.16	0.24	0.277	63.36	16.52	1.387	885	0
8/21/2014 1:15	74755	15	233	2.728	145.1	13.27	4.503	137.5	7.744	7.215	137.9	4.836	23.68	23.95	24.02	0.272	0.34	64.15	16.52	1.307	885	0
8/21/2014 1:30	74756	15	233	2.662	136.6	12.55	4.459	129.2	7.31	7.311	132.6	4.681	23.39	23.67	23.8	0.281	0.409	64.88	16.43	1.102	885	0
8/21/2014 1:45	74757	15	233	2.962	144.8	14.33	4.83	138.1	9.1	7.768	139.1	5.452	23.36	23.62	23.7	0.254	0.34	65.02	16.43	1.373	885	0
8/21/2014 2:00	74758	15	233	2.906	152.4	12.03	4.86	145.8	8.03	7.393	146.7	4.722	23.51	23.8	23.89	0.292	0.38	64.14	16.36	1.35	885	0
8/21/2014 2:15	74759	15	233	2.701	158.9	12.86	4.303	151.6	8.47	7.179	150.4	4.976	23.35	23.67	23.83	0.324	0.484	64.36	16.26	1.231	885	0
8/21/2014 2:30	74760	15	233	3.572	157.7	13.38	5.615	150	8.62	8.6	148.2	4.603	23.4	23.62	23.65	0.224	0.259	64.76	16.4	1.439	885	0
8/21/2014 2:45	74761	15	233	3.069	161.8	12.96	4.717	154	8.04	7.402	150.8	4.792	23.08	23.34	23.39	0.26	0.309	66	16.4	1.372	885	0
8/21/2014 3:00	74762	15	233	2.623	159.7	11.26	4.226	152.7	6.835	6.813	152.2	3.121	22.66	22.96	23.17	0.304	0.508	67.84	16.43	1.173	885	0
8/21/2014 3:15	74763	15	233	2.806	158.1	10.43	4.529	152.2	5.195	7.133	153.7	2.436	22.48	22.85	23.26	0.366	0.776	69.02	16.54	1.202	886	0
8/21/2014 3:30	74764	15	233	2.625	159.3	11.53	4.396	152.7	6.406	7.528	153.3	2.627	22.48	22.84	23.23	0.358	0.755	69.02	16.53	1.264	886	0
8/21/2014 3:45	74765	15	233	2.47	154.2	12.31	4.195	148.4	7.177	7.218	148.7	3.404	22.51	22.87	23.15	0.358	0.639	69.11	16.59	1.343	886	0
8/21/2014 4:00	74766	15	233	2.56	153.4	12.02	4.387	146.2	6.899	7.19	149.3	3.4	22.5	22.86	23.2	0.365	0.701	69.01	16.55	1.341	886	0
8/21/2014 4:15	74767	15	233	2.769	150.5	13.52	4.608	142.6	7.706	7.775	145	3.66	22.53	22.87	23.22	0.335	0.69	68.81	16.54	1.422	886	0
8/21/2014 4:30	74768	15	233	2.63	151.6	11.65	4.358	142.8	7.044	7.464	145.3	3.502	22.47	22.81	23.28	0.34	0.815	68.91	16.5	1.428	886	0
8/21/2014 4:45	74769	15	233	2.377	149.4	12.72	4.169	142.8	7.787	7.114	147.1	3.687	22.56	22.96	23.35	0.399	0.788	68.06	16.39	1.41	886	0
8/21/2014 5:00	74770	15	233	1.708	150.3	11.58	3.236	144.2	6.484	5.95	149.5	3.77	22.17	22.75	23.24	0.588	1.07	68.96	16.22	1.151	886	0
8/21/2014 5:15	74771	15	233	1.381	158.9	10.47	2.763	150.9	5.402	5.393	156.7	4.158	21.62	22.49	23.04	0.864	1.417	70.94	16.14	1.638	886	0
8/21/2014 5:30	74772	15	233	1.354	151.2	12.71	2.978	145.9	7.253	5.498	154.1	5.093	21.29	22.22	22.9	0.923	1.603	72.82	16.24	5.959	886	0
8/21/2014 5:45	74773	15	233	1.565	148.6	11.96	3.217	141.4	6.199	6.122	150.6	4.021	21.54	22.16	23.11	0.617	1.569	72.88	16.49	28.49	887	0
8/21/2014 6:00	74774	15	233	1.869	151.4	12.52	3.247	145	6.667	6.132	153.8	3.303	22.48	22.59	23.18	0.107	0.695	69.4	16.62	93.4	887	0
8/21/2014 6:15	74775	15	233	2.188	147.6	13.05	3.495	139.9	7.877	5.612	144	5.142	23.55	23.39	23.3	-0.163	-0.247	65.41	16.7	151	887	0
8/21/2014 6:30	74776	15	233	2.758	151.8	13.43	4.202	144.2	8.03	5.956	143.9	5.407	24.19	23.91	23.56	-0.275	-0.624	62.6	16.62	202.6	887	0
8/21/2014 6:45	74777	15	233	3.095	155.8	12.9	4.515	147.6	8.39	5.877	146.5	6.683	24.51	24.06	23.54	-0.449	-0.965	61.1	16.54	267.9	887	0
8/21/2014 7:00	74778	15	233	3.256	159.6	13.22	4.766	153.2	8.13	6.104	151.2	6.043	24.43	24.15	23.68	-0.274	-0.751	60.72	16.36	172.3	887	0
8/21/2014 7:15	74779	15	233	3.035	154.6	13.2	4.611	147.3	7.361	6.192	147.3	5.41	24.05	23.93	23.56	-0.122	-0.497	62.24	16.4	129.2	887	0
8/21/2014 7:30	74780	15	233	2.857	154.6	13.24	4.241	147.9	8.83	5.387	146.7	5.501	24.27	24.05	23.59	-0.219	-0.676	62.16	16.58	167.3	888	0
8/21/2014 7:45	74781	15	233	2.782	158.9	13.35	4.002	152	9.78	5.025	148.3	6.623	24.75	24.32	23.8	-0.429	-0.949	61.53	16.87	261.3	888	0
8/21/2014 8:00	74782	15	233	3.389	167.4	13.76	4.712	161	9.47	5.382	157	8.58	25.63	24.97	24.4	-0.655	-1.233	57.6	16.66	364.4	888	0
8/21/2014 8:15	74783	15	233	3.343	173.8	13.19	4.677	166.7	8.47	5.418	164	6.473	26.24	25.61	25.01	-0.632	-1.233	53.87	16.18	362.2	888	0
8/21/2014 8:30	74784	15	233	3.629	176.7	14.4	5.173	171.3	9.51	6.087	170	6.971	26.56	26.02	25.42	-0.534	-1.14	49.53	15.16	316.3	888	0
8/21/2014 8:45	74785	15	233	3.447	175.3	13.53	4.806	170.2	9.87	5.723	166.9	7.492	26.87	26.32	25.7	-0.545	-1.169	47.93	14.93	354.4	888	0
8/21/2014 9:00	74786	15	233	3.645	172.4	14.51	4.99	165.5	10.36	5.623	164.7	6.468	27.88	26.75	25.99	-1.125	-1.886	46.57	15.4	681.8	888	0
8/21/2014 9:15	74787	15	233	3.513	171.7	15.57	4.651	166.3	12.87	5.268	165.9	9.86	29.04	27.56	26.69	-1.475	-2.346	42.57	15.05	912	888	0
8/21/2014 9:30	74788	15	233	3.023	183.7	19.91	3.977	178.5	15.53	4.406	176.1	12.52	29.52	28.19	27.45	-1.326	-2.066	38.25	13.82	809	888	0
8/21/2014 9:45	74789	15	233	2.511	195	18.41	3.375	189.8	14.65	3.925	190.7	13.25	30.38	28.81	28	-1.564	-2.372	34.76	13.1	966	888	0
8/21/2014 10:00	74790	15	233	2.036	207.5	23.62	2.801	197	18.32	3.293	192.6	13.73	30.81	29.45	28.58	-1.36	-2.229	32.62	12.52	1010	888	0
8/21/2014 10:15	74791	15	233	2.078	213.3	39.12	2.622	212.3	27.32	3.121	206.5	18.31	31.33	30.07	29.03	-1.251	-2.291	32.42	12.88	1073	888	0
8/21/2014 10:30	74792	15	233	2.104	227.3	39.95	2.706	223.7	33.39	3.21	215.1	31.15	31.78	30.44	29.66	-1.348	-2.127	31.02	12.59	1090	888	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/21/2014 10:45	74793	15	233	2.063	217.3	33.89	2.494	209.7	26.61	3.022	203.7	20.53	32.44	31.21	30.3	-1.238	-2.141	29.06	12.17	1107	887	0
8/21/2014 11:00	74794	15	233	2.32	224.3	34.69	2.818	216.5	25.38	3.295	209.9	18.04	32.84	31.6	30.77	-1.245	-2.068	28.4	12.16	1129	887	0
8/21/2014 11:15	74795	15	233	2.249	169.1	46.16	2.748	160	37.31	2.956	164.6	30.19	33.41	31.88	31.06	-1.522	-2.345	25.8	11.19	1149	887	0
8/21/2014 11:30	74796	15	233	1.993	237.4	35.77	2.672	214.8	36.54	3.376	211.1	25.95	33.87	32.48	31.57	-1.383	-2.3	25.14	11.18	1162	887	0
8/21/2014 11:45	74797	15	233	2.595	217.5	27.39	3.28	213.5	19.85	3.682	212	17.2	34.34	32.87	31.9	-1.466	-2.441	24.15	10.97	1075	887	0
8/21/2014 12:00	74798	15	233	2.954	220.9	41.87	3.882	210.8	37.4	4.727	206	20	34.81	33.06	31.96	-1.744	-2.846	23	10.63	1174	887	0
8/21/2014 12:15	74799	15	233	2.617	179.4	43	3.506	171.7	33.66	4.308	168.6	24.01	34.69	33	32.04	-1.691	-2.643	23.44	10.82	1186	887	0
8/21/2014 12:30	74800	15	233	2.754	212.5	39.85	3.644	207.3	26.27	4.447	202.6	17.49	35.12	33.3	32.33	-1.816	-2.788	23.72	11.35	1193	886	0
8/21/2014 12:45	74801	15	233	2.78	226.8	54.05	3.57	222.2	47.97	3.596	210.1	43.41	35.02	33.2	32.29	-1.822	-2.732	23.74	11.29	1185	886	0
8/21/2014 13:00	74802	15	233	3.051	191.2	26.29	3.918	185.4	22.34	4.654	182.5	19.33	35.49	33.72	32.64	-1.766	-2.848	23.25	11.36	1111	886	0
8/21/2014 13:15	74803	15	233	3.686	199	23.3	4.608	194.7	18.79	5.422	195.2	17.07	35.67	33.97	32.93	-1.699	-2.736	22.78	11.2	1168	886	0
8/21/2014 13:30	74804	15	233	3.209	174.5	39.07	4.184	167.1	38.98	5.084	163.1	31.84	35.78	34.07	33.06	-1.708	-2.722	21.77	10.61	981	886	0
8/21/2014 13:45	74805	15	233	3.346	175.7	25.48	4.477	172.1	22.12	5.3	173.3	20.36	36.42	34.57	33.5	-1.855	-2.924	20.64	10.34	892	886	0
8/21/2014 14:00	74806	15	233	3.54	193.4	28.48	4.848	186.7	26.9	6.025	185.3	21.69	36.23	34.7	33.75	-1.538	-2.482	20.6	10.16	782.5	886	0
8/21/2014 14:15	74807	15	233	3.628	217.5	27.02	5.046	211.8	23.42	6.228	208.9	21.61	35.56	34.38	33.43	-1.175	-2.123	21.24	10.06	481.8	885	0
8/21/2014 14:30	74808	15	233	3.218	199.6	22.14	4.46	194.3	21.48	5.305	194.8	16.28	35.74	34.53	33.65	-1.216	-2.089	21.38	10.31	602.9	885	0
8/21/2014 14:45	74809	15	233	3.499	198	21.86	4.774	194.1	15.75	5.524	193.1	11.92	36.54	34.83	33.98	-1.715	-2.564	20.72	10.5	964	885	0
8/21/2014 15:00	74810	15	233	3.405	209.1	33.9	4.755	200.3	31.14	6.091	192.9	21.72	35.8	34.58	33.72	-1.22	-2.084	21.2	10.23	532.8	885	0
8/21/2014 15:15	74811	15	233	3.729	197	17.01	5.34	190.9	13.26	6.59	189.7	9.3	35.42	34.54	33.74	-0.882	-1.678	21.83	10.36	351.1	885	0
8/21/2014 15:30	74812	15	233	5.813	186.2	16.22	8.36	179.8	13.72	10.74	176.8	12.35	34.6	33.69	32.79	-0.904	-1.805	24.85	11.59	383.9	885	0
8/21/2014 15:45	74813	15	233	4.921	154.5	19.89	7.042	147.6	14.71	8.33	144.5	12.03	34.13	32.91	32.06	-1.221	-2.076	25.97	11.9	628.9	885	0
8/21/2014 16:00	74814	15	233	3.781	132.9	18.67	5.346	128.9	14.59	6.236	135.5	19.43	35.02	33.52	32.65	-1.499	-2.364	26.59	13.01	678.8	885	0
8/21/2014 16:15	74815	15	233	4.676	172.6	17.85	6.659	166.4	16.65	7.956	164.2	14.13	35.36	34.39	33.48	-0.971	-1.89	24.78	12.22	419.2	885	0
8/21/2014 16:30	74816	15	233	3.52	178.9	19.86	5.081	171.8	16.24	6.02	171.3	13.08	35.27	34.15	33.34	-1.114	-1.93	24.39	11.9	513.7	885	0
8/21/2014 16:45	74817	15	233	4.069	194.1	15.46	5.771	185.6	12.2	7.038	181.7	10.63	35.2	34.21	33.28	-0.985	-1.911	24.03	11.62	457	885	0
8/21/2014 17:00	74818	15	233	3.412	191.6	16.25	4.762	183.6	11.79	5.534	177.4	9.96	34.92	34.05	33.37	-0.864	-1.547	24	11.37	395.3	885	0
8/21/2014 17:15	74819	15	233	5.668	171.5	14.44	8.27	165.8	9.85	10.3	163.1	6.632	34.46	33.83	33.06	-0.63	-1.393	23.29	10.53	318.2	885	0
8/21/2014 17:30	74820	15	233	4.527	177.1	14.36	6.676	171.6	10.06	8.54	169.4	9.26	34.09	33.66	32.98	-0.433	-1.113	23.52	10.37	230.9	885	0
8/21/2014 17:45	74821	15	233	4.324	179.8	14.22	6.324	174	11.13	8.26	171.2	8.01	33.36	33.22	32.72	-0.137	-0.638	24.44	10.33	110.1	885	0
8/21/2014 18:00	74822	15	233	3.833	172.6	12.92	5.648	166.4	8.93	7.367	164.7	5.808	33.03	33.02	32.65	-0.006	-0.375	24.37	10.02	88.5	885	0
8/21/2014 18:15	74823	15	233	3.16	172.9	13.23	4.76	167.8	9.72	6.707	169.8	9.21	32.52	32.67	32.45	0.152	-0.069	25.45	10.23	49.16	885	0
8/21/2014 18:30	74824	15	233	3.564	192.8	13.99	5.485	187.1	8.46	7.806	187.6	4.992	32.1	32.35	32.21	0.256	0.115	26.47	10.47	15.72	885	0
8/21/2014 18:45	74825	15	233	3.16	195.6	12.36	4.972	190.7	6.998	7.696	188.1	3.449	31.68	32.02	32.04	0.34	0.362	27.47	10.67	4.161	886	0
8/21/2014 19:00	74826	15	233	2.499	186.8	12.8	4.171	182.1	8.64	7.02	181.5	4.775	31.14	31.57	31.78	0.429	0.642	28.94	10.99	1.092	886	0
8/21/2014 19:15	74827	15	233	3.095	176.1	13.76	4.839	170.2	9.75	7.72	170.8	8.2	31.03	31.22	31.22	0.189	0.185	30.22	11.54	1.367	886	0
8/21/2014 19:30	74828	15	233	5.319	168.2	12.85	7.894	162	8.33	10.34	158.5	5.886	30.62	30.66	30.32	0.045	-0.295	35.26	13.54	1.668	886	0
8/21/2014 19:45	74829	15	233	5.511	159.5	13.49	8.24	153.1	8.37	11.08	151	6.25	29.77	29.83	29.52	0.065	-0.247	38.63	14.19	1.713	886	0
8/21/2014 20:00	74830	15	233	5.104	158.9	13.42	7.608	151.9	9.32	10.47	150.1	5.979	28.95	29.02	28.73	0.072	-0.223	41.67	14.64	1.48	887	0
8/21/2014 20:15	74831	15	233	5.157	156	12.96	7.687	148.6	8.24	10.35	146.6	5.537	28.37	28.43	28.13	0.064	-0.233	43.85	14.91	1.61	887	0
8/21/2014 20:30	74832	15	233	5.608	157.1	12	8.42	150.6	8.23	11.15	148.6	6.317	27.97	28.02	27.72	0.048	-0.249	45.74	15.2	1.698	887	0
8/21/2014 20:45	74833	15	233	5.45	163.4	12.86	8.21	156.7	7.631	10.69	154.4	5.25	27.56	27.62	27.32	0.059	-0.237	47.43	15.4	1.623	888	0
8/21/2014 21:00	74834	15	233	4.854	162.1	12.57	7.35	155.7	8.05	9.87	152.9	5.728	27.32	27.41	27.15	0.095	-0.165	48.07	15.39	1.567	888	0
8/21/2014 21:15	74835	15	233	4.415	167.8	13.76	6.5	160.4	9.89	8.89	156.4	7.405	26.99	27.1	26.84	0.106	-0.157	50.01	15.71	1.451	888	0
8/21/2014 21:30	74836	15	233	3.825	171.4	12.2	5.647	163.6	8.01	8.05	160.7	5.334	26.61	26.75	26.53	0.137	-0.078	51.66	15.86	1.407	888	0
8/21/2014 21:45	74837	15	233	3.236	156.7	12.63	4.877	150.9	8.97	6.661	149.4	6.995	26.07	26.24	26.01	0.168	-0.058	53.19	15.82	1.142	888	0
8/21/2014 22:00	74838	15	233	3.284	157.7	11.98	5.016	151.7	8.11	7.091	150.1	4.985	25.48	25.61	25.41	0.136	-0.065	55.74	16	1.224	888	0
8/21/2014 22:15	74839	15	233	3.04	156	12.82	4.874	151	7.586	7.422	151.4	5.314	25.27	25.45	25.39	0.177	0.121	55.82	15.84	1.281	888	0
8/21/2014 22:30	74840	15	233	2.862	156.7	12.71	4.539	150.7	7.973	7.046	150.7	5.216	25.21	25.41	25.34	0.199	0.13	55.25	15.62	1.377	888	0
8/21/2014 22:45	74841	15	233	2.706	159.9	11.7	4.403	151.6	7.75	6.8	152.5	5.269	25.07	25.31	25.31	0.24	0.243	55.57	15.58	1.238	888	0
8/21/2014 23:00	74842	15	233	2.754	157.3	14.39	4.423	151.8	8.18	7.061	153.2	6.062	24.98	25.25	25.25	0.264	0.271	56.07	15.64	1.182	888	0
8/21/2014 23:15	74843	15	233	2.892	159.4	14.7	4.654	150.9	9.8	7.082	148.6	6.894	25	25.25	25.18	0.252	0.185	57.13	15.94	1.275	887	0
8/21/2014 23:30	74844	15	233	2.717	156.2	13.29	4.297	149.2	8.09	6.639	148.1	6.032	24.88	25.14	25.09	0.26	0.204	58.37	16.17	1.205	888	0
8/21/2014 23:45	74845	15	233	2.551	148.3	13.41	4.253	142.8	7.974	6.636	143.1	5.443	24.78	25.07	25.04	0.288	0.255	58.22	16.04	1.235	888	0
8/22/2014 0:00	74846	15	234	2.561	145.8	13.7	3.988	140.1	8.34	6.231	139.1	5.034	24.65	24.91	24.89	0.267	0.246	58.29	15.93	1.276	888	0
8/22/2014 0:15	74847	15	234	2.16	149.6	11.94	3.637	142	6.942	6.049	142.6	4.097	24.31	24.67	24.79	0.361	0.482	59.18	15.85	1.145	888	0
8/22/2014 0:30	74848	15	234	2.594	142	13.1	4.401	136.9	6.579	6.863	141.7	4.597	24.26	24.62	24.85	0.357	0.587	59.38	15.86	1.179	887	0
8/22/2014 0:45	74849	15	234	2.643	150.2	13.1	4.335	144.3	7.663	6.94	144.9	4.399	24.4	24.73	24.82	0.325	0.416	58.52	15.76	1.227	887	0
8/22/2014 1:00	74850	15	234	2.689	151.9	12.29	4.222	144.3	7.63	6.688	144.9	5.107	24.31	24.57	24.6	0.255	0.293	58.66	15.72	1.195	887	0
8/22/2014 1:15	74851	15	234	2.912	159.4	13.22	4.54	151.2	8.47	6.97	150.5	5.223	24.39	24.59	24.53	0.196	0.136	58.81	15.83	1.326	887	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/22/2014 1:30	74852	15	234	2.604	170.6	13.3	4.19	163.3	8.66	6.543	157.9	5.984	24.41	24.62	24.53	0.213	0.124	58.99	15.89	1.172	887	0
8/22/2014 1:45	74853	15	234	2.767	179.7	12.35	4.298	175	8.81	6.655	170.6	5.695	24.21	24.45	24.4	0.24	0.183	59.78	15.92	1.231	888	0
8/22/2014 2:00	74854	15	234	2.672	173.9	12.92	4.161	169	8.08	6.485	170.7	5.756	23.97	24.24	24.31	0.274	0.335	60.97	16	1.157	888	0
8/22/2014 2:15	74855	15	234	2.307	175.4	12.46	3.716	169.8	8.81	6.066	171.9	4.926	23.68	24.02	24.16	0.347	0.479	62.05	16	1.174	888	0
8/22/2014 2:30	74856	15	234	2.064	171.9	13.32	3.458	167.2	8.95	5.792	172.8	4.943	23.39	23.82	24.07	0.426	0.685	63.43	16.07	1.114	888	0
8/22/2014 2:45	74857	15	234	1.894	161.7	15.28	3.463	157.9	9.82	5.306	166	5.921	23.03	23.58	23.87	0.544	0.837	65.23	16.17	1.129	888	0
8/22/2014 3:00	74858	15	234	1.889	152	12.61	3.546	148.4	6.82	5.83	164.2	3.819	23.01	23.47	24.09	0.461	1.081	65.66	16.25	1.121	888	0
8/22/2014 3:15	74859	15	234	2.012	142	11.22	3.744	139.4	5.374	6.121	158	3.009	22.63	23.15	24	0.515	1.37	66.98	16.21	1.187	888	0
8/22/2014 3:30	74860	15	234	2.178	146.6	11.58	3.951	143.7	6.053	6.47	165.4	2.888	22.66	23.03	24.09	0.371	1.434	66.93	16.22	1.345	888	0
8/22/2014 3:45	74861	15	234	2.123	154.7	11.82	3.884	150	5.747	6.334	169	3.725	22.63	23.03	24.18	0.394	1.541	66.62	16.12	1.263	888	0
8/22/2014 4:00	74862	15	234	1.868	149.7	12.17	3.546	145.7	6.062	5.945	165.1	3.169	22.58	23	24.12	0.418	1.545	66.78	16.11	1.219	888	0
8/22/2014 4:15	74863	15	234	1.702	143.3	12.74	3.212	140.9	5.766	5.724	163.3	2.96	22.35	22.7	23.97	0.354	1.623	67.77	16.12	1.074	888	0
8/22/2014 4:30	74864	15	234	1.272	155.7	19.96	2.673	146.8	9.49	5.55	162.7	2.704	22.18	22.65	23.83	0.472	1.649	68.5	16.12	1.138	888	0
8/22/2014 4:45	74865	15	234	0.729	187.3	27.6	1.669	171.8	9.95	4.568	169.8	5.566	21.76	22.58	23.23	0.825	1.476	69.01	15.84	0.971	889	0
8/22/2014 5:00	74866	15	234	0.567	98.9	37.56	1.571	154.3	10.99	3.408	179	5.944	20.97	22.42	22.93	1.448	1.963	71.23	15.58	0.649	889	0
8/22/2014 5:15	74867	15	234	0.477	144.9	26.53	1.666	168.9	10.62	3.361	184.7	5.71	20.64	22.53	22.85	1.894	2.215	72.67	15.57	1.385	889	0
8/22/2014 5:30	74868	15	234	0.591	149	11.46	1.819	170.7	5.137	3.326	182.9	3.977	20.29	22.46	22.74	2.171	2.447	72.62	15.23	7.022	889	0
8/22/2014 5:45	74869	15	234	0.625	84.7	31.63	1.457	142.3	13.32	2.386	178.1	4.215	20.21	22.19	22.66	1.985	2.452	73.55	15.35	25.25	889	0
8/22/2014 6:00	74870	15	234	0.882	86.4	55.53	2.077	131.9	16.3	2.318	175.3	5.99	20.28	22.2	22.77	1.927	2.496	74.02	15.51	69.39	889	0
8/22/2014 6:15	74871	15	234	1.041	147.4	16.31	2.2	144.8	12.83	3.308	171.6	4.416	22.01	22.26	22.64	0.255	0.63	68.93	16.06	123.9	889	0
8/22/2014 6:30	74872	15	234	1.002	131.7	17.46	1.566	125.4	10.31	2.099	176	16.11	22.93	22.64	22.68	-0.285	-0.242	64.75	15.95	177.1	889	0
8/22/2014 6:45	74873	15	234	0.405	14.27	55.37	0.445	40.78	59.84	0.493	229.8	64.19	23.62	23.37	22.96	-0.253	-0.658	61.34	15.76	239.9	889	0
8/22/2014 7:00	74874	15	234	0.497	192.9	85.9	0.512	192.7	83.4	0.625	286.1	73.47	24.22	23.96	23.66	-0.252	-0.56	59.02	15.72	297.7	889	0
8/22/2014 7:15	74875	15	234	1.413	348.3	22.9	1.82	347.6	18.23	2.065	347.7	15.72	25.01	24.5	23.92	-0.516	-1.094	55.89	15.61	364.7	889	0
8/22/2014 7:30	74876	15	234	1.123	23.2	32.97	1.549	12.2	30.65	1.74	3.748	24.28	25.51	24.92	24.34	-0.59	-1.168	54.72	15.75	430.2	889	0
8/22/2014 7:45	74877	15	234	1.241	348	60.84	1.461	343.2	52.7	1.757	352.9	29.98	25.94	25.42	24.91	-0.52	-1.029	53.43	15.77	498.3	889	0
8/22/2014 8:00	74878	15	234	1.498	273.6	46.16	1.676	271.6	42.52	1.646	298	27.66	26.22	25.56	25.29	-0.657	-0.93	51.67	15.5	561.6	889	0
8/22/2014 8:15	74879	15	234	1.049	273.1	50.81	1.274	271.7	38.56	1.343	252.6	26.46	26.35	25.78	25.26	-0.571	-1.085	50.92	15.4	623.4	889	0
8/22/2014 8:30	74880	15	234	1.315	133.8	56.03	1.51	140.8	44.84	1.633	170.3	33.29	26.86	26.1	25.68	-0.756	-1.178	49.72	15.49	687.3	889	0
8/22/2014 8:45	74881	15	234	1.16	162	54.52	1.291	148	34.77	1.256	141.1	33.42	27.33	26.39	25.88	-0.942	-1.449	47.64	15.26	745.7	889	0
8/22/2014 9:00	74882	15	234	1.411	246.2	58.38	1.621	233.6	55.71	1.737	232.2	31.91	28.09	27.13	26.42	-0.959	-1.671	45.93	15.38	798.2	889	0
8/22/2014 9:15	74883	15	234	2.144	177.2	30.47	2.746	174.9	27.54	2.905	181.8	22.98	28.56	27.34	26.72	-1.221	-1.837	44.04	15.15	852	889	0
8/22/2014 9:30	74884	15	234	1.643	200.3	39.57	2.073	194.6	37.21	2.444	205.8	27.17	28.91	27.93	27.14	-0.972	-1.771	43.64	15.32	900	889	0
8/22/2014 9:45	74885	15	234	2.593	205.6	32.75	3.306	193.9	26.05	3.721	184.1	18.56	29.37	28.04	27.26	-1.325	-2.104	42.52	15.33	944	889	0
8/22/2014 10:00	74886	15	234	2.62	193.6	24.62	3.323	187.8	20.07	3.85	184.2	15.98	29.87	28.29	27.39	-1.579	-2.486	41.44	15.38	989	889	0
8/22/2014 10:15	74887	15	234	2.649	203.5	32.24	3.483	197	25.75	4.286	193.2	19.3	30.62	28.92	28.07	-1.7	-2.552	39.77	15.4	1025	889	0
8/22/2014 10:30	74888	15	234	2.702	195.4	30.16	3.658	187.7	27.66	4.522	183.4	22.43	31.25	29.57	28.63	-1.68	-2.625	37.94	15.23	1060	889	0
8/22/2014 10:45	74889	15	234	3.419	191	20.68	4.474	187	16.45	5.405	185.1	13.3	31.9	30.02	28.88	-1.881	-3.018	36.23	15.09	1087	888	0
8/22/2014 11:00	74890	15	234	3.31	211	22.27	4.342	206.5	18.99	5.121	199.8	14.59	32.07	30.28	29.25	-1.793	-2.822	35.07	14.74	1111	888	0
8/22/2014 11:15	74891	15	234	3.455	207.2	24.28	4.755	203.9	19.97	5.373	203.5	17.67	32.41	30.4	29.41	-2.003	-3.002	34.57	14.81	1141	888	0
8/22/2014 11:30	74892	15	234	3.782	212.5	19.03	5.005	207.6	17.41	5.851	204.1	16.73	32.72	30.76	29.67	-1.96	-3.044	33.48	14.58	1149	888	0
8/22/2014 11:45	74893	15	234	3.511	207.3	24.64	4.665	200.8	19.79	5.716	199.3	18.59	33.12	31.06	29.99	-2.063	-3.134	32.75	14.59	1159	888	0
8/22/2014 12:00	74894	15	234	3.964	195.7	26.61	5.135	193.8	23.09	5.991	191.8	18.87	33.39	31.3	30.07	-2.091	-3.319	31.47	14.21	1174	888	0
8/22/2014 12:15	74895	15	234	3.992	206.7	22.38	5.357	201.5	20.92	6.224	198.6	22.13	33.67	31.57	30.49	-2.098	-3.178	31.31	14.38	1147	888	0
8/22/2014 12:30	74896	15	234	3.842	211.6	24.52	5.116	205.9	20.93	6.138	201.6	18.84	34.05	32.19	30.99	-1.859	-3.055	30.24	14.16	1092	888	0
8/22/2014 12:45	74897	15	234	4.045	183.8	23.08	5.514	178.9	20.85	6.476	179.7	16.49	34.34	32.15	30.94	-2.192	-3.398	30.13	14.34	1140	887	0
8/22/2014 13:00	74898	15	234	4.266	194	17.16	5.702	187.8	13.79	6.484	187	12.6	34.2	32.24	31.12	-1.959	-3.085	29.38	13.84	966	887	0
8/22/2014 13:15	74899	15	234	3.849	207.5	21.29	5.129	201.1	19.6	5.984	199	19.7	34.25	32.36	31.43	-1.895	-2.825	29.15	13.77	985	887	0
8/22/2014 13:30	74900	15	234	4.183	204	23.38	5.645	200	23	6.782	198.2	19.92	35.01	33.08	31.76	-1.939	-3.258	28.3	13.96	1064	887	0
8/22/2014 13:45	74901	15	234	4.061	198.8	25.41	5.587	192.4	22.91	6.728	190.4	21.08	34.09	32.46	31.42	-1.635	-2.675	28.46	13.26	662.3	887	0
8/22/2014 14:00	74902	15	234	3.806	182.7	28.5	5.179	177.6	25.94	5.989	177.1	21.79	34.86	32.84	31.76	-2.021	-3.108	28.12	13.73	1099	887	0
8/22/2014 14:15	74903	15	234	3.558	199.7	29.47	4.694	195.4	24.95	5.751	197	17.07	34.94	33	31.99	-1.948	-2.956	27.07	13.22	1063	886	0
8/22/2014 14:30	74904	15	234	4.131	193	27.93	5.866	186.8	24.54	6.662	186.3	19.69	34.65	32.96	32.04	-1.691	-2.611	27.32	13.11	689.3	886	0
8/22/2014 14:45	74905	15	234	3.353	209.4	25.34	4.549	203.9	18.9	5.756	197.7	13.62	34.74	33.11	32.13	-1.628	-2.616	27.32	13.18	838	886	0
8/22/2014 15:00	74906	15	234	3.623	200.9	20.84	4.929	195.8	19.21	5.807	191.1	18.68	35.24	33.41	32.23	-1.832	-3.01	25.31	12.45	824	886	0
8/22/2014 15:15	74907	15	234	3.586	170.6	19.38	5.301	162.8	15.85	6.559	159.1	16.01	33.78	32.92	32.15	-0.865	-1.633	27.07	12.24	176.4	885	0
8/22/2014 15:30	74908	15	234	4.632	191.7	30.95	6.74	185.5	29.18	8.57	182.7	28.18	32.23	31.77	31.05	-0.459	-1.177	30.65	12.71	55.77	886	0
8/22/2014 15:45	74909	15	234	5.828	259.3	17.73	9.24	254.7	15.14	11.75	253.3	13.12	28.03	27.42	26.74	-0.606	-1.291	44.86	14.94	55.17	886	0
8/22/2014 16:00	74910	15	234	4.725	290.2	12.78	6.299	286.3	8.63	9.7	281.8	4.727	26.89	26.11	25.69	-0.772	-1.195	46.95	14.63	53.84	886	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/22/2014 16:15	74911	15	234	3.278	298.2	11.54	3.559	293.3	7.029	6.374	274.7	8.21	27.45	26.86	27.88	-0.595	0.429	43.51	13.94	70.44	886	0
8/22/2014 16:30	74912	15	234	1.63	298	14.85	1.888	287.7	10.6	3.656	255.4	7.069	28.42	28.03	28.58	-0.389	0.157	39.19	13.22	81	886	0
8/22/2014 16:45	74913	15	234	1.247	241.4	32.46	1.786	235.4	31.32	3.403	222	13.93	29.4	29.02	28.93	-0.372	-0.462	36.2	12.87	101.2	886	0
8/22/2014 17:00	74914	15	234	5.842	185.6	16.27	8.58	179.5	13.79	11.05	176.2	13.26	29.22	28.89	28.4	-0.33	-0.822	35.68	12.49	72.06	886	0
8/22/2014 17:15	74915	15	234	5.331	137.7	15.44	8.29	130.6	11.5	11.22	127.4	9.48	29.73	29.49	29.64	-0.249	-0.092	28.13	9.34	91.8	885	0
8/22/2014 17:30	74916	15	234	2.935	156.4	14.2	4.322	148.3	10.64	5.628	143.5	9.68	29.82	29.66	29.42	-0.157	-0.405	27.64	9.17	84	885	0
8/22/2014 17:45	74917	15	234	1.789	155.1	14.77	2.64	146.8	11.18	4.208	143.6	10.72	28.71	28.6	28.63	-0.109	-0.075	31.91	10.35	51.57	885	0
8/22/2014 18:00	74918	15	234	1.804	189.5	31.39	2.68	180.1	32.38	4.337	180.1	23.48	28.47	28.41	28.7	-0.054	0.236	35.17	11.62	65.87	886	0
8/22/2014 18:15	74919	15	234	2.594	169.8	45.16	3.739	168.1	43.2	4.795	171.8	41.85	27.66	27.56	27.23	-0.105	-0.431	40.46	13	32.35	887	0
8/22/2014 18:30	74920	15	234	3.994	124	19.23	5.788	119.8	15.53	7.111	119.3	11.41	25.29	25.05	24.64	-0.237	-0.65	53.57	15.16	7.465	887	0
8/22/2014 18:45	74921	15	234	2.576	133.4	16.09	3.825	129.3	10.76	6.04	131	6.043	25.05	24.86	24.7	-0.199	-0.352	58.42	16.35	2.222	887	0
8/22/2014 19:00	74922	15	234	0.989	132.3	39.93	1.495	127.6	33.56	2.997	121.6	18.96	25.23	25.08	24.77	-0.148	-0.46	57.27	16.2	0.812	887	0
8/22/2014 19:15	74923	15	234	1.451	182.3	28.08	2.185	176.2	26.22	2.857	168.1	22.84	25.34	25.2	24.84	-0.138	-0.499	56.43	16.07	0.781	887	0
8/22/2014 19:30	74924	15	234	4.784	170.9	20.25	7.066	167.6	17.02	9.04	174.2	9.99	24.66	24.52	24.08	-0.134	-0.58	59.25	16.15	1.377	888	0
8/22/2014 19:45	74925	15	234	7.446	172.1	14.63	10.79	165.6	11.46	13.93	163.8	10.76	22.54	22.28	21.89	-0.264	-0.646	70.23	16.86	1.921	889	0
8/22/2014 20:00	74926	15	234	4.896	138.6	18.54	7.61	132.8	15.19	11.45	135.2	10.11	20.8	20.81	20.96	0.012	0.16	82.4	17.68	1.664	889	0
8/22/2014 20:15	74927	15	234	3.65	112.9	13.96	5.806	108.2	10.07	9.23	111.3	7.332	20.34	20.51	21.36	0.171	1.022	89.5	18.58	1.599	888	0.254
8/22/2014 20:30	74928	15	234	2.935	103.8	11.44	4.87	98.9	6.721	8.41	112.5	3.523	20.69	21.12	23.77	0.43	3.083	86.7	18.41	1.339	888	0
8/22/2014 20:45	74929	15	234	3.085	113.5	12.94	5.295	109	8.54	8.74	119.9	5.152	20.87	21.52	24.06	0.656	3.19	83.9	18.06	1.45	888	0
8/22/2014 21:00	74930	15	234	3.507	130	12.49	5.806	124.3	7.168	10.72	128.7	2.445	20.96	21.68	24.09	0.723	3.13	80.5	17.49	1.624	888	0
8/22/2014 21:15	74931	15	234	3.17	133.3	12.41	5.113	128.5	7.915	9.27	131.1	4.869	21.38	22.09	23.19	0.707	1.805	77.68	17.34	1.767	888	0
8/22/2014 21:30	74932	15	234	2.83	135	12.15	4.74	128.4	7.271	8.37	129.3	4.367	21.35	22	22.89	0.649	1.537	77.97	17.37	1.477	888	0
8/22/2014 21:45	74933	15	234	2.39	129.6	12.74	4.138	123.3	7.113	7.143	126.7	3.963	21.45	22.07	22.72	0.615	1.269	78.1	17.49	1.149	888	0
8/22/2014 22:00	74934	15	234	2.005	123.7	11.99	3.753	118.8	6.13	6.952	129.2	4.101	21.34	22.06	23.28	0.721	1.942	78.61	17.49	1.399	888	0
8/22/2014 22:15	74935	15	234	1.201	124.7	10.44	2.783	120.6	5.246	5.866	130.9	2.813	21.08	21.93	23.11	0.851	2.027	79.93	17.5	1.065	887	0
8/22/2014 22:30	74936	15	234	0.48	154	15.95	1.677	123.8	7.015	5.198	128.7	3.764	20.92	21.66	23.29	0.741	2.366	82.7	17.89	1.152	887	0
8/22/2014 22:45	74937	15	234	0.597	126	19.11	2.006	116	6.343	5.367	127.3	4.012	21.25	22.2	23.81	0.949	2.558	82.6	18.19	1.004	888	0
8/22/2014 23:00	74938	15	234	1.056	260.4	25.1	1.754	221.5	50.42	3.427	159.8	29.12	21.5	22.41	23.42	0.913	1.923	82.4	18.4	0.94	888	0
8/22/2014 23:15	74939	15	234	0.939	309.4	66.75	1.52	303.5	39.29	2.166	253.8	45.18	21.46	21.82	22.39	0.368	0.938	80.3	17.93	0.635	888	0
8/22/2014 23:30	74940	15	234	0.711	311.4	53.91	1.011	265.4	39.19	1.543	206.3	21.29	21.55	22.23	22.8	0.681	1.25	80.4	18.04	0.597	888	0
8/22/2014 23:45	74941	15	234	0.954	203.2	43.48	1.981	211	14.97	3.422	199.7	8.58	21.92	23	23.61	1.073	1.683	79.39	18.21	0.918	888	0
8/23/2014 0:00	74942	15	235	2.124	195.5	14.87	3.861	193.4	8.08	5.68	190.1	6.983	22.01	22.78	23.35	0.765	1.338	79.3	18.28	0.951	888	0
8/23/2014 0:15	74943	15	235	2.722	213.7	12.95	4.176	208.6	8.19	6.133	208.3	7.576	21.61	21.83	21.73	0.217	0.114	77.11	17.44	1.072	888	0
8/23/2014 0:30	74944	15	235	0.945	193.2	25.29	1.863	199.1	8.94	3.509	194	6.331	21.07	21.35	21.46	0.28	0.394	80.4	17.58	0.774	888	0
8/23/2014 0:45	74945	15	235	0.514	15.18	92.5	0.749	247.5	37.67	1.87	215.3	19.36	21.07	21.42	21.63	0.356	0.565	82.3	17.95	0.617	888	0
8/23/2014 1:00	74946	15	235	0.457	3.596	46.71	0.767	269	50.38	0.941	260.7	25.34	21.1	21.44	21.35	0.341	0.25	83.6	18.23	0.494	888	0
8/23/2014 1:15	74947	15	235	0.624	11.25	14.67	1.214	337	8.85	0.949	265	18.31	21.08	21.45	21.53	0.372	0.453	82.8	18.05	0.5	888	0
8/23/2014 1:30	74948	15	235	0.693	174.7	82.9	0.916	298.7	72.04	1.461	229.6	25.01	21	21.49	21.46	0.484	0.461	84.1	18.23	0.538	888	0.508
8/23/2014 1:45	74949	15	235	0.8	178.1	28.96	1.349	195.8	16.18	2.564	208.7	11.89	20.49	21.38	21.43	0.889	0.936	89.1	18.64	0.644	888	0.254
8/23/2014 2:00	74950	15	235	1.091	214.4	14.37	2.037	213.1	12.95	3.68	218.8	7.619	20.68	21.35	21.63	0.669	0.956	88.8	18.77	0.891	888	0
8/23/2014 2:15	74951	15	235	0.906	170.4	25.9	1.576	186.8	22.68	2.864	195	14.84	20.54	21.09	21.67	0.552	1.131	89.4	18.75	0.678	888	0
8/23/2014 2:30	74952	15	235	1.266	152.5	12.72	2.621	157.7	11.13	4.264	174.9	8.53	20.46	21.28	22.11	0.824	1.65	91.1	18.98	0.895	888	0
8/23/2014 2:45	74953	15	235	1.641	173.2	13.21	3.257	169.2	8.78	5.168	177.3	5.81	20.62	21.53	22.12	0.913	1.496	87.6	18.5	1.071	888	0
8/23/2014 3:00	74954	15	235	1.244	188.7	14	2.636	181.2	6.25	4.996	180.8	4.438	20.48	21.15	21.82	0.672	1.341	88.4	18.5	1.059	888	0
8/23/2014 3:15	74955	15	235	0.99	176.5	17.41	2.117	173.5	10.06	4.518	174.5	4.942	20.41	21.04	21.7	0.624	1.287	89.1	18.58	0.967	888	0
8/23/2014 3:30	74956	15	235	1.068	187	12.16	2.269	177.6	5.85	4.019	169.9	3.187	20.3	21.08	21.41	0.784	1.117	88.1	18.28	0.773	888	0
8/23/2014 3:45	74957	15	235	1.091	177.9	13.71	2.273	172.8	8.06	4.74	172.8	4.38	20.21	20.94	21.4	0.722	1.184	88.6	18.28	0.92	888	0
8/23/2014 4:00	74958	15	235	1.343	167.5	18.35	2.513	163.7	12.38	4.938	171.6	5.739	20.29	21.01	21.55	0.722	1.264	85.9	17.86	1.075	888	0
8/23/2014 4:15	74959	15	235	1.286	171.3	14.43	2.601	164	8.89	4.505	179.6	7.855	20.33	21.18	21.86	0.847	1.531	84.4	17.64	1.137	887	0
8/23/2014 4:30	74960	15	235	1.117	156.6	20.2	2.716	152.5	9.78	4.319	182.5	6.785	20.14	21.13	22.17	0.992	2.026	85.8	17.71	0.892	888	0
8/23/2014 4:45	74961	15	235	1.687	142.9	11.9	3.418	139.3	8.65	5.026	164.6	10.63	20.26	21.18	22.27	0.921	2.011	85	17.66	1.096	888	0
8/23/2014 5:00	74962	15	235	1.235	137.4	14.21	2.811	138	8.2	3.737	183	9.94	20.23	21.57	22.56	1.34	2.328	84.7	17.58	0.775	888	0
8/23/2014 5:15	74963	15	235	1.274	135.8	13.97	2.97	141.6	6.636	3.947	180.5	7.073	20.15	21.54	22.56	1.392	2.409	85.4	17.64	1.062	888	0
8/23/2014 5:30	74964	15	235	0.55	116.8	66.29	1.81	133.9	10.06	2.682	195.3	8.5	19.98	21.44	22.49	1.456	2.503	87.3	17.82	1.623	888	0
8/23/2014 5:45	74965	15	235	0.664	71.19	81.7	1.842	145.2	11.33	2.794	194.3	13.81	19.88	21.3	22.44	1.43	2.567	88.5	17.94	6.587	888	0
8/23/2014 6:00	74966	15	235	1.405	140.8	9.37	2.999	136.2	3.532	3.235	174.7	4.463	20.19	21.41	22.58	1.215	2.388	86.4	17.87	21.73	888	0
8/23/2014 6:15	74967	15	235	1.79	137.7	11.79	3.27	135.2	5.586	3.937	161.9	10.18	20.47	21.24	22.41	0.77	1.936	85.1	17.89	40.53	888	0
8/23/2014 6:30	74968	15	235	1.854	148.2	11.52	3.558	143.2	6.651	5.095	161	7.048	20.74	21.31	22.6	0.57	1.853	83.9	17.93	63.9	888	0
8/23/2014 6:45	74969	15	235	1.554	152.8	10.66	2.984	150.4	5.695	5.304	166.3	4.285	21.15	21.62	22.84	0.478	1.697	83.2	18.19	99.6	888	0

WIPP Validated Metdata 8/11/14 - 8/24/14

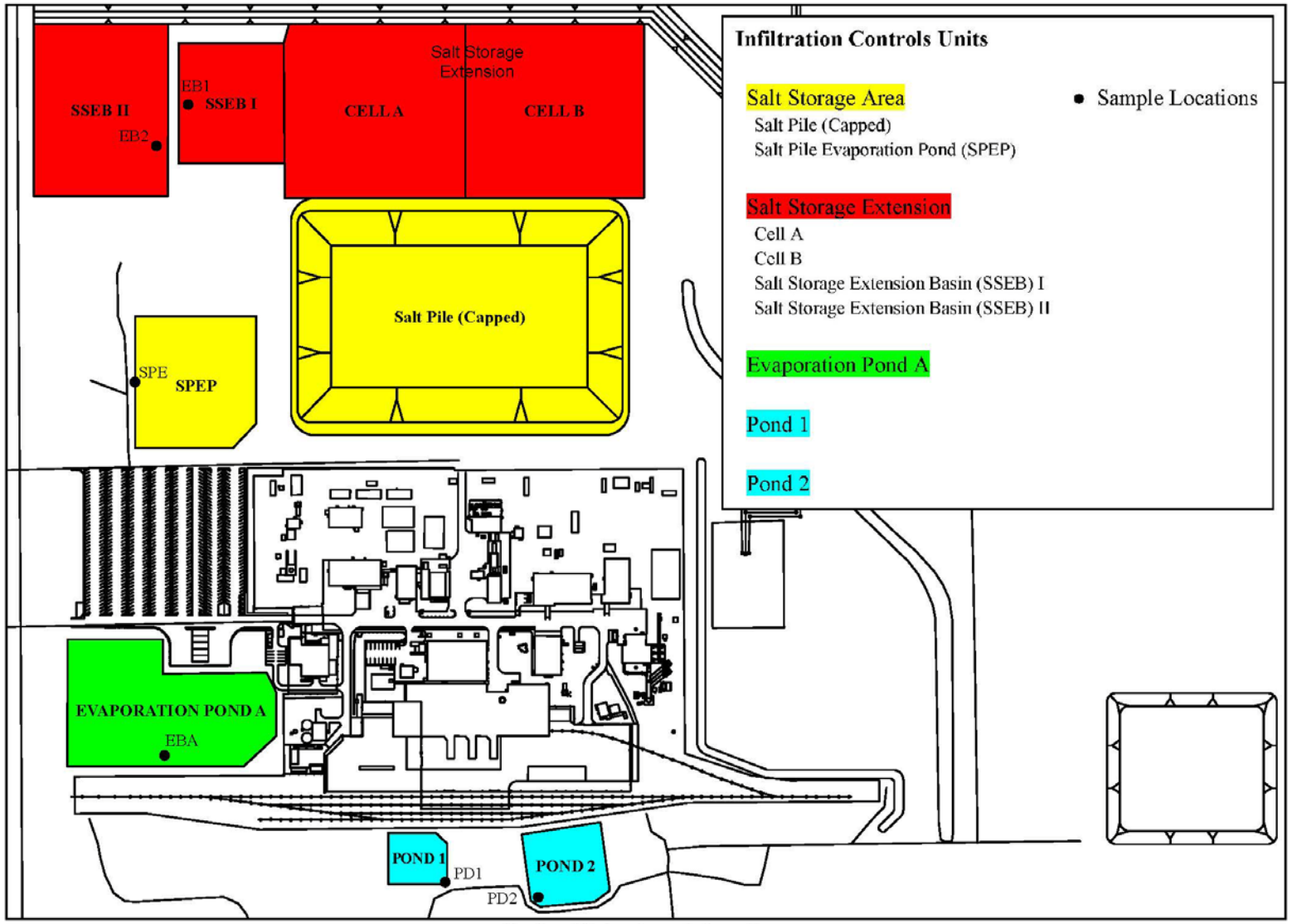
Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
8/23/2014 7:00	74970	15	235	1.548	146.9	13.06	2.726	143.3	7.458	5.086	157.1	3.472	21.74	22.01	22.66	0.268	0.915	79.31	18.02	137.1	888	0
8/23/2014 7:15	74971	15	235	1.456	149.8	15.09	2.299	143.9	8.99	4.33	150.2	3.873	22.76	22.7	22.93	-0.061	0.17	74.31	17.96	251.2	888	0
8/23/2014 7:30	74972	15	235	1.633	157.8	16.38	2.438	152.6	9.55	3.542	152.5	7.524	23.32	23.31	23.07	-0.014	-0.254	68.35	17.18	222.2	888	0
8/23/2014 7:45	74973	15	235	1.253	192.7	22.42	2.043	177.1	15.32	3.525	167.5	7.022	23.4	23.5	23.35	0.097	-0.058	67.48	17.06	192.2	888	0
8/23/2014 8:00	74974	15	235	1.729	176.6	14.12	2.567	169	11.06	4.11	167.8	6.898	23.58	23.66	23.47	0.087	-0.104	65.26	16.69	200.1	888	0
8/23/2014 8:15	74975	15	235	1.823	191.2	14.51	2.589	184.8	12.31	3.493	179	8.3	24.09	23.96	23.6	-0.128	-0.484	63.88	16.84	259.8	888	0
8/23/2014 8:30	74976	15	235	2.371	183.5	13.63	3.348	178.1	8.82	4.059	176.6	6.074	24.95	24.35	23.88	-0.595	-1.071	60.68	16.83	571.8	888	0
8/23/2014 8:45	74977	15	235	3.15	184.9	17.56	4.289	179.7	14.01	4.779	180.5	9.86	26	25.05	24.31	-0.95	-1.691	53.43	15.82	740.5	888	0
8/23/2014 9:00	74978	15	235	2.912	207.6	22.11	3.801	201.8	19.26	4.248	199.4	13.9	26.52	25.51	24.76	-1.006	-1.759	51.8	15.82	822	888	0
8/23/2014 9:15	74979	15	235	2.95	215.9	17.86	4.04	209.2	14.45	4.58	205	11	27.07	25.81	25.04	-1.26	-2.029	52.04	16.4	831	888	0
8/23/2014 9:30	74980	15	235	2.86	201	20.68	3.796	194.9	15.65	4.343	193.3	12.17	27.77	26.45	25.62	-1.315	-2.152	51.57	16.9	883	888	0
8/23/2014 9:45	74981	15	235	2.82	203	17.58	3.798	199.7	12.97	4.624	199.6	9.91	28.03	26.78	25.93	-1.247	-2.102	49.53	16.51	704.2	888	0
8/23/2014 10:00	74982	15	235	3.187	197.6	17.47	4.437	191.3	14.16	4.988	186	8.77	28.21	26.98	26.14	-1.238	-2.073	48.27	16.26	650.9	888	0
8/23/2014 10:15	74983	15	235	3.816	175.2	17.31	5.135	170.4	13.55	5.714	169.1	9.08	27.75	26.65	25.92	-1.1	-1.832	47.39	15.56	568.9	888	0
8/23/2014 10:30	74984	15	235	3.659	170.3	14.25	5.172	164.1	11.01	5.77	161.6	7.786	28.15	26.75	25.87	-1.4	-2.279	47.41	15.92	780.3	888	0
8/23/2014 10:45	74985	15	235	3.347	179.4	22.26	4.587	173.8	16.95	5.223	173.4	15.03	28.92	27.43	26.52	-1.491	-2.403	44.96	15.79	846	888	0
8/23/2014 11:00	74986	15	235	3.653	167.8	17.48	4.913	161.8	14.24	5.563	162.4	13.3	29.38	27.53	26.59	-1.846	-2.788	45.32	16.34	1099	888	0
8/23/2014 11:15	74987	15	235	2.898	166.1	21	3.895	160.1	17.35	4.498	162.1	13.67	29.88	28	27.03	-1.884	-2.857	43.74	16.24	1143	887	0
8/23/2014 11:30	74988	15	235	3.272	178.8	18.25	4.36	175.2	12.37	4.879	173.7	14.28	30.35	28.37	27.27	-1.98	-3.082	41.98	16.01	1191	887	0
8/23/2014 11:45	74989	15	235	3.003	172.9	21.59	3.836	167.1	16.46	4.5	167.1	18.08	30.72	28.81	27.81	-1.91	-2.908	41.38	16.12	1328	887	0
8/23/2014 12:00	74990	15	235	2.414	175.4	44.53	3.122	169.9	33.62	3.72	170.7	25.97	30.83	29.24	28.26	-1.593	-2.572	40.47	15.87	1260	887	0
8/23/2014 12:15	74991	15	235	2.787	181.7	22.05	3.596	175.9	19.03	4.178	175	15.57	31.2	29.54	28.56	-1.663	-2.638	37.61	15.04	877	887	0
8/23/2014 12:30	74992	15	235	2.435	172.6	36.72	3.109	168.3	32.29	3.489	177.4	18.64	31.26	29.68	28.93	-1.578	-2.333	34.48	13.77	885	887	0
8/23/2014 12:45	74993	15	235	2.142	166.5	53.31	2.693	159	46.19	3.452	179.5	29.51	31.83	30.48	29.47	-1.35	-2.359	33.36	13.75	1245	886	0
8/23/2014 13:00	74994	15	235	2.715	205.1	37.92	3.365	193.5	31.33	3.75	183.8	22.61	32.77	30.9	29.86	-1.868	-2.909	31.28	13.57	1223	886	0
8/23/2014 13:15	74995	15	235	2.799	184.6	38.49	3.763	174.3	33.61	4.294	173.5	34.74	32.75	31.14	30.2	-1.608	-2.549	32.69	14.24	993	886	0
8/23/2014 13:30	74996	15	235	3.142	147.4	35.48	4.152	141.1	30.82	4.702	137.1	28.44	32.64	30.96	30.05	-1.674	-2.581	33.92	14.71	1068	886	0
8/23/2014 13:45	74997	15	235	2.936	180.6	30.72	3.73	174.4	25.05	4.093	179.2	17.63	33.55	31.52	30.56	-2.031	-2.99	30.45	13.82	1076	886	0
8/23/2014 14:00	74998	15	235	2.852	190.2	45.2	3.643	185.5	35.26	4.054	186.8	26.8	33.01	31.29	30.46	-1.716	-2.552	32.6	14.41	1082	885	0
8/23/2014 14:15	74999	15	235	2.885	164.9	30.86	3.831	162	25.24	4.883	161.9	21.22	32.98	31.49	30.68	-1.495	-2.303	33.5	14.82	736.5	885	0
8/23/2014 14:30	75000	15	235	4.007	167.3	19.87	5.304	164.9	15.08	6.086	166.6	10.55	33.01	31.41	30.4	-1.597	-2.608	34.76	15.42	696.5	885	0
8/23/2014 14:45	75001	15	235	3.736	171.6	22.04	4.961	167.3	17.23	5.668	164.2	10.89	33.13	31.56	30.66	-1.564	-2.465	34.57	15.43	695.2	885	0
8/23/2014 15:00	75002	15	235	3.66	164.4	20.72	5.091	160.2	18.27	6.037	157.4	12.79	32.34	31.28	30.53	-1.066	-1.813	35.79	15.28	386.5	885	0
8/23/2014 15:15	75003	15	235	2.919	197.7	45.46	3.917	193.7	41.34	4.834	189.4	32.44	33.5	32.05	31.06	-1.452	-2.441	32.52	14.81	752.9	885	0
8/23/2014 15:30	75004	15	235	4.515	186.5	17.83	6.307	180.6	14.5	7.265	176.6	12.34	33.18	31.81	30.9	-1.369	-2.281	34.13	15.28	551.6	885	0
8/23/2014 15:45	75005	15	235	3.99	165.7	14.82	5.306	159.4	11.61	6.285	155.3	10.49	33.41	31.9	31.08	-1.512	-2.336	33.53	15.21	743.1	884	0
8/23/2014 16:00	75006	15	235	3.974	170.3	18.24	5.483	164.9	13.76	6.39	163.6	8.78	33.07	31.88	31	-1.184	-2.064	33.01	14.67	452.3	884	0
8/23/2014 16:15	75007	15	235	4.208	183.8	14.89	6.155	178.1	11.29	7.606	174.2	8.9	32.11	31.46	30.75	-0.65	-1.358	34.47	14.5	198.2	884	0
8/23/2014 16:30	75008	15	235	4.191	167.2	13.64	5.988	160.1	10.38	7.104	159.7	7.436	32.7	31.74	30.93	-0.959	-1.771	33.79	14.71	442.2	884	0
8/23/2014 16:45	75009	15	235	4.1	165.4	16.06	5.956	157.8	11.72	7.22	155.1	9.03	32.58	31.81	31.05	-0.775	-1.534	32.18	13.85	261	884	0
8/23/2014 17:00	75010	15	235	4.312	154.2	14	6.379	147.1	9.64	7.528	143.6	8.53	32.63	31.95	31.27	-0.685	-1.358	30.73	13.18	315.2	884	0
8/23/2014 17:15	75011	15	235	4.448	163.2	16.2	6.25	155.8	11.34	7.363	154.5	9.48	32.88	32.08	31.31	-0.801	-1.568	29.47	12.76	363.6	884	0
8/23/2014 17:30	75012	15	235	4.411	164.6	14.66	6.496	159.1	10.16	7.85	156.8	8.37	32.36	31.91	31.28	-0.455	-1.082	28.87	12.01	181.6	884	0
8/23/2014 17:45	75013	15	235	4.156	171.1	12.51	6.059	165.6	8.76	8.08	163	5.983	31.47	31.43	31.03	-0.045	-0.443	29.07	11.34	39.28	884	0
8/23/2014 18:00	75014	15	235	3.634	167.6	11.51	5.392	162	8.42	7.477	159.3	5.77	30.86	30.95	30.69	0.094	-0.169	29.44	11.01	23.28	884	0
8/23/2014 18:15	75015	15	235	3.039	160	12.59	4.703	153.3	8.22	6.425	151.3	5.423	30.39	30.54	30.35	0.155	-0.042	31.03	11.4	24.4	884	0
8/23/2014 18:30	75016	15	235	2.645	154.4	13.22	4.431	146.9	8.02	6.771	146.1	4.867	30.05	30.31	30.2	0.26	0.152	32.44	11.78	19.72	884	0
8/23/2014 18:45	75017	15	235	2.344	142.2	13.4	3.956	136.5	8.19	6.153	139.5	5.286	29.57	29.97	30.05	0.402	0.474	33.24	11.73	4.119	884	0
8/23/2014 19:00	75018	15	235	2.028	150.5	11.74	3.446	144.7	8.11	6.153	147.1	4.521	28.98	29.49	29.73	0.513	0.754	34.86	11.93	1.41	885	0
8/23/2014 19:15	75019	15	235	2.251	156.4	12.49	3.706	150	7.907	6.245	150	4.487	28.86	29.33	29.52	0.476	0.665	35.72	12.2	1.217	885	0
8/23/2014 19:30	75020	15	235	1.763	151.3	12.68	3.209	144.6	7.15	5.705	148.5	4.042	28.43	28.97	29.22	0.541	0.793	37.2	12.43	1.031	885	0
8/23/2014 19:45	75021	15	235	1.212	137.9	12.75	2.518	135.2	7.806	5.121	143.2	4.218	27.72	28.46	28.9	0.738	1.176	39.32	12.65	0.976	885	0
8/23/2014 20:00	75022	15	235	1.385	137.4	12.03	2.838	135	7.157	5.838	146.8	4.149	27.27	28.15	28.82	0.879	1.553	41.17	12.95	0.959	885	0
8/23/2014 20:15	75023	15	235	2.002	146.4	12.66	3.585	142.1	8.31	6.692	149.3	4.617	27.61	28.12	28.67	0.505	1.062	41.3	13.31	1.237	885	0
8/23/2014 20:30	75024	15	235	2.471	160.3	12.02	3.957	154.3	7.484	6.794	157.6	4.91	27.78	28.18	28.48	0.397	0.694	41.66	13.59	1.327	885	0
8/23/2014 20:45	75025	15	235	2.557	168.3	11.59	4.185	162.6	7.941	7.247	165.1	4.443	27.66	28	28.23	0.347	0.577	43.08	14	1.315	885	0
8/23/2014 21:00	75026	15	235	2.277	177.3	12.54	3.735	170	8.82	6.805	172	4.664	27.23	27.7	28.07	0.465	0.835	44.81	14.22	1.227	886	0
8/23/2014 21:15	75027	15	235	1.798	186.7	19.56	3.268	183.1	12.33	5.898	182.1	5.284	26.55	27.28	27.68	0.729	1.126	47.06	14.36	1.158	886	0
8/23/2014 21:30	75028	15	235	1.197	190.5	17.9	2.399	182.7	11.13	5.124	180.3	5.311	25.97	26.75	27.15	0.776	1.177	49.42	14.58	1	886	0

WIPP Validated Metdata 8/11/14 - 8/24/14

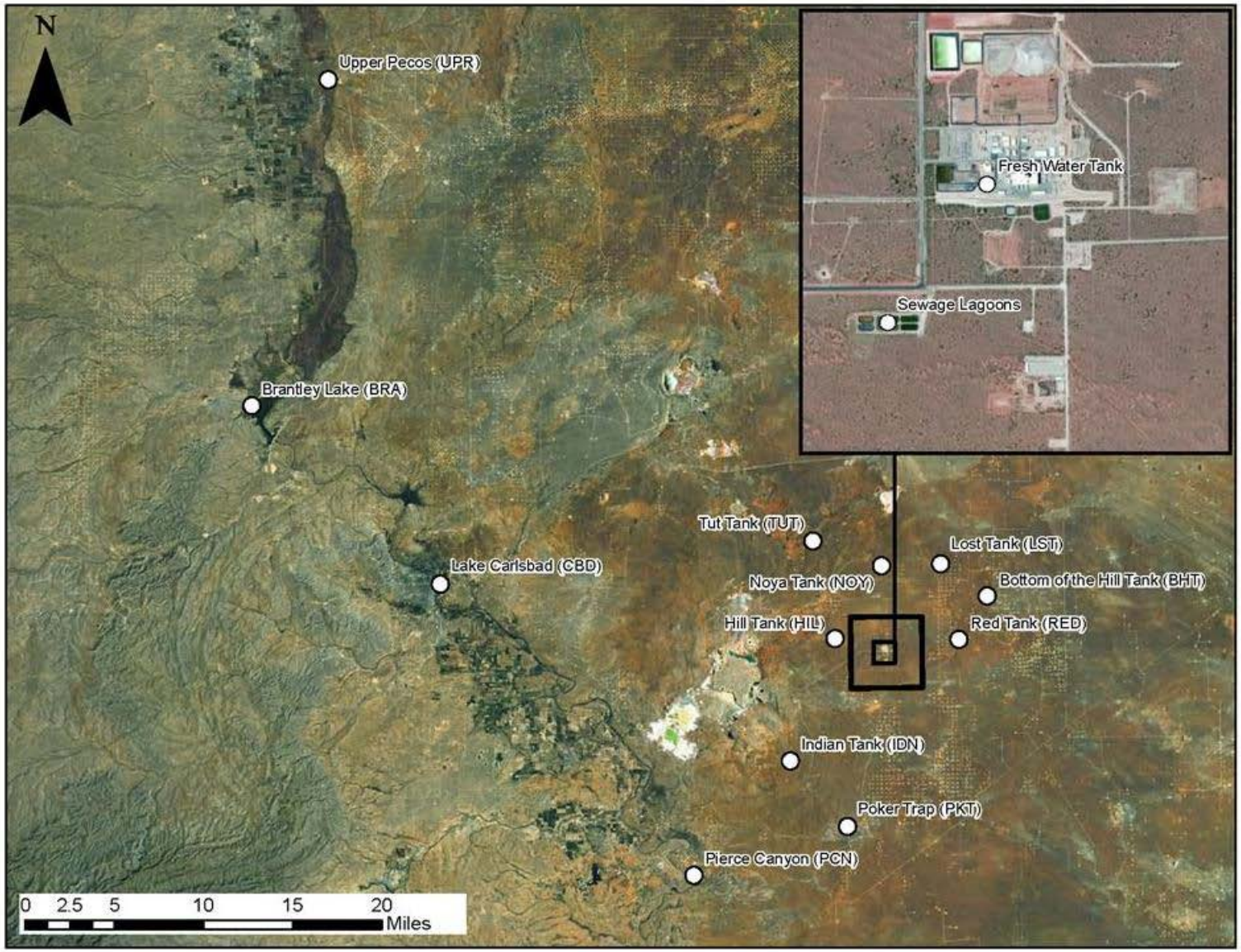
Date & Time	Day	15 min	Juli date	2WS m/s	2WD Deg	2SD	10WS m/s	10WD Deg	10SD	50WS m/s	50WD Deg	50SD	2M T Deg C	10M T Deg C	50M T Deg C	10 DT	50 DT	RH %	DPT Deg C	SR	BP mB	prcp mm
8/23/2014 21:45	75029	15	235	1.872	164.2	10.21	3.459	162.2	5.859	6.239	173.7	4.154	25.87	26.57	27.16	0.7	1.293	50.86	14.94	1.251	886	0
8/23/2014 22:00	75030	15	235	1.781	164.5	10.04	3.281	162.6	5.422	5.722	171.7	3.232	25.59	26.3	26.73	0.713	1.142	51.84	14.98	1.181	886	0
8/23/2014 22:15	75031	15	235	0.976	168.7	12.38	2.232	163	7.347	5.231	171.2	4.405	24.96	25.81	26.43	0.85	1.468	54.24	15.1	1.173	886	0
8/23/2014 22:30	75032	15	235	0.849	179.3	19.37	2.24	165.7	9.33	5.522	172.5	3.521	24.58	25.55	26.44	0.974	1.864	56.13	15.28	1.049	886	0
8/23/2014 22:45	75033	15	235	0.655	212.1	21.83	1.629	179.8	10.89	5.245	177.5	3.887	24.53	25.28	26.31	0.757	1.781	56.63	15.36	1.195	886	0
8/23/2014 23:00	75034	15	235	0.386	238.2	26.23	1.224	184.3	11.64	4.628	179.8	4.031	24.27	25.24	26.25	0.97	1.977	57.6	15.4	1.089	886	0
8/23/2014 23:15	75035	15	235	0.646	190.2	25.38	1.478	187.6	10.22	4.634	185.6	3.871	24.31	25.5	26.33	1.19	2.018	57.12	15.3	1.011	886	0
8/23/2014 23:30	75036	15	235	1.058	163.7	26.21	2.23	169.6	11.59	4.583	175.7	8.74	23.77	25.54	26.18	1.771	2.414	57.87	14.99	0.987	886	0
8/23/2014 23:45	75037	15	235	1.209	152.1	11.12	2.597	157.3	6.074	4.582	161.3	6.298	24.2	25.42	25.95	1.223	1.747	57.23	15.22	1.131	886	0
8/24/2014 0:00	75038	15	236	1.504	145.5	10.22	3.14	144.8	5.184	5.342	155.4	4.231	24.61	25.58	26.32	0.975	1.712	55.48	15.12	1.121	886	0
8/24/2014 0:15	75039	15	236	2.021	155.9	11.59	3.687	150.7	5.887	6.055	153.3	3.561	25.42	26.08	26.75	0.666	1.333	52.26	14.94	1.221	886	0
8/24/2014 0:30	75040	15	236	1.708	158.9	13.15	3.157	148.7	8.32	5.949	152.4	3.172	25.47	26.13	26.9	0.657	1.432	50.32	14.41	0.959	886	0
8/24/2014 0:45	75041	15	236	1.26	143.8	12.38	2.894	139.7	6.326	5.223	147.1	5.132	24.58	25.69	26.52	1.11	1.934	52.07	14.12	0.979	886	0
8/24/2014 1:00	75042	15	236	1.499	143.9	14.66	3.124	139.7	9.71	5.689	144.8	6.766	24.42	25.6	26.51	1.175	2.086	52.55	14.11	1.082	885	0
8/24/2014 1:15	75043	15	236	1.185	132.3	14.89	2.544	130.8	9.61	5.18	140.1	5.189	24.11	25.3	25.94	1.192	1.834	52.09	13.68	0.962	885	0
8/24/2014 1:30	75044	15	236	1.172	126.7	15.97	2.665	124.8	7.989	5.266	138.5	4.02	23.84	24.9	25.68	1.066	1.845	53.06	13.71	0.939	885	0
8/24/2014 1:45	75045	15	236	0.615	141	20.4	1.983	128.8	8.93	5.373	134.3	4.508	23.14	24.08	25.28	0.944	2.138	55.99	13.9	1.086	885	0
8/24/2014 2:00	75046	15	236	1.773	132.6	12.22	3.529	125.9	6.452	6.737	133.8	3.835	23.08	23.95	24.93	0.873	1.856	57.7	14.3	1.12	885	0
8/24/2014 2:15	75047	15	236	2.005	140.2	10.91	3.744	132.9	6.478	6.884	140.5	3.299	23.14	23.84	24.82	0.698	1.681	56.48	14.04	1.276	885	0
8/24/2014 2:30	75048	15	236	1.851	142	12.82	3.389	134.7	6.833	6.328	141	3.339	23.04	23.71	24.5	0.676	1.467	56.67	13.99	1.072	885	0
8/24/2014 2:45	75049	15	236	1.524	141.3	10.81	3.131	134.8	5.432	5.84	144.7	2.792	22.53	23.41	24.52	0.884	1.988	58.53	14.01	1.102	885	0
8/24/2014 3:00	75050	15	236	1.028	147.2	10.08	2.739	138.7	5.702	5.688	153.1	4.303	21.95	23.26	24.71	1.31	2.758	60.79	14.06	1.029	885	0
8/24/2014 3:15	75051	15	236	0.776	142.8	12.57	2.452	147.9	6.007	5.842	164.8	3.88	21.84	23.44	25.15	1.595	3.305	61.33	14.09	0.975	885	0
8/24/2014 3:30	75052	15	236	0.357	227.3	85.7	1.619	148.4	10.63	5.186	168.7	3.124	21.89	23.3	25.24	1.415	3.354	61.06	14.06	0.997	885	0
8/24/2014 3:45	75053	15	236	0.391	153.4	20.24	1.776	157.3	8.37	4.757	175.5	4.785	21.64	23.58	25	1.944	3.365	62.01	14.07	0.978	886	0
8/24/2014 4:00	75054	15	236	0.29	121.1	34.97	1.549	155.7	5.811	4.258	176.3	3.408	21.42	23.45	24.7	2.029	3.271	61.82	13.81	0.892	886	0
8/24/2014 4:15	75055	15	236	0.639	93.2	15.82	2.024	133.6	6.03	4.111	160.6	6.403	20.84	23.22	24.48	2.377	3.641	63.7	13.73	0.91	886	0
8/24/2014 4:30	75056	15	236	0.938	70.06	44.8	2.46	102.2	11.04	3.964	145	9.42	20.35	22.77	24.62	2.413	4.263	65.94	13.8	0.843	886	0
8/24/2014 4:45	75057	15	236	0.833	75.93	27.06	2.698	100	6.039	3.882	133.4	7.614	19.93	22.23	24.39	2.306	4.464	68.18	13.9	0.767	886	0
8/24/2014 5:00	75058	15	236	1.267	105.7	12.16	3.131	103.1	5.023	4.734	123.7	4.712	20.64	22.12	23.97	1.483	3.334	66.57	14.21	0.892	886	0
8/24/2014 5:15	75059	15	236	1.024	113.7	13.13	2.947	108.6	6.104	5.382	134.7	4.567	20.58	22.02	24.24	1.441	3.661	67.16	14.29	1.176	886	0
8/24/2014 5:30	75060	15	236	1.238	120.4	12.46	3.135	117.2	5.988	5.634	141.7	3.862	20.77	22.17	24.18	1.398	3.413	67.17	14.48	3.338	886	0
8/24/2014 5:45	75061	15	236	1.479	137.1	10.54	3.218	128.8	4.659	6.012	150.5	3.418	21.25	22.34	24.2	1.096	2.958	65.74	14.6	16.71	887	0
8/24/2014 6:00	75062	15	236	1.485	140.2	12.14	3.138	132.2	5.625	5.992	151.3	3.975	21.48	22.29	23.85	0.811	2.367	65.54	14.77	54.97	887	0
8/24/2014 6:15	75063	15	236	1.203	145.4	13.76	2.492	137.9	7.06	5.471	155.8	2.627	22.32	22.57	23.62	0.246	1.296	63.29	15.03	107.2	887	0
8/24/2014 6:30	75064	15	236	1.447	150.4	14.01	2.25	142	7.989	4.746	159.6	2.877	23.18	23.02	23.63	-0.163	0.446	60.54	15.14	167.9	887	0
8/24/2014 6:45	75065	15	236	1.888	150.5	13.87	2.799	142.3	8.31	4.205	147.7	5.584	24.11	23.71	23.49	-0.396	-0.615	57.42	15.19	234.5	887	0
8/24/2014 7:00	75066	15	236	2.112	150	13.91	2.887	145.3	8.93	3.394	147	7.437	24.89	24.33	23.83	-0.553	-1.061	54.87	15.21	302.7	887	0
8/24/2014 7:15	75067	15	236	2.022	150	16.99	2.76	144.3	11.78	3.027	143.7	8.86	25.91	25.22	24.63	-0.69	-1.28	51.58	15.2	372.9	887	0
8/24/2014 7:30	75068	15	236	1.933	161.5	17.48	2.544	156	12.77	2.974	154	12.53	26.55	25.74	25.15	-0.813	-1.397	49.1	15.01	439.1	887	0
8/24/2014 7:45	75069	15	236	1.863	178.7	25.62	2.375	171	21.19	2.721	165.8	11.89	27.17	26.28	25.67	-0.887	-1.5	47.06	14.92	512.6	887	0
8/24/2014 8:00	75070	15	236	1.511	172.9	25.54	1.909	170.7	21.71	2.201	175.6	17.39	27.63	26.8	26.12	-0.829	-1.51	45.36	14.77	537.7	887	0
8/24/2014 8:15	75071	15	236	1.546	212.5	27.6	1.864	205.7	22.2	2.281	193.9	17.28	28.01	27.25	26.57	-0.761	-1.441	44.74	14.9	633	887	0
8/24/2014 8:30	75072	15	236	1.877	207.4	27.37	2.35	198.3	20.68	2.746	192.8	14.46	28.67	27.75	27.04	-0.924	-1.633	43.12	14.92	693.1	887	0
8/24/2014 8:45	75073	15	236	1.843	200.1	26.62	2.295	191.9	22.91	2.751	191.7	18.36	29.07	28.07	27.35	-0.996	-1.72	42.02	14.88	748.9	887	0
8/24/2014 9:00	75074	15	236	2.291	204.1	24.7	2.946	196	17.51	3.411	192.4	13.74	29.94	28.64	27.9	-1.306	-2.041	39.83	14.83	797.8	887	0
8/24/2014 9:15	75075	15	236	1.737	189.9	35.58	2.132	188.3	25.98	2.607	195.4	14.89	30.6	29.35	28.46	-1.254	-2.139	38.07	14.72	863	887	0
8/24/2014 9:30	75076	15	236	2.317	200.5	32.79	2.912	197.3	25.93	3.311	197.3	22.14	31.02	29.89	29.08	-1.128	-1.94	36.49	14.43	882	887	0
8/24/2014 9:45	75077	15	236	2.317	189.3	30.42	2.876	185.3	27.51	3.402	188.6	25.24	31.35	30.03	29.21	-1.327	-2.141	35.43	14.26	947	887	0
8/24/2014 10:00	75078	15	236	2.77	225.5	35.29	3.519	222.7	31.44	4.071	221.7	26.23	32.08	30.6	29.68	-1.482	-2.398	34.17	14.34	998	887	0
8/24/2014 10:15	75079	15	236	2.652	232.9	27.86	3.448	227.7	21.69	4.243	218.7	17.18	32.24	30.78	29.96	-1.455	-2.279	32.92	13.91	1035	887	0
8/24/2014 10:30	75080	15	236	2.395	225.3	35.84	3.151	222.3	26.71	3.85	211.3	25.29	32.8	31.32	30.3	-1.48	-2.503	31.86	13.89	1069	887	0
8/24/2014 10:45	75081	15	236	2.719	234.4	36.53	3.651	228.4	31.61	4.359	229.9	27	32.86	31.43	30.46	-1.426	-2.396	31.26	13.64	1095	887	0
8/24/2014 11:00	75082	15	236	3.205	247.1	20.26	4.488	244.2	18.11	5.018	247.1	16.45	33.34	31.58	30.64	-1.766	-2.698	30.23	13.55	1118	887	0
8/24/2014 11:15	75083	15	236	3.018	257.5	29.81	4.119	252.4	25.43	5.199	249.2	18.19	33.59	31.84	30.83	-1.755	-2.764	29.43	13.35	1136	886	0
8/24/2014 11:30	75084	15	236	3.173	246.2	24.21	4.506	241	18.81	5.389	239.2	14.53	34.12	32.32	31.1	-1.802	-3.017	28.23	13.16	1154	886	0
8/24/2014 11:45	75085	15	236	3.44	216.5	30.15	4.464	210.9	26.44	5.301	210.6	18.86	34.66	32.78	31.51	-1.883	-3.153	27.02	12.95	1165	886	0
8/24/2014 12:00	75086	15	236	2.549	228.5	39.94	3.233	222.4	32.96	3.825	215	26.89	34.42	32.91	31.76	-1.51	-2.662	27	12.73	1176	886	0
8/24/2014 12:15	75087	15	236	3.226	213.8	21.33	4.233	208.2	15.93	4.597	203.8	14.82	34.78	32.79	31.8	-1.988	-2.973	25.51	12.17	1197	886	0

WIPP Validated Metdata 8/11/14 - 8/24/14

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
8/24/2014 12:30	75088	15	236	3.066	234.2	34.36	4.092	227.3	28.64	4.837	227.1	18.21	34.92	33.2	32.3	-1.718	-2.621	25.56	12.32	940	886	0
8/24/2014 12:45	75089	15	236	2.896	250.1	29.7	4.069	241.9	26.42	4.803	240.9	20.98	34.55	33.05	32.1	-1.5	-2.445	25.51	11.97	918	886	0
8/24/2014 13:00	75090	15	236	2.049	230.8	51.21	2.744	225.1	44.06	3.458	219.6	33.88	34.1	33.08	32.31	-1.017	-1.791	26.27	12.05	505.9	885	0
8/24/2014 13:15	75091	15	236	2.077	265.1	32.65	2.781	253.6	30.51	3.209	247.7	31.87	34.34	33.34	32.55	-0.998	-1.792	26.36	12.3	561	885	0
8/24/2014 13:30	75092	15	236	2.725	230.5	36.17	3.726	221.4	33.95	4.355	214.4	24.02	35.17	33.58	32.75	-1.587	-2.415	25.38	12.42	910	885	0
8/24/2014 13:45	75093	15	236	3.491	237.9	24.13	4.812	232.7	21.01	5.769	226.2	17.74	33.94	33.19	32.48	-0.75	-1.459	26.04	11.78	240.5	885	0
8/24/2014 14:00	75094	15	236	4.347	208.1	27.35	6.186	201.1	25.99	7.568	196.1	25.31	33.46	32.75	32.03	-0.705	-1.425	28.03	12.48	245.7	885	0
8/24/2014 14:15	75095	15	236	5.932	166.2	13.66	8.22	160.2	9.37	9.55	157.9	6.603	33.1	31.84	31	-1.262	-2.108	29.29	12.85	663	885	0
8/24/2014 14:30	75096	15	236	4.574	170.3	13.77	6.54	163.7	9.97	7.626	161.3	7.24	33.26	32.06	31.15	-1.198	-2.102	28.84	12.75	412.9	885	0
8/24/2014 14:45	75097	15	236	3.741	179.6	13.55	5.391	174.8	9.67	6.479	174.1	7.873	32.7	31.87	31.08	-0.829	-1.618	29.15	12.44	275.4	885	0
8/24/2014 15:00	75098	15	236	3.986	185	15.89	5.828	179.4	11.51	6.973	177.3	8.96	32.82	31.82	31.05	-0.996	-1.761	28.18	12.02	433.3	884	0
8/24/2014 15:15	75099	15	236	3.58	180	21.55	4.827	174.9	18.14	5.535	175.2	15.59	34.78	32.97	31.86	-1.806	-2.918	24.4	11.47	969	884	0
8/24/2014 15:30	75100	15	236	3.72	193.7	18.14	4.913	189.5	13.52	5.593	188.7	10.8	35.4	33.66	32.54	-1.742	-2.862	21	9.77	886	884	0
8/24/2014 15:45	75101	15	236	3.241	188.8	17.84	4.479	182.1	13.18	5.193	175.1	10.67	35.12	33.65	32.83	-1.475	-2.293	20.7	9.32	581.6	884	0
8/24/2014 16:00	75102	15	236	3.713	185.2	19.2	5.27	178.7	16.6	6.29	173.5	14.13	34.3	33.38	32.7	-0.919	-1.598	23.19	10.32	393.9	884	0
8/24/2014 16:15	75103	15	236	4.47	166.1	17.71	6.188	160.4	13.75	7.068	158.8	10.29	35.07	33.68	32.75	-1.396	-2.322	23.54	11.2	628	884	0
8/24/2014 16:30	75104	15	236	4.489	174	16.43	6.176	169.4	12.63	7.424	170.8	10.84	34.93	33.72	32.78	-1.205	-2.146	24.58	11.73	543.6	884	0
8/24/2014 16:45	75105	15	236	4.608	201.8	16.39	6.684	195.3	14.13	7.965	192.7	10.43	34.57	33.51	32.63	-1.061	-1.935	24.9	11.63	477.4	884	0
8/24/2014 17:00	75106	15	236	4.078	203.4	16.84	5.866	198.4	12.49	6.932	196.6	7.907	33.73	32.77	31.9	-0.959	-1.83	25.91	11.52	405.6	884	0
8/24/2014 17:15	75107	15	236	3.313	197.7	17.09	4.702	192.6	11.92	5.424	187.6	8.97	33.34	32.49	31.73	-0.847	-1.607	26.91	11.77	330.2	884	0
8/24/2014 17:30	75108	15	236	2.994	184.6	16.43	4.122	179.2	11.87	4.878	175.1	7.709	33.22	32.6	31.94	-0.617	-1.277	26.38	11.37	252.6	884	0
8/24/2014 17:45	75109	15	236	2.657	179.4	13.01	3.933	173.1	9.56	4.784	172.4	7.794	32.64	32.48	31.99	-0.161	-0.655	26.74	11.09	95.8	884	0
8/24/2014 18:00	75110	15	236	2.017	186.9	10.57	3.205	182	6.703	4.441	181	3.54	31.75	31.98	31.75	0.227	0.001	28.42	11.24	33.24	884	0
8/24/2014 18:15	75111	15	236	1.72	165.6	13.65	3.135	164.6	9.27	4.452	175	4.072	30.94	31.39	31.57	0.457	0.634	30.7	11.71	36.72	884	0
8/24/2014 18:30	75112	15	236	1.818	149.9	10.64	3.52	147.4	4.33	4.68	163.5	2.705	30.27	30.83	31.42	0.562	1.151	32.79	12.13	19.07	884	0
8/24/2014 18:45	75113	15	236	1.491	151.2	10.16	3.154	147.4	4.58	4.668	160	3.678	29.57	30.41	31.13	0.842	1.562	34.82	12.43	3.122	885	0
8/24/2014 19:00	75114	15	236	1.769	147	12.03	3.493	143.2	8.88	6.801	154.2	7.834	28.98	29.64	31.03	0.659	2.053	37.27	12.95	1.324	885	0
8/24/2014 19:15	75115	15	236	2.75	146.9	12.8	4.642	141.3	8.18	7.869	142.2	5.404	29.46	29.8	30.42	0.342	0.964	37.62	13.52	1.412	885	0
8/24/2014 19:30	75116	15	236	2.901	145.8	13.81	4.727	139.3	8.26	7.724	143.1	4.707	29.58	29.78	29.94	0.196	0.352	36.68	13.24	1.387	885	0
8/24/2014 19:45	75117	15	236	3.155	135.8	12.37	4.895	129.3	7.865	7.856	132.2	6.072	29.29	29.44	29.52	0.154	0.231	37.64	13.38	1.424	885	0
8/24/2014 20:00	75118	15	236	3.361	140	12.88	5.176	134.2	7.666	7.774	133.1	4.403	29.28	29.38	29.23	0.102	-0.053	37.34	13.24	1.243	886	0
8/24/2014 20:15	75119	15	236	2.973	143.1	13.37	4.644	136.1	9.28	7.098	135.4	6.48	28.7	28.82	28.72	0.114	0.013	39.22	13.49	1.204	886	0
8/24/2014 20:30	75120	15	236	3.285	131.4	11.93	5.023	125.1	7.619	7.799	124.9	5.089	28.32	28.46	28.37	0.139	0.055	40.12	13.49	1.287	886	0
8/24/2014 20:45	75121	15	236	3.782	136.7	12.83	5.675	130.1	7.692	8.48	129.3	5.057	28.36	28.54	28.47	0.175	0.106	39.94	13.46	1.347	886	0
8/24/2014 21:00	75122	15	236	3.483	131.8	12.91	5.417	125.1	7.945	8.11	124.3	5.721	28.09	28.27	28.13	0.178	0.034	41.55	13.83	1.4	886	0
8/24/2014 21:15	75123	15	236	3.253	115.1	13.2	4.986	112.1	8.24	7.442	113.3	5.599	27.68	27.86	27.7	0.181	0.024	43.22	14.07	1.23	886	0
8/24/2014 21:30	75124	15	236	2.911	106.1	12.34	4.638	103.9	7.274	7.291	107.6	4.406	27.03	27.25	27.23	0.215	0.198	45.16	14.16	1.052	887	0
8/24/2014 21:45	75125	15	236	2.727	109.4	12.36	4.391	105	7.167	7.171	109.9	3.989	26.58	26.83	26.93	0.253	0.354	46.94	14.34	1.215	887	0
8/24/2014 22:00	75126	15	236	2.537	116	11.53	4.189	111.8	6.778	6.927	115.7	4.126	26.08	26.38	26.6	0.298	0.523	48.75	14.48	1.099	887	0
8/24/2014 22:15	75127	15	236	2.578	120.3	13.1	4.185	115.5	8.28	6.986	119.8	6.082	25.85	26.17	26.49	0.32	0.642	50.01	14.66	1.208	887	0
8/24/2014 22:30	75128	15	236	2.298	119.4	13.1	3.923	115.6	7.606	6.718	121.5	5.164	25.7	26.07	26.37	0.373	0.674	50.61	14.71	1.147	887	0
8/24/2014 22:45	75129	15	236	2.608	124.6	13.06	4.399	119.2	7.294	7.211	124	4.505	25.61	25.97	26.26	0.359	0.651	51.06	14.76	1.279	887	0
8/24/2014 23:00	75130	15	236	2.84	125.6	12.55	4.695	120	7.659	7.622	125.4	5.532	25.53	25.88	26.2	0.348	0.671	51.5	14.82	1.299	887	0
8/24/2014 23:15	75131	15	236	3.564	140.8	14.7	5.485	135	10.59	8.79	137	7.348	26.07	26.35	26.57	0.287	0.498	49.63	14.73	1.538	887	0
8/24/2014 23:30	75132	15	236	4.063	145.6	12.66	6.485	139.4	8.15	9.8	140	5.545	26.58	26.86	26.9	0.272	0.32	46.77	14.29	1.569	887	0
8/24/2014 23:45	75133	15	236	4.088	148.7	12.91	6.362	142.2	8.55	9.66	141.2	5.565	26.6	26.85	26.83	0.259	0.239	46.2	14.12	1.481	887	0



Surface Water Sample Locations



Surface Water Sample Locations (continued)

Surface Water Sample Locations (continued)

Samples of Opportunity, July 22, 2014

Environmental Monitoring & Hydrology Surface Water Sampling

August 27, 2014

Location	Sample ID Number	Sample Date	WIPP Labs Radiochemistry		
			Am-241 (dpm/L)	Pu-238 (dpm/L)	Pu-239/240 (dpm/L)
Sample of Opportunity†	WS-SOO-20140722-1.6	7/22/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity (Dupe)†	WS-SOO-20140722-2.6	7/22/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140722-3.6	7/22/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140722-4.6	7/22/2014	Below MDC	Below MDC	Below MDC
Sample of Opportunity†	WS-SOO-20140722-5.6	7/22/2014	Below MDC	Below MDC	Below MDC
Blank	WS-BLK-20140722-6.6	7/22/2014	Below MDC	Below MDC	Below MDC

† These samples were collected following a rain event. The samples were taken from a WIPP site building roof top and roadway drainage.

MDC ranges are:

MDC Am-241 (dpm/L): 4.34E-02 to 8.25E-02

MDC Pu-238 (dpm/L): 2.84E-02 to 6.69E-02

MDC Pu-239/240 (dpm/L): 3.01E-02 to 6.12E-02

Attachment 5
Filter Differential Pressures

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**
8/11/2014 0:00	0.30	0.46	1.35	1.32	0.23	0.39	1.45	1.36
8/11/2014 0:30	0.28	0.46	1.35	1.32	0.24	0.39	1.46	1.36
8/11/2014 1:00	0.28	0.46	1.35	1.32	0.24	0.39	1.46	1.37
8/11/2014 1:30	0.29	0.47	1.36	1.32	0.24	0.39	1.46	1.37
8/11/2014 2:00	0.28	0.47	1.36	1.32	0.24	0.39	1.47	1.37
8/11/2014 2:30	0.29	0.47	1.36	1.32	0.24	0.39	1.47	1.37
8/11/2014 3:00	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.37
8/11/2014 3:30	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.37
8/11/2014 4:00	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.37
8/11/2014 4:30	0.29	0.47	1.36	1.32	0.24	0.39	1.47	1.37
8/11/2014 5:00	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.38
8/11/2014 5:30	0.29	0.47	1.37	1.33	0.24	0.39	1.47	1.37
8/11/2014 6:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 6:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 7:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 7:30	0.29	0.47	1.38	1.34	0.24	0.39	1.48	1.39
8/11/2014 8:00	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/11/2014 8:30	0.29	0.47	1.38	1.34	0.24	0.39	1.48	1.39
8/11/2014 9:00	0.29	0.47	1.38	1.35	0.25	0.39	1.49	1.39
8/11/2014 9:30	0.30	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/11/2014 10:00	0.29	0.47	1.37	1.34	0.24	0.39	1.48	1.38
8/11/2014 10:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 11:00	0.29	0.47	1.36	1.33	0.24	0.39	1.48	1.38
8/11/2014 11:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 12:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 12:30	0.29	0.47	1.37	1.34	0.24	0.39	1.48	1.38
8/11/2014 13:00	0.29	0.47	1.37	1.33	0.24	0.39	1.47	1.38
8/11/2014 13:30	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.37
8/11/2014 14:00	0.28	0.47	1.36	1.33	0.23	0.39	1.47	1.37
8/11/2014 14:30	0.28	0.47	1.36	1.33	0.24	0.39	1.47	1.38
8/11/2014 15:00	0.28	0.47	1.37	1.33	0.24	0.39	1.47	1.38
8/11/2014 15:30	0.29	0.47	1.36	1.33	0.24	0.39	1.47	1.37
8/11/2014 16:00	0.29	0.47	1.37	1.33	0.24	0.39	1.47	1.37
8/11/2014 16:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 17:00	0.29	0.47	1.37	1.34	0.24	0.39	1.48	1.38
8/11/2014 17:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 18:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 18:30	0.29	0.47	1.37	1.33	0.25	0.39	1.48	1.38
8/11/2014 19:00	0.29	0.47	1.37	1.33	0.25	0.39	1.48	1.38
8/11/2014 19:30	0.29	0.47	1.37	1.34	0.24	0.39	1.48	1.38
8/11/2014 20:00	0.29	0.47	1.37	1.34	0.24	0.39	1.48	1.38
8/11/2014 20:30	0.29	0.47	1.37	1.34	0.25	0.39	1.48	1.38
8/11/2014 21:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 21:30	0.29	0.47	1.38	1.34	0.24	0.39	1.48	1.38
8/11/2014 22:00	0.29	0.47	1.38	1.33	0.24	0.39	1.48	1.38
8/11/2014 22:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 23:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/11/2014 23:30	0.29	0.47	1.37	1.33	0.24	0.39	1.49	1.38
8/12/2014 0:00	0.29	0.47	1.38	1.34	0.24	0.39	1.48	1.38
8/12/2014 0:30	0.29	0.47	1.37	1.33	0.24	0.39	1.49	1.38
8/12/2014 1:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.38
8/12/2014 1:30	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.38
8/12/2014 2:00	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.38
8/12/2014 2:30	0.29	0.47	1.37	1.33	0.24	0.39	1.49	1.38
8/12/2014 3:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.38
8/12/2014 3:30	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.38

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
8/12/2014 4:00	0.29	0.47	1.38	1.33	0.25	0.39	1.49	1.38
8/12/2014 4:30	0.29	0.47	1.38	1.33	0.25	0.39	1.49	1.38
8/12/2014 5:00	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 5:30	0.30	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 6:00	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 6:30	0.30	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 7:00	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 7:30	0.29	0.47	1.38	1.34	0.25	0.39	1.49	1.39
8/12/2014 8:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/12/2014 8:30	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/12/2014 9:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/12/2014 9:30	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/12/2014 10:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/12/2014 10:30	0.29	0.47	1.37	1.34	0.24	0.39	1.49	1.38
8/12/2014 11:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 11:30	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 12:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 12:30	0.28	0.47	1.36	1.33	0.24	0.39	1.47	1.38
8/12/2014 13:00	0.29	0.47	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 13:30	0.28	0.47	1.36	1.33	0.23	0.39	1.48	1.37
8/12/2014 14:00	0.29	0.47	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 14:30	0.28	0.47	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 15:00	0.28	0.47	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 15:30	0.28	0.47	1.36	1.32	0.23	0.39	1.47	1.37
8/12/2014 16:00	0.28	0.47	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 16:30	0.28	0.46	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 17:00	0.28	0.46	1.36	1.33	0.23	0.39	1.47	1.37
8/12/2014 17:30	0.28	0.46	1.37	1.33	0.24	0.39	1.48	1.37
8/12/2014 18:00	0.28	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 18:30	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 19:00	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 19:30	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 20:00	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 20:30	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 21:00	0.29	0.46	1.37	1.33	0.24	0.39	1.48	1.38
8/12/2014 21:30	0.29	0.46	1.38	1.34	0.24	0.39	1.48	1.38
8/12/2014 22:00	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.38
8/12/2014 22:30	0.29	0.46	1.38	1.33	0.24	0.39	1.49	1.38
8/12/2014 23:00	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.38
8/12/2014 23:30	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.38
8/13/2014 0:00	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.38
8/13/2014 0:30	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.39
8/13/2014 1:00	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.39
8/13/2014 1:30	0.29	0.46	1.38	1.34	0.24	0.39	1.49	1.39
8/13/2014 2:00	0.29	0.46	1.38	1.34	0.24	0.39	1.50	1.39
8/13/2014 2:30	0.29	0.46	1.38	1.34	0.24	0.39	1.50	1.39
8/13/2014 3:00	0.29	0.46	1.39	1.34	0.24	0.39	1.50	1.39
8/13/2014 3:30	0.29	0.46	1.38	1.34	0.24	0.39	1.50	1.39
8/13/2014 4:00	0.30	0.46	1.39	1.34	0.24	0.39	1.50	1.39
8/13/2014 4:30	0.29	0.46	1.39	1.34	0.25	0.39	1.50	1.39
8/13/2014 5:00	0.30	0.46	1.39	1.35	0.25	0.39	1.50	1.39
8/13/2014 5:30	0.29	0.46	1.39	1.34	0.25	0.39	1.50	1.39
8/13/2014 6:00	0.30	0.46	1.39	1.35	0.25	0.39	1.50	1.39
8/13/2014 6:30	0.30	0.46	1.39	1.35	0.24	0.39	1.50	1.39
8/13/2014 7:00	0.29	0.46	1.39	1.35	0.24	0.39	1.50	1.39
8/13/2014 7:30	0.30	0.46	1.39	1.35	0.24	0.39	1.50	1.39

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
8/13/2014 8:00	0.30	0.47	1.39	1.34	0.24	0.39	1.50	1.39
8/13/2014 8:30	0.29	0.47	1.39	1.35	0.24	0.39	1.51	1.40
8/13/2014 9:00	0.29	0.47	1.40	1.35	0.25	0.39	1.51	1.40
8/13/2014 9:30	0.29	0.47	1.38	1.34	0.24	0.39	1.50	1.39
8/13/2014 10:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.38
8/13/2014 10:30	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/13/2014 11:00	0.29	0.47	1.38	1.34	0.24	0.39	1.49	1.39
8/13/2014 11:30	0.29	0.46	1.36	1.32	0.24	0.39	1.48	1.38
8/13/2014 12:00	0.28	0.46	1.36	1.32	0.23	0.39	1.47	1.37
8/13/2014 12:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.36
8/13/2014 13:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 13:30	0.28	0.46	1.34	1.31	0.23	0.38	1.45	1.35
8/13/2014 14:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 14:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 15:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 15:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 16:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 16:30	0.28	0.46	1.34	1.31	0.23	0.38	1.45	1.35
8/13/2014 17:00	0.28	0.45	1.33	1.30	0.23	0.38	1.45	1.34
8/13/2014 17:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.35
8/13/2014 18:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 18:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 19:00	0.28	0.45	1.34	1.31	0.23	0.38	1.45	1.35
8/13/2014 19:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/13/2014 20:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/13/2014 20:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/13/2014 21:00	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/13/2014 21:30	0.28	0.45	1.33	1.30	0.23	0.38	1.45	1.34
8/13/2014 22:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/13/2014 22:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/13/2014 23:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/13/2014 23:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/14/2014 0:00	0.28	0.45	1.34	1.30	0.23	0.38	1.44	1.34
8/14/2014 0:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/14/2014 1:00	0.28	0.45	1.33	1.30	0.23	0.38	1.45	1.34
8/14/2014 1:30	0.28	0.45	1.34	1.30	0.23	0.38	1.44	1.34
8/14/2014 2:00	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 2:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 3:00	0.28	0.45	1.34	1.30	0.23	0.38	1.44	1.34
8/14/2014 3:30	0.28	0.45	1.34	1.29	0.23	0.38	1.45	1.34
8/14/2014 4:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/14/2014 4:30	0.28	0.45	1.34	1.30	0.24	0.38	1.45	1.35
8/14/2014 5:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 5:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 6:00	0.28	0.45	1.34	1.30	0.24	0.38	1.45	1.35
8/14/2014 6:30	0.29	0.45	1.34	1.30	0.24	0.38	1.46	1.35
8/14/2014 7:00	0.28	0.45	1.34	1.30	0.24	0.38	1.45	1.35
8/14/2014 7:30	0.28	0.45	1.34	1.30	0.24	0.38	1.45	1.35
8/14/2014 8:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/14/2014 8:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 9:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/14/2014 9:30	0.28	0.45	1.34	1.30	0.24	0.38	1.46	1.35
8/14/2014 10:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 10:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 11:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/14/2014 11:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34

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**
8/14/2014 12:00	0.28	0.45	1.34	1.30	0.23	0.38	1.44	1.34
8/14/2014 12:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 13:00	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 13:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 14:00	0.28	0.45	1.33	1.30	0.22	0.38	1.44	1.34
8/14/2014 14:30	0.28	0.45	1.33	1.29	0.22	0.38	1.44	1.34
8/14/2014 15:00	0.27	0.45	1.33	1.29	0.22	0.38	1.44	1.34
8/14/2014 15:30	0.28	0.45	1.33	1.30	0.22	0.38	1.44	1.34
8/14/2014 16:00	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 16:30	0.28	0.45	1.33	1.30	0.23	0.38	1.44	1.34
8/14/2014 17:00	0.27	0.45	1.32	1.28	0.22	0.38	1.43	1.33
8/14/2014 17:30	0.27	0.45	1.31	1.28	0.22	0.38	1.42	1.32
8/14/2014 18:00	0.27	0.45	1.31	1.28	0.22	0.38	1.42	1.33
8/14/2014 18:30	0.27	0.45	1.32	1.28	0.22	0.38	1.43	1.33
8/14/2014 19:00	0.28	0.45	1.32	1.28	0.22	0.38	1.43	1.33
8/14/2014 19:30	0.28	0.45	1.32	1.29	0.23	0.38	1.43	1.33
8/14/2014 20:00	0.28	0.45	1.32	1.29	0.23	0.38	1.43	1.33
8/14/2014 20:30	0.28	0.45	1.32	1.28	0.23	0.38	1.43	1.33
8/14/2014 21:00	0.28	0.45	1.33	1.29	0.23	0.38	1.43	1.33
8/14/2014 21:30	0.28	0.45	1.32	1.28	0.23	0.38	1.43	1.33
8/14/2014 22:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.33
8/14/2014 22:30	0.28	0.45	1.33	1.29	0.23	0.38	1.43	1.33
8/14/2014 23:00	0.28	0.45	1.32	1.29	0.23	0.38	1.44	1.33
8/14/2014 23:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.33
8/15/2014 0:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 0:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.33
8/15/2014 1:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.33
8/15/2014 1:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 2:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 2:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 3:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 3:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.33
8/15/2014 4:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 4:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 5:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 5:30	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 6:00	0.28	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 6:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/15/2014 7:00	0.29	0.45	1.35	1.31	0.24	0.38	1.46	1.35
8/15/2014 7:30	0.29	0.45	1.35	1.31	0.24	0.39	1.46	1.36
8/15/2014 8:00	0.29	0.45	1.35	1.31	0.24	0.39	1.46	1.36
8/15/2014 8:30	0.28	0.45	1.35	1.31	0.24	0.39	1.46	1.35
8/15/2014 9:00	0.28	0.45	1.35	1.30	0.24	0.39	1.46	1.36
8/15/2014 9:30	0.28	0.45	1.34	1.30	0.23	0.39	1.46	1.35
8/15/2014 10:00	0.28	0.46	1.34	1.30	0.23	0.39	1.45	1.35
8/15/2014 10:30	0.28	0.46	1.34	1.30	0.23	0.39	1.45	1.35
8/15/2014 11:00	0.28	0.46	1.33	1.30	0.23	0.39	1.44	1.34
8/15/2014 11:30	0.28	0.46	1.33	1.29	0.23	0.39	1.45	1.34
8/15/2014 12:00	0.28	0.46	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 12:30	0.28	0.46	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 13:00	0.28	0.46	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 13:30	0.28	0.46	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 14:00	0.27	0.46	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 14:30	0.27	0.45	1.33	1.29	0.23	0.38	1.44	1.34
8/15/2014 15:00	0.28	0.45	1.33	1.29	0.22	0.38	1.44	1.34
8/15/2014 15:30	0.27	0.45	1.33	1.29	0.22	0.38	1.44	1.34

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
8/15/2014 16:00	0.27	0.40	1.29	1.26	0.22	0.33	1.41	1.31
8/15/2014 16:30	0.27	0.44	1.33	1.29	0.22	0.33	1.44	1.34
8/15/2014 17:00	0.27	0.44	1.32	1.29	0.22	0.33	1.43	1.33
8/15/2014 17:30	0.28	0.44	1.32	1.29	0.22	0.33	1.43	1.33
8/15/2014 18:00	0.27	0.44	1.32	1.29	0.23	0.33	1.43	1.33
8/15/2014 18:30	0.28	0.44	1.32	1.28	0.23	0.33	1.43	1.33
8/15/2014 19:00	0.27	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/15/2014 19:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/15/2014 20:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/15/2014 20:30	0.27	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/15/2014 21:00	0.28	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/15/2014 21:30	0.28	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/15/2014 22:00	0.28	0.45	1.33	1.28	0.23	0.33	1.43	1.33
8/15/2014 22:30	0.28	0.45	1.32	1.29	0.23	0.33	1.43	1.33
8/15/2014 23:00	0.28	0.45	1.33	1.28	0.23	0.33	1.43	1.33
8/15/2014 23:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/16/2014 0:00	0.28	0.45	1.33	1.28	0.23	0.33	1.44	1.33
8/16/2014 0:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 1:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 1:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 2:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 2:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 3:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 3:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 4:00	0.28	0.45	1.34	1.29	0.24	0.33	1.44	1.34
8/16/2014 4:30	0.29	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 5:00	0.28	0.45	1.34	1.29	0.24	0.33	1.45	1.34
8/16/2014 5:30	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 6:00	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 6:30	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 7:00	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 7:30	0.29	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/16/2014 8:00	0.28	0.45	1.33	1.29	0.23	0.33	1.45	1.34
8/16/2014 8:30	0.28	0.45	1.34	1.29	0.23	0.33	1.44	1.34
8/16/2014 9:00	0.28	0.45	1.34	1.29	0.23	0.33	1.44	1.34
8/16/2014 9:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 10:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 10:30	0.28	0.45	1.33	1.28	0.23	0.33	1.43	1.33
8/16/2014 11:00	0.28	0.45	1.33	1.29	0.23	0.33	1.43	1.33
8/16/2014 11:30	0.27	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/16/2014 12:00	0.27	0.45	1.32	1.29	0.23	0.33	1.43	1.33
8/16/2014 12:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 13:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 13:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 14:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 14:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 15:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 15:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 16:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 16:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 17:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 17:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 18:00	0.27	0.45	1.31	1.28	0.22	0.33	1.43	1.33
8/16/2014 18:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/16/2014 19:00	0.27	0.45	1.32	1.29	0.23	0.33	1.44	1.33
8/16/2014 19:30	0.28	0.45	1.32	1.29	0.22	0.33	1.43	1.33

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
8/16/2014 20:00	0.27	0.45	1.32	1.29	0.22	0.33	1.44	1.33
8/16/2014 20:30	0.28	0.45	1.33	1.29	0.22	0.33	1.44	1.33
8/16/2014 21:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/16/2014 21:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/16/2014 22:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/16/2014 22:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/16/2014 23:00	0.28	0.45	1.33	1.28	0.23	0.33	1.44	1.33
8/16/2014 23:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 0:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 0:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 1:00	0.28	0.45	1.33	1.29	0.23	0.33	1.45	1.34
8/17/2014 1:30	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 2:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.35
8/17/2014 2:30	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 3:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.35
8/17/2014 3:30	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 4:00	0.29	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/17/2014 4:30	0.28	0.45	1.35	1.30	0.23	0.33	1.45	1.35
8/17/2014 5:00	0.29	0.45	1.34	1.30	0.23	0.33	1.45	1.35
8/17/2014 5:30	0.29	0.45	1.34	1.30	0.24	0.33	1.46	1.35
8/17/2014 6:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.35
8/17/2014 6:30	0.29	0.45	1.34	1.30	0.24	0.33	1.45	1.35
8/17/2014 7:00	0.29	0.45	1.34	1.30	0.24	0.33	1.45	1.35
8/17/2014 7:30	0.28	0.45	1.34	1.30	0.24	0.33	1.46	1.35
8/17/2014 8:00	0.28	0.45	1.34	1.30	0.24	0.33	1.45	1.35
8/17/2014 8:30	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/17/2014 9:00	0.28	0.45	1.34	1.29	0.23	0.33	1.45	1.34
8/17/2014 9:30	0.28	0.45	1.34	1.29	0.23	0.33	1.44	1.34
8/17/2014 10:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 10:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 11:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 11:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/17/2014 12:00	0.27	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 12:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/17/2014 13:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 13:30	0.28	0.45	1.33	1.28	0.23	0.33	1.43	1.33
8/17/2014 14:00	0.27	0.45	1.32	1.29	0.23	0.33	1.43	1.33
8/17/2014 14:30	0.27	0.45	1.32	1.29	0.22	0.33	1.43	1.33
8/17/2014 15:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 15:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 16:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 16:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 17:00	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 17:30	0.27	0.45	1.32	1.29	0.22	0.33	1.43	1.33
8/17/2014 18:00	0.27	0.45	1.32	1.28	0.23	0.33	1.43	1.33
8/17/2014 18:30	0.27	0.45	1.32	1.28	0.22	0.33	1.43	1.33
8/17/2014 19:00	0.27	0.45	1.33	1.29	0.22	0.33	1.43	1.33
8/17/2014 19:30	0.27	0.45	1.33	1.29	0.23	0.33	1.44	1.33
8/17/2014 20:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 20:30	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 21:00	0.28	0.45	1.33	1.29	0.23	0.33	1.44	1.34
8/17/2014 21:30	0.28	0.45	1.34	1.30	0.23	0.33	1.44	1.34
8/17/2014 22:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 22:30	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 23:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.34
8/17/2014 23:30	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.35

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
8/18/2014 0:00	0.28	0.45	1.34	1.30	0.23	0.33	1.45	1.35
8/18/2014 0:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/18/2014 1:00	0.28	0.45	1.34	1.30	0.24	0.38	1.46	1.35
8/18/2014 1:30	0.29	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/18/2014 2:00	0.29	0.46	1.35	1.30	0.24	0.38	1.45	1.35
8/18/2014 2:30	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 3:00	0.29	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/18/2014 3:30	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 4:00	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 4:30	0.29	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/18/2014 5:00	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 5:30	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 6:00	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 6:30	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 7:00	0.29	0.46	1.35	1.30	0.24	0.38	1.46	1.35
8/18/2014 7:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/18/2014 8:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/18/2014 8:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/18/2014 9:00	0.29	0.46	1.35	1.31	0.24	0.38	1.47	1.36
8/18/2014 9:30	0.28	0.46	1.35	1.31	0.24	0.38	1.47	1.36
8/18/2014 10:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/18/2014 10:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/18/2014 11:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/18/2014 11:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 12:00	0.28	0.46	1.35	1.30	0.23	0.38	1.45	1.35
8/18/2014 12:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 13:00	0.28	0.46	1.34	1.30	0.23	0.38	1.46	1.35
8/18/2014 13:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 14:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 14:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 15:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 15:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 16:00	0.28	0.46	1.34	1.30	0.22	0.38	1.45	1.35
8/18/2014 16:30	0.28	0.46	1.34	1.30	0.22	0.38	1.45	1.35
8/18/2014 17:00	0.28	0.46	1.34	1.30	0.22	0.38	1.45	1.35
8/18/2014 17:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 18:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34
8/18/2014 18:30	0.27	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 19:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34
8/18/2014 19:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/18/2014 20:00	0.28	0.46	1.35	1.31	0.23	0.38	1.45	1.35
8/18/2014 20:30	0.28	0.46	1.34	1.31	0.23	0.38	1.46	1.35
8/18/2014 21:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/18/2014 21:30	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/18/2014 22:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/18/2014 22:30	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/18/2014 23:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.36
8/18/2014 23:30	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/19/2014 0:00	0.28	0.46	1.35	1.31	0.24	0.38	1.46	1.35
8/19/2014 0:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 1:00	0.29	0.46	1.36	1.31	0.23	0.38	1.46	1.36
8/19/2014 1:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 2:00	0.29	0.46	1.35	1.31	0.24	0.38	1.47	1.35
8/19/2014 2:30	0.28	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 3:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 3:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36

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
8/19/2014 4:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 4:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 5:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 5:30	0.29	0.46	1.37	1.31	0.24	0.38	1.47	1.36
8/19/2014 6:00	0.29	0.46	1.36	1.32	0.24	0.38	1.47	1.36
8/19/2014 6:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 7:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 7:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 8:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 8:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/19/2014 9:00	0.28	0.46	1.36	1.30	0.24	0.38	1.47	1.35
8/19/2014 9:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/19/2014 10:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/19/2014 10:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/19/2014 11:00	0.28	0.46	1.35	1.30	0.23	0.38	1.45	1.35
8/19/2014 11:30	0.28	0.46	1.34	1.30	0.23	0.38	1.46	1.35
8/19/2014 12:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/19/2014 12:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 13:00	0.27	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 13:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 14:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 14:30	0.27	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 15:00	0.27	0.45	1.33	1.30	0.22	0.38	1.45	1.34
8/19/2014 15:30	0.27	0.45	1.33	1.30	0.22	0.38	1.44	1.34
8/19/2014 16:00	0.27	0.45	1.33	1.30	0.22	0.38	1.44	1.34
8/19/2014 16:30	0.26	0.49	1.34	1.30	0.22	0.38	1.44	1.34
8/19/2014 17:00	1.08	1.01	1.12	1.30	0.22	0.38	1.45	1.34
8/19/2014 17:30	0.28	0.45	1.89	1.56	0.22	0.38	1.45	1.34
8/19/2014 18:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/19/2014 18:30	0.28	0.45	1.34	1.30	0.22	0.38	1.44	1.34
8/19/2014 19:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/19/2014 19:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/19/2014 20:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/19/2014 20:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 21:00	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.34
8/19/2014 21:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 22:00	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.34
8/19/2014 22:30	0.28	0.46	1.35	1.30	0.23	0.38	1.45	1.34
8/19/2014 23:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34
8/19/2014 23:30	0.28	0.46	1.34	1.30	0.23	0.38	1.46	1.35
8/20/2014 0:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 0:30	0.28	0.44	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 1:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 1:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 2:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 2:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 3:00	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 3:30	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 4:00	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 4:30	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 5:00	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 5:30	0.29	0.45	1.36	1.30	0.23	0.38	1.46	1.35
8/20/2014 6:00	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/20/2014 6:30	0.29	0.45	1.36	1.31	0.23	0.38	1.46	1.36
8/20/2014 7:00	0.29	0.45	1.36	1.31	0.23	0.38	1.46	1.35
8/20/2014 7:30	0.29	0.45	1.36	1.31	0.23	0.38	1.46	1.35

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
8/20/2014 8:00	0.29	0.45	1.36	1.31	0.23	0.38	1.46	1.35
8/20/2014 8:30	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 9:00	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 9:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/20/2014 10:00	0.28	0.45	1.35	1.31	0.24	0.38	1.46	1.35
8/20/2014 10:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 11:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 11:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/20/2014 12:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 12:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 13:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 13:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 14:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 14:30	0.28	0.45	1.33	1.29	0.22	0.38	1.45	1.34
8/20/2014 15:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 15:30	0.28	0.45	1.34	1.30	0.22	0.38	1.44	1.34
8/20/2014 16:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 16:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 17:00	0.27	0.45	1.33	1.29	0.22	0.38	1.45	1.34
8/20/2014 17:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 18:00	0.28	0.45	1.34	1.29	0.22	0.38	1.45	1.34
8/20/2014 18:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 19:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 19:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/20/2014 20:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/20/2014 20:30	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.34
8/20/2014 21:00	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.35
8/20/2014 21:30	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.34
8/20/2014 22:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.34
8/20/2014 22:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 23:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/20/2014 23:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 0:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 0:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 1:00	0.29	0.45	1.35	1.30	0.24	0.38	1.46	1.35
8/21/2014 1:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 2:00	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 2:30	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 3:00	0.29	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 3:30	0.29	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 4:00	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/21/2014 4:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.35
8/21/2014 5:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 5:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 6:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 6:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 7:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 7:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.35
8/21/2014 8:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.35
8/21/2014 8:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/21/2014 9:00	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/21/2014 9:30	0.29	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 10:00	0.28	0.45	1.36	1.30	0.23	0.38	1.46	1.35
8/21/2014 10:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 11:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 11:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35

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
8/21/2014 12:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.35
8/21/2014 12:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 13:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 13:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 14:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 14:30	0.28	0.45	1.34	1.29	0.22	0.38	1.45	1.34
8/21/2014 15:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 15:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 16:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 16:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 17:00	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 17:30	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 18:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 18:30	0.28	0.45	1.34	1.29	0.22	0.38	1.45	1.34
8/21/2014 19:00	0.28	0.45	1.34	1.30	0.22	0.38	1.45	1.34
8/21/2014 19:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 20:00	0.28	0.45	1.35	1.30	0.23	0.38	1.45	1.34
8/21/2014 20:30	0.28	0.45	1.34	1.30	0.23	0.38	1.45	1.34
8/21/2014 21:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.34
8/21/2014 21:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/21/2014 22:00	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 22:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/21/2014 23:00	0.28	0.45	1.36	1.31	0.23	0.38	1.46	1.35
8/21/2014 23:30	0.28	0.45	1.36	1.31	0.23	0.38	1.46	1.35
8/22/2014 0:00	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 0:30	0.28	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 1:00	0.28	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 1:30	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.36
8/22/2014 2:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 2:30	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.36
8/22/2014 3:00	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 3:30	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 4:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 4:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 5:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 5:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 6:00	0.29	0.45	1.37	1.32	0.24	0.38	1.47	1.36
8/22/2014 6:30	0.29	0.45	1.37	1.32	0.24	0.38	1.47	1.36
8/22/2014 7:00	0.29	0.45	1.37	1.31	0.24	0.38	1.48	1.36
8/22/2014 7:30	0.29	0.45	1.37	1.32	0.24	0.38	1.48	1.36
8/22/2014 8:00	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 8:30	0.29	0.45	1.36	1.31	0.24	0.38	1.47	1.36
8/22/2014 9:00	0.29	0.45	1.36	1.31	0.23	0.38	1.47	1.36
8/22/2014 9:30	0.29	0.45	1.36	1.31	0.23	0.38	1.46	1.35
8/22/2014 10:00	0.28	0.45	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 10:30	0.28	0.45	1.36	1.31	0.23	0.38	1.47	1.36
8/22/2014 11:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/22/2014 11:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/22/2014 12:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/22/2014 12:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/22/2014 13:00	0.28	0.46	1.35	1.30	0.23	0.38	1.45	1.35
8/22/2014 13:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/22/2014 14:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.35
8/22/2014 14:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34
8/22/2014 15:00	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34
8/22/2014 15:30	0.28	0.46	1.34	1.30	0.23	0.38	1.45	1.34

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
8/22/2014 16:00	0.28	0.46	1.34	1.30	0.22	0.38	1.45	1.34
8/22/2014 16:30	0.28	0.46	1.34	1.30	0.22	0.38	1.45	1.34
8/22/2014 17:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 17:30	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 18:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 18:30	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 19:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/22/2014 19:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 20:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/22/2014 20:30	0.28	0.46	1.35	1.31	0.23	0.38	1.47	1.35
8/22/2014 21:00	0.29	0.46	1.36	1.32	0.23	0.38	1.47	1.36
8/22/2014 21:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/22/2014 22:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/22/2014 22:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/22/2014 23:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/22/2014 23:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 0:00	0.29	0.46	1.37	1.31	0.24	0.38	1.48	1.36
8/23/2014 0:30	0.29	0.46	1.36	1.31	0.24	0.38	1.48	1.36
8/23/2014 1:00	0.29	0.46	1.37	1.32	0.24	0.38	1.47	1.36
8/23/2014 1:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 2:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 2:30	0.29	0.46	1.37	1.31	0.24	0.38	1.48	1.36
8/23/2014 3:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 3:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 4:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 4:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/23/2014 5:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 5:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 6:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 6:30	0.29	0.46	1.37	1.32	0.24	0.38	1.49	1.37
8/23/2014 7:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 7:30	0.29	0.46	1.38	1.32	0.24	0.38	1.49	1.37
8/23/2014 8:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 8:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/23/2014 9:00	0.29	0.46	1.37	1.31	0.24	0.38	1.48	1.36
8/23/2014 9:30	0.29	0.46	1.37	1.31	0.24	0.38	1.48	1.36
8/23/2014 10:00	0.29	0.46	1.37	1.31	0.23	0.38	1.48	1.36
8/23/2014 10:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 11:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 11:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 12:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 12:30	0.28	0.46	1.35	1.31	0.23	0.38	1.47	1.35
8/23/2014 13:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 13:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/23/2014 14:00	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/23/2014 14:30	0.28	0.45	1.35	1.31	0.23	0.38	1.46	1.35
8/23/2014 15:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 15:30	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 16:00	0.28	0.45	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 16:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 17:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 17:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/23/2014 18:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/23/2014 18:30	0.28	0.46	1.35	1.31	0.22	0.38	1.46	1.35
8/23/2014 19:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/23/2014 19:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35

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
8/23/2014 20:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/23/2014 20:30	0.28	0.46	1.35	1.31	0.23	0.38	1.47	1.35
8/23/2014 21:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 21:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 22:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/23/2014 22:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 23:00	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/23/2014 23:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 0:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/24/2014 0:30	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/24/2014 1:00	0.29	0.46	1.37	1.31	0.23	0.38	1.48	1.36
8/24/2014 1:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 2:00	0.29	0.46	1.37	1.31	0.23	0.38	1.48	1.36
8/24/2014 2:30	0.29	0.46	1.37	1.32	0.23	0.38	1.48	1.36
8/24/2014 3:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 3:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 4:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 4:30	0.29	0.46	1.37	1.31	0.24	0.38	1.48	1.36
8/24/2014 5:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 5:30	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 6:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/24/2014 6:30	0.29	0.46	1.37	1.32	0.24	0.38	1.49	1.37
8/24/2014 7:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.37
8/24/2014 7:30	0.29	0.46	1.38	1.32	0.24	0.38	1.48	1.37
8/24/2014 8:00	0.29	0.46	1.37	1.32	0.24	0.38	1.48	1.36
8/24/2014 8:30	0.29	0.46	1.37	1.31	0.23	0.38	1.48	1.36
8/24/2014 9:00	0.29	0.46	1.36	1.31	0.24	0.38	1.47	1.36
8/24/2014 9:30	0.29	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 10:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 10:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 11:00	0.28	0.46	1.36	1.31	0.23	0.38	1.46	1.35
8/24/2014 11:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 12:00	0.28	0.46	1.35	1.31	0.23	0.38	1.46	1.35
8/24/2014 12:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 13:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 13:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 14:00	0.28	0.46	1.35	1.30	0.22	0.38	1.46	1.35
8/24/2014 14:30	0.28	0.46	1.35	1.30	0.22	0.38	1.46	1.35
8/24/2014 15:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 15:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 16:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 16:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.34
8/24/2014 17:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.34
8/24/2014 17:30	0.28	0.46	1.35	1.30	0.22	0.38	1.46	1.35
8/24/2014 18:00	0.28	0.46	1.35	1.30	0.22	0.38	1.46	1.35
8/24/2014 18:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 19:00	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 19:30	0.28	0.46	1.35	1.30	0.23	0.38	1.46	1.35
8/24/2014 20:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/24/2014 20:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/24/2014 21:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 21:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/24/2014 22:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.35
8/24/2014 22:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36

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**
8/24/2014 23:00	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36
8/24/2014 23:30	0.28	0.46	1.36	1.31	0.23	0.38	1.47	1.36

*in wg - inches of water gauge

Attachment 6
Surface and Underground Derived Waste Currently in Storage at the WIPP Facility (reserved)

Attachment 7
Status of RCRA Contingency Plan Required Activities (reserved)

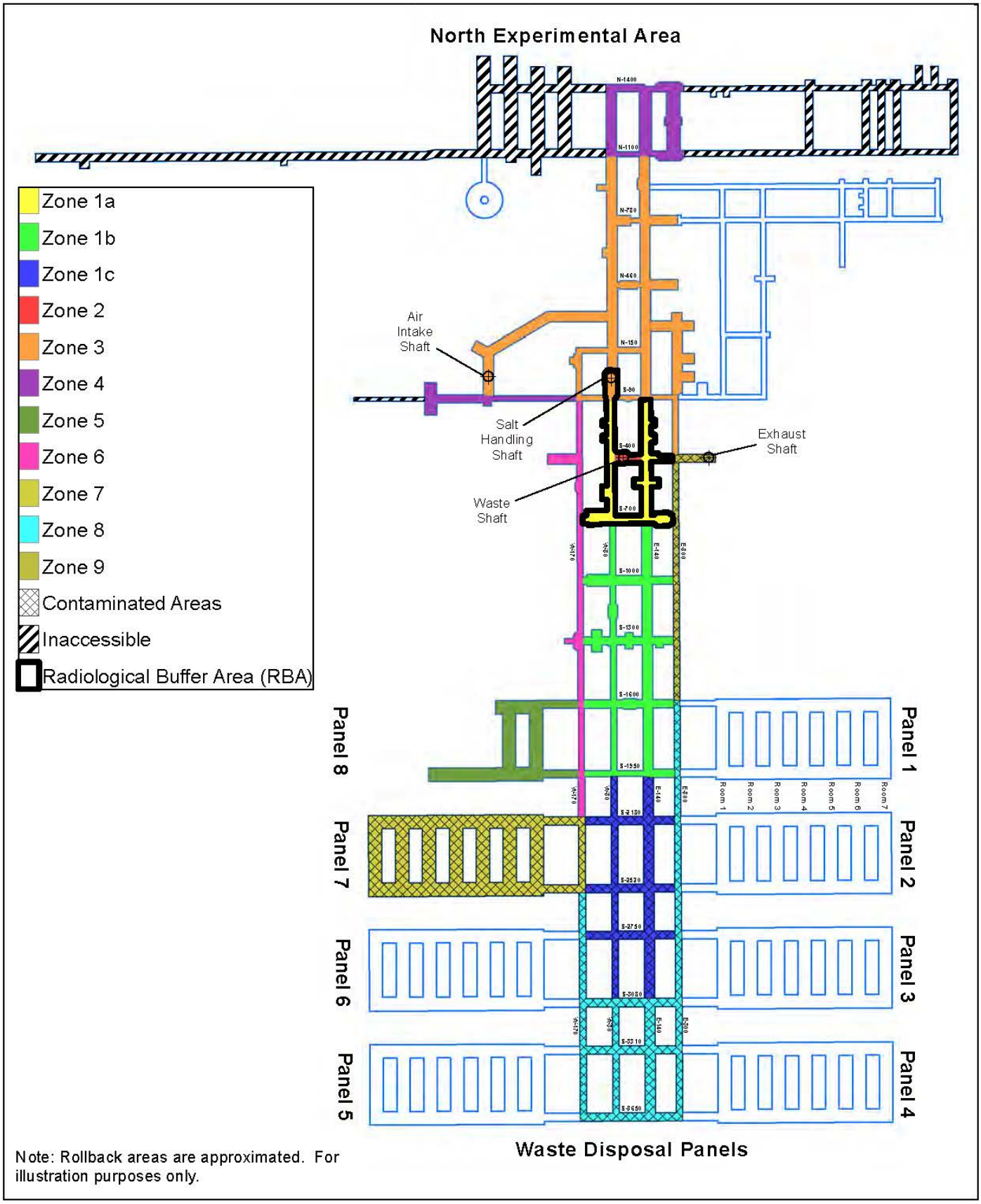
Attachment 8
Corrective Actions Required for Recovery
(reserved)

Attachment 9
Waste Placement Layout Maps, Panel 7, Room 7
(reserved)

Attachment 10
Weekly Map Update, Panels 7 and 8 (reserved)

Attachment 11
As-Found Condition of Panel 7 (reserved)

Attachment 12
Panel 7 Recovery-Related Work



Current Status of the WIPP Underground Decontamination Area