



Kelvin Henderson
Vice President
Catawba Nuclear Station

Duke Energy
CNO1VP | 4800 Concord Road
York, SC 29745

CNS-14-001

o: 803.701.4251
f: 803.701.3221

January 13, 2014

U.S. Nuclear Regulatory Commission
Attention: Document Control Desk
Washington, D.C. 20555

Subject: Duke Energy Carolinas, LLC (Duke Energy)
Catawba Nuclear Station, Unit 2
Docket Number 50-414
Inservice Inspection Report and Steam Generator
Inservice Inspection Summary Report for End of Cycle 19
Refueling Outage

In accordance with Section XI of the ASME Code, please find attached the subject 90-day reports which provide the results of the inservice inspection and the steam generator inspection associated with the subject outage. Note that the steam generator inservice inspection summary report includes all of the information required to be submitted in the 180-day report required by Catawba Technical Specification 5.6.8, "Steam Generator (SG) Tube Inspection Report". Therefore, no additional report is required to be submitted for this outage.

There are no regulatory commitments contained in this letter or its attachments.

If you have any questions concerning this material, please call L.J. Rudy at (803) 701-3084.

Very truly yours,

Kelvin Henderson
Vice President, Catawba Nuclear Station

LJR/s

Attachments

A047
NRR

Document Control Desk
Page 2
January 13, 2014

xc (with attachments):

V.M. McCree
Regional Administrator
U.S. Nuclear Regulatory Commission - Region II
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

G.A. Hutto, III, Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Catawba Nuclear Station

J.C. Paige (addressee only)
NRC Project Manager (Catawba)
U.S. Nuclear Regulatory Commission
One White Flint North, Mail Stop 8-G9A
11555 Rockville Pike
Rockville, MD 20852-2738

Attachment 1

Catawba Unit 2 End of Cycle 19 Inservice Inspection Report

CASE
N-532-4

FORM OAR-1 OWNER'S ACTIVITY REPORT

Report Number _____ Owner's Activity Report for Refueling Outage 2EOC19

Plant _____ Catawba Nuclear Station, 4800 Concord Road, York, SC 29745

Unit No. 2 Commercial Service Date 8/19/1988 Refueling Outage no. 2EOC19
(if applicable)

Current Inspection Interval 3rd for Class 1, 2, & 3 Components & Supports and 2nd for Class MC Containment
(1st, 2nd, 3rd, 4th, other)

Current Inspection Period 3rd for Class 1, 2, & 3 Components & Supports and Class MC Containment
(1st, 2nd, 3rd)

Edition and Addenda of Section XI Applicable to the Inspection Plans 1998 Edition through the 2000 Addenda

Date and revision of inspection plans See Attachment

Edition and Addenda of Section XI applicable to repair/replacement activities, if different than the inspection plans Same

Code Cases used: The following Code Cases are permitted by the ISI Plans: N-460, N-504-3, N-513-2, N-532-4, N-533-1, N-566-2, N-586-1, N-613-1, N-616, N-624, N-639, N-643-2, N-647, N-663, N-665, N-683, N-685, N-686, N-686-1, N-694-1, N-695, N-696, N-697, N-700, N-706, N-722, N-729-1, N-731, N-770-1
(if applicable)

CERTIFICATE OF CONFORMANCE

I certify that (a) the statements made in this report are correct; (b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI; and (c) the repair/replacement activities and evaluations supporting the completion of 2EOC19 conform to the requirements of Section XI.
(refueling outage number)

Signed



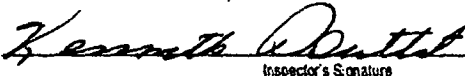
Date

12/5/13

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State or Province of South Carolina and employed by HSB Global Standards of CT have inspected the items described in this Owner's Activity Report, and state that, to the best of my knowledge and belief, the Owner has performed all activities represented by this report in accordance with the requirements of Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the repair/replacement activities and evaluation described in this report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection.


Inspector's Signature

Commissions

NB 240 SC 233
National Board, State, Province and Endorsements

Date

12-10-13

Attachment

Catawba Unit 2 End of Cycle 19 Inservice Inspection Report

Date and Revision of Inspection Plans:

1. The following documents comprise the Catawba Nuclear Station 3rd Interval Inservice Inspection Plan for Unit 2 (Class 1, 2, and 3 Components):
 - a. Third Interval Inservice Inspection Plan Catawba Nuclear Station Units 1 and 2 General Requirements, Document #CISI-1462.10-0030-GEN REQ, Rev 1, dated 06/26/2008, including the following addenda:
 - i. CISI-1462.10-0030-3CNS-021 through CISI-1462.10-0030-3CNS-033
 - b. Catawba Nuclear Station Unit 2-Third Inspection Interval Inservice Inspection NDE Plan, Document #CISI-1462.10-0030-UNIT 2, Rev 1, dated 06/25/2008, including the following addenda:
 - i. CISI-1462.10-0030-3CNS2-028 through CISI-1462.10-0030-3CNS2-076
2. The following documents comprise the Catawba Nuclear Station 3rd Interval Inservice Inspection Pressure Test Plan for Unit 2:
 - a. Third Inspection Interval Inservice Inspection Pressure Test Plan for Catawba Unit 2, Document #CISI-1462.20-0020-U2PTPLAN, Rev 0, dated 02/21/2006, including the following addenda:
 - i. CISI-1462.20-0020-C2-PT-024 through CISI-1462.20-0020-C2-PT-043
3. The following documents comprise the Catawba Nuclear Station 2nd Interval Containment Inservice Inspection Plan for Unit 2 (Class MC):
 - a. Catawba Nuclear Station Units 1 and 2 - Second Interval Containment Inservice Inspection Plan, Document #CN-ISIC2-1042-0001, Rev 3, dated 05/03/2013

**Catawba Nuclear Unit 2
Form OAR-1 Owner's Activity Report**

**Table 1
Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service**

Examination Category and Item Number	Item Description	Evaluation Description
B-P / B15.60	Boric acid residue found on RCP-1A, RCP-1B, and RCP-1C associated bolting (Zone Number 2NC-001L-A)	Areas identified in PIPs C-13-9975, C-13-9977, and C-13-9979 were evaluated by Engineering using Code Case N-566-2 and found to be acceptable.
B-P / B15.70	Boric acid residue found on Valve 2NV-0041 (Zone Number 2NC-001L-A)	Area identified in PIP C-13-8043 was evaluated by Engineering using Code Case N-566-2 and found to be acceptable.
C-H / C7.10	Boric acid residue found on ND Pump 2A (Zone Number 2ND-001L-B) and ND Pump 2B (Zone Number 2ND-002L-B). Boric acid residue also found on ND Heat Exchanger 2B (Zone Number 2ND-002L-B).	Areas identified in PIPs C-13-8566, C-13-8568, C-13-8204, C-13-8728, C-13-8730, and C-13-9778 were evaluated by Engineering using Code Case N-566-2 and found to be acceptable.
F-A / F1.11	C2.F1.11.0010 / 2-R-NV-1010	VT-3 examination revealed that strut and pipe clamp are not aligned. Evaluation concluded the support was still able to perform its designed function. Work request #01094415 generated to adjust clamp assembly. Reference PIP C-13-08073.
F-A / F1.12	C2.F1.12.0021 / 2-R-NV-1114	VT-3 examination revealed that snap ring missing from rear pin. Evaluation concluded there was no effect on function. WR#1094418 generated to replace snap ring. Reference PIP C-13-08070.
F-A / F1.20	C2.F1.20.0007 / 2-R-CA-1029	VT-3 examination revealed a lock nut was loose on pipe clamp. Evaluation concluded the support was still able to perform its designed function. Corrective measures were used to tighten the lock nut assembly. Reference WR# 01094419 and PIP C-13-08068.
F-A / F1.20	C2.F1.20.0015 / 2-R-FW-0079	VT-3 examination revealed that rod is in contact with grating. Evaluation concluded there is no effect on the design loads. Work Request #1093441 written to adjust support to achieve clearance. Reference PIP C-13-07316.
F-A / F1.20	C2.F1.20.0046 / 2-R-NI-0068	VT-3 examination revealed gap is 13/16" off. Evaluation concluded the as found clearances still allow actual movement. The component is acceptable as is. Reference PIP C-13-08145.
F-A / F1.21	C2.F1.21.0049 / 2-R-NS-0014	VT-3 examination revealed gap is affected by weld spatter. Evaluation concluded the function is not affected. Work Request #1094232 written to clean spatter. Reference PIP C-13-07824.
F-A / F1.30	C2.F1.30.0026 / 2-R-KC-0040	VT-3 examination revealed strut in contact with cable tray. Evaluation concluded the support was still able to perform its designed function. Work request #01093899 generated to adjust support. Reference PIP C-13-07635.
F-A / F1.30	C2.F1.30.0044 / 2-R-RN-0021	VT-3 examination revealed loose nuts on strut barrel. Evaluation concluded the support was still able to perform its designed function. Work Order #02118451-01 written to make correction. Reference PIPs C-13-07825 and C-13-08342.

Catawba Nuclear Unit 2
Form OAR-1 Owner's Activity Report

Table 1 (continued)
Items with Flaws or Relevant Conditions that Required Evaluation for Continued Service

Examination Category and Item Number	Item Description	Evaluation Description
F-A / F1.31	C2.F1.31.0030 / 2-R-SA-0014	VT-3 examination revealed (1) missing and (1) damaged snap ring. Evaluation concluded there was no effect on function. WR#1094229 generated to replace snap rings. Reference PIP C-13-07835.

Table 2
Abstract of Repair/Replacement Activities Required For Continued Service

Code Class	Item Description	Description of Work	Date Completed	Repair / Replacement Plan Number
1	C2.B4.20.0001 – CRDM nozzle #14	Defect was removed by reducing to an acceptable size by grinding. Reference PIP C-13-08497	9/27/2013	2119113-01

Attachment 2

Catawba Unit 2 End of Cycle 19 Steam Generator Inservice Inspection Summary Report

***Steam Generator
In-service Inspection Summary Report***

***Catawba Nuclear Station
Unit 2 EOC19
September/October 2013***

Location: 4800 Concord Road, York South Carolina 29745

NRC Docket No. 50-414

National Board No. 173

Commercial Service Date: August 19, 1986

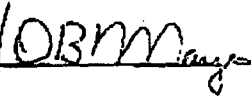
Owner: Duke Energy Corporation

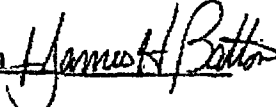
526 South Church St.

Charlotte, N.C. 28201-1006

Revision 0

Prepared By: Charles Cauthen  Date: 12-10-13

Reviewed By: Dan Mayes  Date: 12/17/2013

Approved By: Jim Batton  Date: 12/18/2013

FORM NIS-1 OWNER'S DATA REPORT FOR INSERVICE INSPECTIONS

As required by the Provisions of the ASME Code Rules

1. Owner: Duke Energy Corporation, 526 S. Church St., Charlotte, NC 28201-1006

(Name and Address of Owner)

2. Plant: Catawba Nuclear Station, 4800 Concord Road, York, S. C. 29745

(Name and Address of Plant)

3. Plant Unit: 2

4. Owner Certificate of Authorization (if required) N/A

5. Commercial Service Date: August 19, 1986

6. National Board Number for Unit 173

7. Components Inspected:

<u>Component</u>	<u>Manufacturer</u>	<u>Manufacturer Serial No.</u>	<u>State or Province No.</u>	<u>National Board No.</u>
Steam Generator 2A	Westinghouse	1923	N/A	4
Steam Generator 2B	Westinghouse	1922	N/A	3
Steam Generator 2C	Westinghouse	1921	N/A	2
Steam Generator 2D	Westinghouse	1924	N/A	5

Note: Supplemental sheets in form of lists, sketches, or drawings may be used provided (1) size is 8 1/2 in. x 11 in., (2) information in items 1 through 6 on this data report is included on each sheet, and (3) each sheet is numbered and the number of sheets is recorded at the top of this form.

FORM NIS-1 (Back)

8. Examination Dates 04/17/2012 to 10/17/2013
9. Inspection Period Identification: Third
10. Inspection Interval Identification: Third
11. Applicable Edition of Section XI 1998 Addenda 2000
12. Date/Revision of Inspection Plan: February 21, 2007/Per Technical Specification (5.5.9)
13. Abstract of Examinations and Test. Include a list of examinations and tests and a statement concerning status of work required for the Inspection Plan. Reference attached response to Technical Specification 5.6.8.
14. Abstract of Results of Examination and Tests. Reference attached response to Technical Specification 5.6.8.
15. Abstract of Corrective Measures. Reference attached response to Technical Specification 5.6.8.

We certify that a) the statements made in this report are correct b) the examinations and tests meet the Inspection Plan as required by the ASME Code, Section XI, and c) corrective measures taken conform to the rules of the ASME Code, Section XI.

Certificate of Authorization No. (if applicable) NA Expiration Date NA

Date Dec 18, 2013 Signed Duke Energy Corp. By James H. Batton
 Owner

CERTIFICATE OF INSERVICE INSPECTION

I, the undersigned, holding a valid commission issued by the National Board of Boiler and Pressure Vessel Inspectors and the State of Province of SC employed by *The Hartford Steam Boiler Inspection and Insurance Company of Connecticut have inspected the components described in this Owners' Report during the period 10-14-13 to 12-31-13, and state that to the best of my knowledge and belief, the Owner has performed examinations and tests and taken corrective measures described in the Owners' Report in accordance with the Inspection Plan and as required by the ASME Code, Section XI.

By signing this certificate neither the Inspector nor his employer makes any warranty, expressed or implied, concerning the examinations, test, and corrective measures described in this Owners' Report. Furthermore, neither the Inspector nor his employer shall be liable in any manner for any personal injury or property damage or a loss of any kind arising from or connected with this inspection

Kenneth R. Smith Commissions NB 12410 INA SC 233
 Inspector's Signature National Board, State, Province, and Endorsements

Date 12-31 20 13

* The Hartford Steam Boiler Inspection & Insurance Company of Connecticut
 200 Ashford Center North
 Suite 300
 Atlanta, GA. 30338

Catawba 2 EOC19 Steam Generator Tube Inspection Report
(reference Catawba technical Specification 5.6.8)

Summary of inspections and inspection results:

- a) The scope of inspections performed on each SG

The inspection scope for all four steam generators was as follows:

Bobbin Inspection

- *100% full length (except Row 1-5 U-bend region)*
- *Row 1-5 hot leg straight section*
- *Row 1-5 cold leg straight section*
- *Tubes surrounding plugged tubes full length*

Array Inspection

- *100% TTS hot leg
(TEH to TSH +3")*
- *TTS hot leg two tubes deep periphery, including the T-slot and open lane
(TEH to 01H or 02H for the baffle cutout)*
- *TTS cold leg two tubes deep periphery, including the T-slot and open lane
(TEC to 19C +3")*
- *100% Row 1 U-bends
(08H to 09C)*
- *35% Row 2-5 U-bends (tubes not examined in 2EOC18 or 2EOC17)
(08H to 09C)*
- *20% Row 10 U-bends
(08H to 09C)*

Array Special Interest

- *50% DNT sample (tubes not examined in 2EOC18)*
- *2-tube periphery program - 18C*
- *All tube locations with indication calls from 2EOC18*
- *Tubes with PLP calls from 2EOC18 as well as a bounding inspection of one tube deep.*
- *Bounding inspection 2 tubes deep surrounding known foreign object locations*

- *New wear indications*
- *All bobbin "I-codes"*
- *New DNT calls*
- *Expanded baffles at TSP 17C and 18C with extent of ± 3 " at each support plate (20% sample of expanded baffles not examined in 2EOC17 or 2EOC18)*

Visual Inspection

- *Previously installed plugs*
- *Bowl cladding inspection*

b. Active degradation mechanisms found

Degradation found included wear at support structures; wear from foreign objects, and crack-like indications near the tube ends.

c. Non-destructive examination techniques utilized for each degradation mechanism

The bobbin probe was utilized for the detection of wear at support structures and freespan locations and to size some wear at support structures. The array probe was used for detection of indications within the tubesheet and U-bend regions and to size tube wear at support plate locations and foreign object wear. The rotating coil was used to acquire supplemental information on tube wear due to foreign objects.

d. Location, orientation (if linear), and measured sizes (if available) of service induced indications.

The complete listing for service induced indications is attached.

e. Number of tubes plugged during the inspection outage for each active degradation mechanism

Steam Generator 2A and 2D:

No tubes were plugged.

Steam Generator 2B:

Two tubes were plugged for wear with a possible foreign object present.

One tube was plugged with a possible foreign object present.

Steam Generator 2C:

One tube was plugged for wear with a possible foreign object present.

Two tubes were plugged for foreign object wear.

One tube was preventatively plugged for capture of the possible foreign object.

f. The total number and percentage of tubes plugged to date

<i>Steam Generator¹</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i>	<i>Total</i>
<i>Prior to EOC19</i>	<i>69</i>	<i>114</i>	<i>61</i>	<i>90</i>	<i>334</i>
<i>EOC19</i>	<i>0</i>	<i>3</i>	<i>4</i>	<i>0</i>	<i>7</i>
<i>Total</i>	<i>69</i>	<i>117</i>	<i>65</i>	<i>90</i>	<i>341</i>
<i>% Plugged</i>	<i>1.51</i>	<i>2.56</i>	<i>1.42</i>	<i>1.97</i>	<i>1.86</i>

1= There are 4578 tubes per steam generator

- g. The results of condition monitoring, including the results of tube pulls and in-situ testing.

Condition monitoring was met for all degradation. All structural performance criteria were met with more than adequate margin projected through the next planned inspection at EOC20.

Plug visual inspections detected no abnormal conditions.

Bowl cladding inspections detected no abnormal conditions.

Inspection of the secondary face of the tubesheet for each steam generator identified foreign objects as has been experienced since EOC13. All foreign objects that were not removed have a technical evaluation demonstrating that tube integrity will be met through the next scheduled inspection of this region at EOC21.

No in-situ tests or tube pulls were performed.

- h. For Unit 2, the primary to secondary LEAKAGE rate observed in each SG (if it is not practical to assign leakage to an individual SG, the entire primary to secondary LEAKAGE should be conservatively assumed to be from one SG) during the cycle preceding the inspection which is the subject of the report.

There was no primary to secondary leakage above detection limits during the preceding Cycle 19 operation.

- i. For Unit 2, the calculated leakage rate from the portion of the tubes below 14.01 inches from the top of the tubesheet for the most limiting accident in the most limiting SG. In addition, if the calculated accident leakage rate from the most limiting accident is less than 3.27 times the maximum primary to secondary LEAKAGE rate, the report shall describe how it was determined.

There was no degradation detected in the portion of the tubes from 14.01 inches below the top of the tubesheet that resulted in calculated leakage.

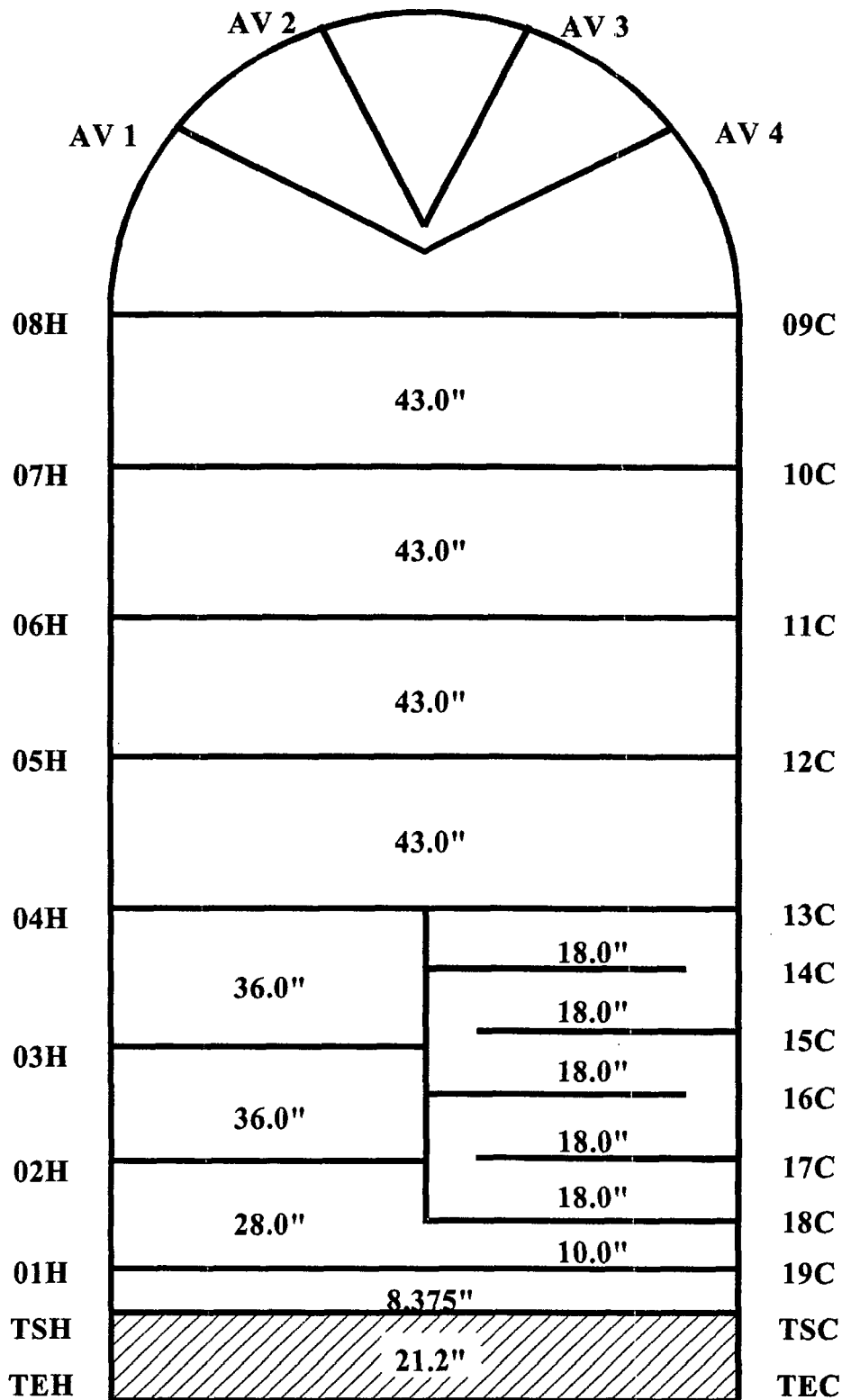
- j. For Unit 2, the results of monitoring for tube axial displacement (slippage). If slippage is discovered, the implications of the discovery and corrective action shall be provided.

No indications of slippage were detected.

The complete listings of service induced indications are on the following pages. The codes and their descriptions used in the inspection data base are provided here to assist in review of these lists.

<u>Indication Code</u>	<u>Description</u>
LPI	Loose Part With Indication
MAI	Multiple Axial Indication
MCI	Multiple Circumferential Indication
PCT	Percent Indication
SAI	Single Axial Indication
SCI	Single Circumferential Indication
WAR	Wear

Catawba D5 Steam Generator
 Tube Support and AVB designations



INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	30	13	.90	0	PCT	16	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	32	15	.52		PCT	11	P4	AV2	.00		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	35	16	.87		PCT	15	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	54	H
2013/09/01	35	16	1.53		PCT	22	P4	AV3	.33		WAR				TEC	TEH	.610	CBACC	54	H
2013/09/01	36	17	.37	0	PCT	8	P4	AV2	.00		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	36	17	.78	0	PCT	14	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	37	17	.43		PCT	9	P4	AV2	.16		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	37	17	.67		PCT	13	P4	AV3	.13		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	38	17	.71		PCT	13	P4	AV1	.00		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	38	17	.96		PCT	17	P4	AV3	.05		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	38	17	.55		PCT	11	P4	AV4	-.06		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	40	18	.75		PCT	14	P4	AV1	.05		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	40	18	2.22		PCT	28	P4	AV3	.08		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	38	19	.45		PCT	9	P4	AV1	-.21		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	38	21	.81		PCT	15	P4	AV2	-.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	39	21	.43		PCT	10	P4	AV2	-.25		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	38	22	.91	0	PCT	17	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	38	22	.82	0	PCT	16	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	7	23	3.83	48	MAI			142 TEH	.21						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	30	23	.38		PCT	9	P4	AV2	-.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	33	23	.48		PCT	11	P4	AV2	.11		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	38	23	.61		PCT	13	P4	AV2	-.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	43	23	.37		PCT	9	P4	AV1	-.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	43	23	.62		PCT	13	P4	AV2	.16		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	23	.56		PCT	12	P4	AV1	-.25		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	23	1.43		PCT	22	P4	AV2	.24		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	23	3.43		PCT	35	P4	AV3	-.14		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	23	1.08		PCT	19	P4	AV4	.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	42	24	1.20	0	PCT	20	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	42	24	1.07	0	PCT	19	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	38	25	.57		PCT	12	P4	AV3	.22		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	25	1.01		PCT	18	P4	AV2	-.30		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	44	25	.79		PCT	15	P4	AV3	-.08		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	45	26	.92	0	PCT	17	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	45	26	2.06	0	PCT	27	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	37	27	.65	0	PCT	13	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	43	27	.42	0	PCT	11	P37	15C	.81				.18	.34	15C	15C	.610	ZYSXA	82	H
2013/09/01	47	27	.93		PCT	17	P4	AV2	-.16		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	47	27	1.77		PCT	25	P4	AV3	.06		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	35	28	.62	0	PCT	13	P4	AV2	.11		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	35	28	1.52	0	PCT	23	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	41	30	.72	0	PCT	14	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	44	31	.56		PCT	12	P4	AV2	.11		WAR				TEC	TEH	.610	CBACC	48	H
2013/09/01	41	36	.40	0	PCT	9	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	41	36	.88	0	PCT	16	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	41	36	.80	0	PCT	15	P4	AV4	.00		WAR				TEC	TEH	.610	CBACC	50	H
2013/09/01	37	39	.57	0	PCT	12	P4	AV2	-.03		WAR				TEC	TEH	.610	CBACC	44	H
2013/09/01	41	44	1.21		PCT	20	P4	AV1	.23		WAR				TEH	TEC	.610	ZBAZC	29	C
2013/09/01	41	44	1.16		PCT	19	P4	AV2	-.13		WAR				TEH	TEC	.610	ZBAZC	29	C
2013/09/01	41	44	.89		PCT	16	P4	AV3	-.08		WAR				TEH	TEC	.610	ZBAZC	29	C
2013/09/01	25	47	.25	0	PCT	8	P48	10C	-.80				.27	.27	10C	10C	.610	ZYSXA	55	C
2013/09/01	27	49	.48	0	PCT	18	P19	18C	.59				.24	.35	18C	18C	.610	ZYSXA	55	C
2013/09/01	25	56	.33	0	PCT	9	P15	05H	-.69				.12	.21	05H	05H	.610	ZYSXA	72	H
2013/09/01	31	62	.91	0	PCT	22	P48	09C	-.53				.21	.41	09C	09C	.610	ZYSXA	55	C
2013/09/01	35	64	.66	0	PCT	12	P6	02H	.08		WAR				TEH	TEC	.610	ZBAZC	69	C
2013/09/01	38	68	.29	0	PCT	10	P10	18C	1.04				.20	.26	18C	18C	.610	ZYSXA	51	C
2013/09/01	23	70	.23	0	PCT	6	P24	03H	-.42				.13	.29	03H	03H	.610	ZYSXA	72	H
2013/09/01	23	70	.22	0	PCT	6	P31	05H	.50				.13	.27	06H	05H	.610	ZYSXA	72	H
2013/09/01	23	70	.16	0	PCT	5	P2	05H	.64				.13	.22	06H	05H	.610	ZYSXA	72	H
2013/09/01	40	70	.46		PCT	9	P4	AV2	-.27		WAR				TEH	TEC	.610	ZBAZC	13	C
2013/09/01	49	70	.35		PCT	7	P4	AV1	-.30		WAR				TEH	TEC	.610	ZBAZC	13	C
2013/09/01	49	73	.37		PCT	9	P4	AV3	.19		WAR				TEH	TEC	.610	ZBAZC	15	C

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	41	75	.63		PCT	13	P4	AV2	-.30		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	37	77	.58		PCT	12	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	37	77	.94		PCT	17	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	37	77	.50		PCT	11	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	41	77	.38		PCT	9	P4	AV2	-.28		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	41	81	1.89	0	PCT	26	P4	AV2	.08		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	81	.92	0	PCT	18	P4	AV3	-.05		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	81	.67	0	PCT	15	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	42	81	.57		PCT	12	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	42	81	.41		PCT	10	P4	AV4	.12		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	49	81	.24		PCT	6	P4	AV1	-.09		WAR				TEH	TEC	.610	ZBAZC	15	C
2013/09/01	41	83	.87	0	PCT	17	P4	AV2	.03		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	83	1.06	0	PCT	19	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	83	.52	0	PCT	13	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	85	1.24		PCT	21	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	85	.40		PCT	10	P4	AV4	-.09		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	42	85	2.05		PCT	27	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	42	85	1.22	0	PCT	21	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	48	85	.64		PCT	12	P4	AV3	-.16		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	48	85	.64		PCT	12	P4	AV4	-.18		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	39	86	.79		PCT	14	P4	AV3	-.11		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	39	86	.68	0	PCT	13	P4	AV4	.22		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	48	86	.72		PCT	13	P4	AV3	.11		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	48	86	.69	0	PCT	13	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	46	88	.93		PCT	16	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	38	89	.57	0	PCT	13	P4	AV2	.08		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	38	89	.78	0	PCT	16	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	41	90	.45		PCT	9	P4	AV2	-.05		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	41	90	1.04		PCT	17	P4	AV3	.08		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	42	90	.93		PCT	16	P4	AV3	-.19		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	44	90	.86		PCT	15	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	44	90	.72	0	PCT	13	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	45	90	1.30		PCT	20	P4	AV3	.16		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	38	91	.46		PCT	11	P4	AV2	-.08		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	38	91	.64	0	PCT	14	P4	AV4	-.05		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	42	91	.79	0	PCT	16	P4	AV3	.06		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	43	91	.58	0	PCT	12	P4	AV1	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	43	91	.98	0	PCT	19	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	43	91	.81	0	PCT	17	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	43	91	1.15	0	PCT	20	P4	AV4	-.05		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	45	91	.72		PCT	13	P4	AV1	.24		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	45	91	1.10		PCT	18	P4	AV2	.08		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	45	91	.94		PCT	16	P4	AV3	.11		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	45	91	1.94		PCT	25	P4	AV4	.13		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	41	92	1.44		PCT	21	P4	AV3	.05		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	41	92	.89		PCT	15	P4	AV4	.23		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	44	92	1.50		PCT	22	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	44	92	1.17		PCT	19	P4	AV4	.08		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	33	93	.68	0	PCT	15	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	37	93	.41	0	PCT	10	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	38	93	.86	0	PCT	17	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	41	93	.82	0	PCT	17	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	41	93	.69	0	PCT	15	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	43	93	.85		PCT	14	P4	AV3	.30		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	43	93	.88		PCT	14	P4	AV4	.08		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	40	94	2.09		PCT	26	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	40	94	.86		PCT	14	P4	AV4	-.30		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	41	94	1.47	0	PCT	21	P4	AV2	-.19		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	41	94	2.63	0	PCT	29	P4	AV3	-.22		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	41	94	.92		PCT	15	P4	AV4	-.23		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	40	95	1.55	0	PCT	23	P4	AV2	-.24		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	40	95	1.06	0	PCT	19	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	7	C
2013/09/01	38	96	2.91	0	PCT	31	P4	AV2	.00		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	96	.93	0	PCT	15	P4	AV3	.00		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	96	.76	0	PCT	13	P4	AV4	-.08		WAR				TEH	TEC	.610	ZBAZC	5	C
2013/09/01	39	96	.62	0	PCT	11	P4	AV3	.21		WAR				TEH	TEC	.610	ZBAZC	5	C
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		
2013/09/01	38	97	3.53	0	PCT	34	P4	AV2	-.11		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	97	1.35	0	PCT	19	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	97	1.19	0	PCT	18	P4	AV4	-.13		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	33	98	.59		PCT	11	P4	AV2	-.08		WAR						TEH	TEC	.610	ZBAZC	9	C
2013/09/01	36	98	.74		PCT	14	P4	AV4	.24		WAR						TEH	TEC	.610	ZBAZC	9	C
2013/09/01	38	98	1.04	0	PCT	16	P4	AV2	-.16		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	98	.82	0	PCT	14	P4	AV3	-.05		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	38	98	.83	0	PCT	14	P4	AV4	-.24		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	33	99	.60	0	PCT	14	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	7	C
2013/09/01	34	99	.57		PCT	12	P4	AV3	.29		WAR						TEH	TEC	.610	ZBAZC	7	C
2013/09/01	34	99	.60	0	PCT	13	P4	AV4	-.24		WAR						TEH	TEC	.610	ZBAZC	7	C
2013/09/01	33	100	1.05	0	PCT	16	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	31	102	.82	0	PCT	14	P4	AV2	-.08		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	31	102	.59	0	PCT	11	P4	AV4	.00		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	34	102	.80		PCT	13	P4	AV4	.30		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	31	103	1.62	0	PCT	22	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	5	C
2013/09/01	31	103	.84	0	PCT	14	P4	AV3	-.03		WAR						TEH	TEC	.610	ZBAZC	5	C
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		

Catawba 2 2EOC19

DDP 20130901

11/12/2013 12:13:42

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	11	2	.29	0	PCT	5	P6	05H	.60		WAR				08H	TEH	.610	ZBAZC	64	H
2013/09/01	1	6	1.40	66	SAI		106	TEH	.06						01H	TEH	.610	ZYSXA	2	H
2013/09/01	1	8	2.06	76	SAI		102	TEH	.09						01H	TEH	.610	ZYSXA	2	H
2013/09/01	1	10	6.55	47	SAI		106	TEH	.24						01H	TEH	.610	ZYSXA	2	H
2013/09/01	2	14	3.53	52	SAI		118	TEH	.03						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	14	4.45	5	SAI		190	TEH	.11						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	1	16	13.22	37	SAI		122	TEH	.31						01H	TEH	.610	ZYSXA	2	H
2013/09/01	3	21	6.88	45	SAI		106	TEH	.27						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	30	21	1.48	71	SAI		74	TEH	.61						TSH	TEH	.610	ZYSXA	14	H
2013/09/01	27	23	.41	0	PCT	14	P3	04H	.69		LPI		.19	.33	04H	04H	.610	ZYSXA	60	H
2013/09/01	3	24	4.33	48	SAI		106	TEH	.30						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	28	24	1.16	0	PCT	27	P17	04H	1.27		LPI		.33	.26	05H	04H	.610	ZYSXA	60	H
2013/09/01	28	24	.16	0	PCT	6	P18	04H	1.78		LPI		.18	.19	05H	04H	.610	ZYSXA	60	H
2013/09/01	45	24	.63	0	PCT	13	P4	AV4	.00		WAR				TEH	TEC	.610	ZBAZC	21	C
2013/09/01	3	25	2.86	29	SAI		154	TEH	.30						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	23	26	1.16	49	SAI		86	TEH	.09						TSH	TEH	.610	ZYSXA	16	H
2013/09/01	1	27	7.03	24	MCI		2	TEH	.09						01H	TEH	.610	ZYSXA	2	H
2013/09/01	2	27	4.27	87	SAI		122	TEH	.09						01H	TEH	.610	ZYSXA	4	H
2013/09/01	4	27	3.64	51	SAI		130	TEH	.36						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	9	27	3.03	184	MAI		70	TEH	.06						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	10	27	1.27	142	SAI		122	TEH	.07						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	47	27	.59	0	PCT	12	P4	AV2	.03		WAR				TEC	TEH	.610	ZBAZC	58	H
2013/09/01	47	27	1.24	0	PCT	19	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	58	H
2013/09/01	47	27	.82	0	PCT	15	P4	AV4	.00		WAR				TEC	TEH	.610	ZBAZC	58	H
2013/09/01	8	28	2.14	133	SAI		122	TEH	.30						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	3	29	5.11	48	SAI		106	TEH	.33						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	29	3.06	60	SAI		106	TEH	.36						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	1	30	19.33	31	SCI		14	TEH	.21						02H	TEH	.610	ZYSXA	2	H
2013/09/01	2	30	3.12	16	SAI		10	TEH	.09						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	30	4.66	39	MAI		86	TEH	.30						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	5	31	5.86	152	SAI		86	TEH	.30						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	9	31	4.01	31	SAI		38	TEH	.33						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	25	31	4.26	41	SAI		90	TEH	.30						TSH	TEH	.610	ZYSXA	14	H
2013/09/01	15	32	6.91	100	SAI		6	TEH	.06						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	20	32	3.97	43	SAI		122	TEH	.07						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	2	33	7.56	34	MAI		122	TEH	.06						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	33	4.09	49	SAI		102	TEH	.34						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	20	33	5.77	27	SAI		106	TEH	.08						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	21	33	7.88	28	SAI		106	TEH	.14						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	1	34	5.07	111	MAI		122	TEH	.31						01H	TEH	.610	ZYSXA	2	H
2013/09/01	2	34	3.78	41	MAI		106	TEH	.19						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	34	1.72	44	SAI		106	TEH	.31						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	34	2.92	45	MAI		6	TEH	.21						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	7	34	2.11	37	SAI		106	TEH	.31						01H	TEH	.610	ZYSXA	6	H
2013/09/01	15	35	1.93	27	SAI		118	TEH	.06						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	1	36	8.32	32	SAI		106	TEH	.28						01H	TEH	.610	ZYSXA	2	H
2013/09/01	2	36	2.44	40	SAI		106	TEH	.19						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	36	8.09	42	SAI		102	TEH	.30						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	8	36	6.69	14	SAI		182	TEH	.27						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	12	36	3.33	51	SAI		6	TEH	.03						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	15	36	6.63	40	SAI		6	TEH	.06						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	1	38	12.71	36	MAI		6	TEH	.37						01H	TEH	.610	ZYSXA	2	H

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L	
2013/09/01	29	38	.76	0	PCT	21	P1	09C	-.85					.23	.31	09C	09C	.610	ZYSXA	60	H
2013/09/01	1	39	4.83	45	SAI		6	TEH	.31							01H	TEH	.610	ZYSXA	2	H
2013/09/01	7	39	9.07	47	SAI		102	TEH	.34							TSH	TEH	.610	ZYSXA	6	H
2013/09/01	1	40	12.25	36	MAI		106	TEH	.27							01H	TEH	.610	ZYSXA	2	H
2013/09/01	4	40	2.64	29	SAI		122	TEH	.16							TSH	TEH	.610	ZYSXA	4	H
2013/09/01	18	40	.50	0	PCT	15	P16	14C	.40				.25	.28	14C	14C	.610	ZYSXA	65	C	
2013/09/01	1	42	4.22	60	MAI		6	TEH	.28							01H	TEH	.610	ZYSXA	2	H
2013/09/01	1	43	5.17	46	MAI		6	TEH	.33							01H	TEH	.610	ZYSXA	6	H
2013/09/01	14	43	4.64	14	SAI		22	TEH	.24							TSH	TEH	.610	ZYSXA	20	H
2013/09/01	1	44	2.22	25	MAI		150	TEH	.28							01H	TEH	.610	ZYSXA	2	H
2013/09/01	2	44	6.53	25	SAI		166	TEH	.28							01H	TEH	.610	ZYSXA	6	H
2013/09/01	5	44	8.01	17	SAI		178	TEH	.28							TSH	TEH	.610	ZYSXA	6	H
2013/09/01	6	44	6.66	10	SAI		190	TEH	.18							TSH	TEH	.610	ZYSXA	8	H
2013/09/01	6	45	1.13	0	PCT	20	P48	05H	-1.08				.28	.45	05H	04H	.610	ZYSXA	8	H	
2013/09/01	16	45	5.18	7	MAI		166	TEH	.34							TSH	TEH	.610	ZYSXA	20	H
2013/09/01	1	46	11.41	39	SAI		122	TEH	.28							01H	TEH	.610	ZYSXA	2	H
2013/09/01	8	48	7.73	24	SAI		10	TEH	.09							TSH	TEH	.610	ZYSXA	8	H
2013/09/01	18	49	4.10	35	SAI		146	TEH	.28							TSH	TEH	.610	ZYSXA	20	H
2013/09/01	1	50	9.36	24	SCI		30	TEH	.18							01H	TEH	.610	ZYSXA	6	H
2013/09/01	27	52	.57	0	PCT	13	P15	09C	-.59				.24	.26	09C	09C	.610	ZYSXA	67	C	
2013/09/01	25	53	.17	0	PCT	3	P6	10C	-.72		WAR					TEH	TEC	.610	ZBAZC	85	C
2013/09/01	1	54	9.59	56	SCI		30	TEH	.09							01H	TEH	.610	ZYSXA	2	H
2013/09/01	3	55	6.36	67	SAI		142	TEH	.06							TSH	TEH	.610	ZYSXA	2	H
2013/09/01	7	56	5.20	47	MAI		138	TEH	.24							TSH	TEH	.610	ZYSXA	6	H
2013/09/01	15	56	.97		PCT	17	P4	AV4	-.27		WAR					TEH	TEC	.610	ZBAZC	15	C
2013/09/01	33	56	4.80	21	SAI		118	TEH	.21							01H	TEH	.610	ZYSXA	18	H
2013/09/01	35	56	.43		PCT	9	P4	AV2	-.08		WAR					TEH	TEC	.610	ZBAZC	1	C
2013/09/01	11	58	.18	0	PCT	4	P6	04H	-.56		WAR					TEH	TEC	.610	ZBAZC	85	C
2013/09/01	27	59	2.77	36	SAI		178	TEH	.27							02H	TEH	.610	ZYSXA	24	H
2013/09/01	36	59	.43	0	PCT	6	P27	06H	-.59				.21	.20	06H	06H	.610	ZYSXA	24	H	
2013/09/01	39	59	.39	336	PCT	8	P4	AV4	-.20		WAR					TEH	TEC	.610	ZBAZC	5	C
2013/09/01	27	60	1.55	0	PCT	22	P4	AV2	.00		WAR					TEH	TEC	.610	ZBAZC	7	C
2013/09/01	1	62	17.03	28	SCI		98	TEH	.09							01H	TEH	.610	ZYSXA	2	H
2013/09/01	4	63	1.58	61	SAI		146	TEH	.12							TSH	TEH	.610	ZYSXA	4	H
2013/09/01	8	63	4.28	13	SAI		174	TEH	.18							TSH	TEH	.610	ZYSXA	8	H
2013/09/01	11	63	3.43	3	SAI		146	TEH	.30							TSH	TEH	.610	ZYSXA	10	H
2013/09/01	13	63	3.05	26	MAI		158	TEH	.30							TSH	TEH	.610	ZYSXA	10	H
2013/09/01	21	63	5.50	23	SAI		154	TEH	.18							02H	TEH	.610	ZYSXA	14	H
2013/09/01	24	63	5.19	43	SAI		70	TEH	.24							02H	TEH	.610	ZYSXA	26	H
2013/09/01	1	64	2.73	57	MAI		170	TEH	.43							01H	TEH	.610	ZYSXA	2	H
2013/09/01	8	64	5.79	25	SAI		138	TEH	.12							TSH	TEH	.610	ZYSXA	8	H
2013/09/01	10	64	8.79	33	SAI		162	TEH	.15							TSH	TEH	.610	ZYSXA	12	H
2013/09/01	12	64	7.68	35	SAI		162	TEH	.22							TSH	TEH	.610	ZYSXA	12	H
2013/09/01	16	64	5.91	8	SAI		178	TEH	.30							TSH	TEH	.610	ZYSXA	20	H
2013/09/01	18	64	12.12	25	SAI		170	TEH	.30							TSH	TEH	.610	ZYSXA	20	H
2013/09/01	9	65	2.74	43	SAI		122	TEH	.30	.00						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	21	65	5.87	41	SAI		106	TEH	.31							02H	TEH	.610	ZYSXA	14	H
2013/09/01	11	66	3.58	35	SAI		174	TEH	.40	.00						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	11	69	2.08	10	SAI		38	TEH	.73							TSH	TEH	.610	ZYSXA	10	H
2013/09/01	15	69	3.05	19	MAI		146	TEH	.36							TSH	TEH	.610	ZYSXA	18	H
2013/09/01	40	69	.53	0	PCT	11	P4	AV2	-.13		WAR					TEH	TEC	.610	ZBAZC	5	C
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L	

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	2	70	4.36	34	SAI		74	TEH	.27						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	70	1.80	138	MAI		54	TEH	.27						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	11	70	1.63	11	SAI		38	TEH	.40						TSH	TEH	.610	ZYSXA	10	H
2013/09/01	13	70	3.63	18	SAI		22	TEH	.33						TSH	TEH	.610	ZYSXA	18	H
2013/09/01	38	75	.67		PCT	13	P4	AV2	.18		WAR				TEH	TEC	.610	ZBAZC	9	C
2013/09/01	2	76	2.12	14	MAI		158	TEH	.39						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	76	5.70	41	SAI		150	TEH	.33						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	5	76	4.15	25	MAI		74	TEH	.33						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	9	76	6.02	23	MAI		54	TEH	.33	.00					TSH	TEH	.610	ZYSXA	10	H
2013/09/01	10	76	4.30	30	MAI		158	TEH	.03						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	49	76	.43	0	PCT	10	P4	AV1	.20		WAR				TEH	TEC	.610	ZBAZC	11	C
2013/09/01	2	77	2.73	27	SAI		86	TEH	.31						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	77	4.95	22	MAI		90	TEH	.34						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	6	77	13.31	44	MAI		162	TEH	.09						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	7	77	3.64	32	MAI		54	TEH	.27						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	9	77	5.84	29	SAI		54	TEH	.35	.00					TSH	TEH	.610	ZYSXA	10	H
2013/09/01	11	77	9.22	27	MAI		22	TEH	.42	.00					TSH	TEH	.610	ZYSXA	10	H
2013/09/01	2	78	3.94	31	MAI		90	TEH	.30						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	78	4.85	20	SAI		70	TEH	.33						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	78	2.73	52	MAI		150	TEH	.36						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	9	78	2.25	46	MAI		150	TEH	.36	.00					TSH	TEH	.610	ZYSXA	10	H
2013/09/01	10	78	4.95	22	SAI		182	TEH	.06						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	12	78	.16	0	PCT	4	P5	02H	-1.53				.33	.38	03H	02H	.610	ZYSXA	12	H
2013/09/01	2	79	3.76	22	MAI		122	TEH	.28						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	79	5.25	29	SAI		90	TEH	.06						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	79	6.08	33	MAI		154	TEH	.30						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	5	79	6.29	32	SAI		54	TEH	.30						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	6	79	3.11	24	SAI		54	TEH	.03						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	7	79	8.97	29	MAI		122	TEH	.03						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	12	79	4.39	44	MAI		146	TEH	.20						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	3	80	6.97	32	SAI		150	TEH	.06						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	80	6.07	24	SAI		74	TEH	.33						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	5	80	12.78	25	MAI		74	TEH	.21						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	6	80	2.84	15	SAI		74	TEH	.36						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	7	80	3.05	49	MAI		158	TEH	.36						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	8	80	6.89	25	MAI		86	TEH	.33						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	5	81	2.61	44	MAI		70	TEH	.30						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	6	81	3.73	29	SAI		90	TEH	.12						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	8	81	1.87	24	SAI		90	TEH	.12						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	10	81	5.54	45	MAI		150	TEH	.03						TSH	TEH	.610	ZYSXA	12	H
2013/09/01	2	82	4.21	32	MAI		86	TEH	.34						01H	TEH	.610	ZYSXA	4	H
2013/09/01	5	82	4.54	44	SAI		74	TEH	.30						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	6	82	2.98	35	MAI		162	TEH	.12						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	8	82	2.34	20	SAI		90	TEH	.06						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	9	82	3.58	21	SAI		42	TEH	.38	.00					TSH	TEH	.610	ZYSXA	10	H
2013/09/01	2	83	6.91	32	MAI		102	TEH	.31						01H	TEH	.610	ZYSXA	4	H
2013/09/01	3	83	5.78	41	MAI		122	TEH	.33						TSH	TEH	.610	ZYSXA	2	H
2013/09/01	4	83	2.85	38	SAI		86	TEH	.27						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	5	83	2.51	32	SAI		54	TEH	.30						TSH	TEH	.610	ZYSXA	6	H
2013/09/01	2	84	4.01	38	SAI		102	TEH	.31						01H	TEH	.610	ZYSXA	4	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L

Catawba 2 2EOC19

DDP 20130901

11/12/2013 12:13:42

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		
2013/09/01	3	84	5.57	32	SAI		54	TEH	.36								TSH	TEH	.610	ZYSXA	2	H
2013/09/01	6	84	1.64	27	SAI		90	TEH	.12								TSH	TEH	.610	ZYSXA	8	H
2013/09/01	7	84	7.56	28	SAI		54	TEH	.36								TSH	TEH	.610	ZYSXA	6	H
2013/09/01	10	84	2.68	21	SAI		70	TEH	.06								TSH	TEH	.610	ZYSXA	12	H
2013/09/01	40	84	.52	0	PCT	11	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	25	C
2013/09/01	3	85	.93	51	SAI		54	TEH	.19								TSH	TEH	.610	ZYSXA	2	H
2013/09/01	9	85	4.21	15	SAI		70	TEH	.30								TSH	TEH	.610	ZYSXA	6	H
2013/09/01	33	85	.24	0	PCT	8	P16	09C	-.43				.14	.27	09C	09C	.610	ZYSXA	69	C		
2013/09/01	2	86	3.48	23	MAI		86	TEH	.34								01H	TEH	.610	ZYSXA	4	H
2013/09/01	6	86	1.60	37	SAI		122	TEH	.22								TSH	TEH	.610	ZYSXA	8	H
2013/09/01	7	86	2.67	20	MAI		58	TEH	.33								TSH	TEH	.610	ZYSXA	6	H
2013/09/01	47	88	.57	0	PCT	11	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	25	C
2013/09/01	47	88	.73	0	PCT	13	P4	AV4	-.10		WAR						TEH	TEC	.610	ZBAZC	25	C
2013/09/01	1	91	7.37	28	SAI		38	TEH	.27								01H	TEH	.610	ZYSXA	30	H
2013/09/01	2	91	2.50	32	SAI		6	TEH	.34								01H	TEH	.610	ZYSXA	30	H
2013/09/01	44	91	.90	0	PCT	17	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	44	91	.40	0	PCT	10	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	44	91	.50	0	PCT	11	P4	AV4	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	2	92	3.10	13	SAI		134	TEH	.34								01H	TEH	.610	ZYSXA	30	H
2013/09/01	4	92	1.24	32	SAI		138	TEH	.41								TSH	TEH	.610	ZYSXA	30	H
2013/09/01	12	92	4.13	34	SAI		170	TEH	.19								TSH	TEH	.610	ZYSXA	26	H
2013/09/01	2	93	4.08	16	SAI		6	TEH	.34								01H	TEH	.610	ZYSXA	30	H
2013/09/01	1	94	.65	97	MAI		42	TEH	.33								01H	TEH	.610	ZYSXA	30	H
2013/09/01	2	95	5.70	29	SAI		118	TEH	.28								01H	TEH	.610	ZYSXA	30	H
2013/09/01	4	95	2.26	16	SAI		138	TEH	.10								TSH	TEH	.610	ZYSXA	30	H
2013/09/01	37	95	.64		PCT	13	P4	AV2	.26		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	1	96	6.02	40	MAI		6	TEH	.33								01H	TEH	.610	ZYSXA	30	H
2013/09/01	35	96	.57	0	PCT	11	P4	AV2	-.11		WAR						TEH	TEC	.610	ZBAZC	33	C
2013/09/01	35	96	.86		PCT	15	P4	AV3	-.15		WAR						TEH	TEC	.610	ZBAZC	33	C
2013/09/01	38	96	.27	0	PCT	5	P6	05H	-.74		WAR						TEH	TEC	.610	ZBAZC	85	C
2013/09/01	40	96	.51	0	PCT	11	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	1	97	7.77	33	SAI		142	TEH	.36								01H	TEH	.610	ZYSXA	30	H
2013/09/01	2	98	2.14	24	SAI		142	TEH	.34								01H	TEH	.610	ZYSXA	30	H
2013/09/01	36	98	.73		PCT	15	P4	AV4	-.05		WAR						TEH	TEC	.610	ZBAZC	39	C
2013/09/01	37	98	.68	0	PCT	15	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	39	C
2013/09/01	1	99	8.43	41	MAI		142	TEH	.36								01H	TEH	.610	ZYSXA	30	H
2013/09/01	3	99	1.72	108	SAI		54	TEH	.27								TSH	TEH	.610	ZYSXA	32	H
2013/09/01	36	99	.70	0	PCT	14	P4	AV4	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	37	99	1.20	0	PCT	20	P4	AV4	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	32	102	.33	0	PCT	9	P4	AV1	.00		WAR						TEH	TEC	.610	ZBAZC	39	C
2013/09/01	32	103	.88	0	PCT	17	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	32	103	.64	0	PCT	13	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	32	103	.80		PCT	15	P4	AV4	.05		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	30	104	.70	0	PCT	14	P4	AV1	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	30	104	.60	0	PCT	13	P4	AV2	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	30	104	.82	0	PCT	16	P4	AV3	.00		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	30	104	.50	0	PCT	11	P4	AV4	-.26		WAR						TEH	TEC	.610	ZBAZC	37	C
2013/09/01	5	106	4.90	46	SAI		146	TEH	.06								TSH	TEH	.610	ZYSXA	32	H
2013/09/01	9	113	1.23	0	PCT	28	P12	08H	-1.04				.29	.39	08H	07H	.610	ZYSXA	60	H		
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
----------	-----	-----	-------	-----	-----	-----	-----	------	-------	-------	-------	-------	-------	-------	------	------	------	-------	-----	---

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		
2013/09/01	1	6	4.72	48	SAI		54	TEH	.24								01H	TEH	.610	ZYSXA	22	H
2013/09/01	27	9	1.60		PCT	22	P4	AV2	-.14		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	25	10	.69	0	PCT	19	P25	18C	.47				.22	.33	18C	TEC	.610	ZYSXA	27	C		
2013/09/01	28	10	.72		PCT	13	P4	AV2	-.30		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	29	10	.28		PCT	6	P4	AV2	-.03		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	29	10	.52		PCT	10	P4	AV3	.07		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	28	11	.33		PCT	7	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	1	12	3.33	26	SAI		102	TEH	.18								01H	TEH	.610	ZYSXA	22	H
2013/09/01	29	12	.70		PCT	13	P4	AV2	-.15		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	29	12	.67		PCT	13	P4	AV3	.15		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	31	12	1.46		PCT	22	P4	AV3	.05		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	33	12	.74		PCT	13	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	33	12	.68		PCT	12	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	62	H
2013/09/01	29	14	.56		PCT	10	P4	AV3	.28		WAR						TEC	TEH	.610	ZBAZC	60	H
2013/09/01	33	14	1.28		PCT	19	P4	AV2	-.25		WAR						TEC	TEH	.610	ZBAZC	60	H
2013/09/01	33	14	.76		PCT	13	P4	AV3	.30		WAR						TEC	TEH	.610	ZBAZC	60	H
2013/09/01	30	15	1.10	0	PCT	17	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	31	15	.81	0	PCT	14	P4	AV2	-.20		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	38	17	.44	0	PCT	8	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	38	17	1.01	0	PCT	16	P4	AV2	-.16		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	38	17	.51	0	PCT	10	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	39	17	.40	0	PCT	8	P4	AV1	.03		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	39	18	.35	0	PCT	7	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	39	18	.75	0	PCT	13	P4	AV2	-.05		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	1	19	4.40	32	SAI		122	TEH	.15								01H	TEH	.610	ZYSXA	22	H
2013/09/01	40	20	1.24	0	PCT	19	P4	AV2	-.13		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	41	20	.49	0	PCT	9	P4	AV1	.08		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	41	20	.42	0	PCT	8	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	41	20	.35	0	PCT	7	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	1	21	.93	61	SAI		170	TEH	.15								01H	TEH	.610	ZYSXA	22	H
2013/09/01	35	21	.38	0	PCT	8	P4	AV4	.10		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	40	22	.69		PCT	12	P4	AV2	.08		WAR						TEC	TEH	.610	ZBAZC	60	H
2013/09/01	43	22	.38	0	PCT	8	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	38	23	.56	0	PCT	10	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	38	23	.67	0	PCT	12	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	44	23	.41	0	PCT	8	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	44	23	.42	0	PCT	8	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	36	25	.51	0	PCT	10	P4	AV2	.03		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	31	27	.89	0	PCT	15	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	39	27	.57	0	PCT	10	P4	AV2	-.03		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	39	27	.76	0	PCT	13	P4	AV3	.19		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	40	27	.74	0	PCT	13	P4	AV2	.11		WAR						TEC	TEH	.610	ZBAZC	58	H
2013/09/01	36	33	.50	0	PCT	11	P4	AV2	.08		WAR						TEC	TEH	.610	ZBAZC	56	H
2013/09/01	38	34	.67		PCT	12	P4	AV2	-.20		WAR						TEC	TEH	.610	ZBAZC	54	H
2013/09/01	36	37	.36		PCT	9	P4	AV2	-.09		WAR						TEC	TEH	.610	ZBAZC	56	H
2013/09/01	40	47	.75	0	PCT	15	P4	AV2	.16		WAR						TEC	TEH	.610	ZBAZC	52	H
2013/09/01	5	49	3.28	19	SAI		178	TEH	.09								TSH	TEH	.610	ZYSXA	16	H
2013/09/01	3	51	3.41	26	SAI		186	TEH	.12								TSH	TEH	.610	ZYSXA	16	H
2013/09/01	5	51	2.02	90	SAI		58	TEH	.27								TSH	TEH	.610	ZYSXA	16	H
2013/09/01	16	52	4.70	34	SAI		150	TEH	.15								TSH	TEH	.610	ZYSXA	14	H
2013/09/01	33	55	1.75	0	PCT	25	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	52	H
2013/09/01	22	70	3.44	37	SAI		146	TEH	.24								02H	TEH	.610	ZYSXA	8	H
2013/09/01	49	76	1.46	0	PCT	21	P4	AV1	.05		WAR						TEC	TEH	.610	CBACC	32	H
2013/09/01	3	78	.44	0	PCT	9	P23	13C	.73				.33	.27	13C	13C	.610	ZYSXA	33	C		
2013/09/01	46	78	.21	16	PCT	4	P3	15C	.71				.19	.44	13C	15C	.610	ZYSXA	1	C		
2013/09/01	47	78	.33	0	PCT	10	P34	15C	.65				.28	.36	13C	15C	.610	ZYSXA	1	C		
2013/09/01	45	79	2.74	0	PCT	42	P33	15C	.46				.34	.52	13C	15C	.610	ZYSXA	1	C		
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		

Catawba 2 2EOC19

DDP 20130901

11/12/2013 12:16:28

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	45	79	.92	0	PCT	31	3	15C	.54				.16	.24	15C	13C	.610	ZPS3C	3	C
2013/09/01	49	79	.57	0	PCT	11	P4	AV1	.09		WAR				TEC	TEH	.610	CBACC	32	H
2013/09/01	10	80	3.49	54	MAI			42 TEH	.10						TSH	TEH	.610	ZYSXA	4	H
2013/09/01	44	81	2.32		PCT	29	P4	AV2	.30		WAR				TEC	TEH	.610	CBACC	32	H
2013/09/01	44	81	1.36	64	PCT	20	P4	AV3	.15		WAR				TEC	TEH	.610	CBACC	32	H
2013/09/01	44	81	.55	0	PCT	11	P4	AV4	-.08		WAR				TEC	TEH	.610	CBACC	32	H
2013/09/01	49	82	.48	0	PCT	10	P4	AV4	.00		WAR				TEC	TEH	.610	CBACC	32	H
2013/09/01	46	88	.62	0	PCT	12	P4	AV2	-.20		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	44	92	.28	0	PCT	6	P4	AV3	.03		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	44	92	.48	0	PCT	10	P4	AV4	.10		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	43	93	.56	0	PCT	11	P4	AV2	-.05		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	43	93	.36	0	PCT	8	P4	AV3	-.12		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	43	93	.51	0	PCT	11	P4	AV4	.00		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	39	94	.75	0	PCT	14	P4	AV3	.11		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	42	94	.48	0	PCT	10	P4	AV4	.05		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	34	95	9.59	44	SCI			50 TEH	.12						TSH	TEH	.610	ZYSXA	8	H
2013/09/01	38	97	1.15	0	PCT	19	P4	AV2	-.08		WAR				TEC	TEH	.610	ZBAZC	48	H
2013/09/01	39	97	.43	0	PCT	9	P4	AV1	.19		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	39	97	.74	0	PCT	14	P4	AV2	.03		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	39	97	.54	0	PCT	11	P4	AV3	.08		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	39	97	.83	0	PCT	15	P4	AV4	.10		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	36	98	.68	0	PCT	13	P4	AV2	.00		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	38	99	.73	0	PCT	14	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	38	99	2.06	0	PCT	27	P4	AV4	.00		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	33	100	.51	0	PCT	11	P4	AV2	-.24		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	33	101	.75	0	PCT	15	P4	AV4	.08		WAR				TEC	TEH	.610	ZBAZC	48	H
2013/09/01	33	102	.68	0	PCT	13	P4	AV2	.06		WAR				TEC	TEH	.610	CBACC	46	H
2013/09/01	28	103	.28	0	PCT	7	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	48	H
2013/09/01	28	105	.80	0	PCT	15	P4	AV3	.00		WAR				TEC	TEH	.610	CBACC	46	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		
2013/09/01	26	8	.45	0	PCT	10	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	28	10	.40	0	PCT	10	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	28	10	.64		PCT	13	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	32	12	.75	0	PCT	15	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	33	13	1.59	0	PCT	24	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	33	13	1.12	0	PCT	20	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	33	13	.70	0	PCT	14	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	35	14	3.16	0	PCT	34	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	35	14	.89		PCT	17	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	33	15	.85	0	PCT	16	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	36	16	.62	0	PCT	13	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	36	16	2.73	0	PCT	32	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	36	16	.77	0	PCT	15	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	36	16	.67	0	PCT	14	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	35	17	7.83	31	SCI			110 TEH	.25								01H	TEH	.610	ZYSXA	12	H
2013/09/01	37	17	.88	0	PCT	17	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	37	17	.84	0	PCT	16	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	38	18	1.63		PCT	20	P4	AV2	.10		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	38	18	1.45		PCT	19	P4	AV4	-.11		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	38	19	.63	0	PCT	13	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	38	20	.93		PCT	14	P4	AV2	-.12		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	38	20	.84		PCT	12	P4	AV4	-.16		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	41	20	.55	0	PCT	12	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	38	21	.63	0	PCT	13	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	38	22	7.49	14	MCI			14 TEH	.52								TSH	TEH	.610	ZYSXA	10	H
2013/09/01	43	22	.59	0	PCT	13	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	43	22	.63	0	PCT	13	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	43	22	1.78	0	PCT	25	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	43	22	1.27	0	PCT	21	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	42	23	1.39	0	PCT	22	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	42	23	.81	0	PCT	16	P4	AV4	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	44	24	.82	0	PCT	16	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	38	26	.58		PCT	9	P4	AV2	.30		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	6	28	1.63	108	SAI			158 TEH	.06								TSH	TEH	.610	ZYSXA	4	H
2013/09/01	33	28	.53		PCT	12	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	43	29	.50	0	PCT	11	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	42	30	.69	0	PCT	11	P4	AV2	.13		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	42	32	.86	0	PCT	13	P4	AV2	-.11		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	44	34	.51	143	PCT	8	P4	AV2	.11		WAR						TEC	TEH	.610	ZBAZC	66	H
2013/09/01	49	37	.35	0	PCT	9	P4	AV1	.00		WAR						TEC	TEH	.610	ZBAZC	64	H
2013/09/01	35	43	4.19	67	SCI			110 TEH	.34								TSH	TEH	.610	ZYSXA	10	H
2013/09/01	44	46	1.14	0	PCT	20	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	21	57	.37	0	PCT	11	P46	05H	-.85				.21	.21	05H	05H	.610	ZYSXA	94	H		
2013/09/01	38	64	1.32		PCT	18	P4	AV2	.11		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	36	65	1.39	60	PCT	24	P4	AV3	.30		WAR						TEC	TEH	.610	ZBAZC	60	H
2013/09/01	28	66	.64	0	PCT	19	P4	09C	-.72				.24	.27	09C	09C	.610	ZYSXA	35	C		
2013/09/01	49	66	.95		PCT	14	P4	AV4	-.14		WAR						TEC	TEH	.610	ZBAZC	70	H
2013/09/01	28	69	.25	0	PCT	10	P2	10C	-.99				.21	.33	10C	11C	.610	ZYSXA	35	C		
2013/09/01	28	71	1.17	0	PCT	20	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	56	H
2013/09/01	49	74	.68		PCT	13	P4	AV4	-.11		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	41	77	1.10		PCT	18	P4	AV2	.01		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	41	77	.56		PCT	11	P4	AV3	-.04		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	38	78	.52		PCT	10	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	38	78	1.20		PCT	19	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	43	78	1.81		PCT	24	P4	AV2	.00		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	43	78	2.70		PCT	30	P4	AV3	.00		WAR						TEC	TEH	.610	ZBAZC	74	H
2013/09/01	33	79	.32	0	PCT	5	P4	AV1	-.06		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	33	79	.46	0	PCT	7	P4	AV2	.05		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	33	81	.46		PCT	10	P4	AV2	.30		WAR						TEC	TEH	.610	ZBAZC	68	H
2013/09/01	39	81	.50		PCT	10	P4	AV2	.04		WAR						TEC	TEH	.610	ZBAZC	74	H
INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L		

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
2013/09/01	39	81	.38	0	PCT	8	P4	AV4	.00		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	48	82	.36		PCT	8	P4	AV1	-.08		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	1	84	2.86	32	SAI			TEH	.24						01H	TEH	.610	ZYSXA	18	H
2013/09/01	49	84	.48	0	PCT	11	P4	AV1	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	42	85	.85		PCT	15	P4	AV2	.12		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	42	85	.75		PCT	14	P4	AV3	-.05		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	47	87	.51	0	PCT	12	P4	AV4	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	46	89	.58	0	PCT	13	P4	AV1	.25		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	46	89	.38	0	PCT	10	P4	AV2	.25		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	38	90	.46		PCT	11	P4	AV2	.11		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	39	90	.61		PCT	13	P4	AV2	.08		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	44	90	.37		PCT	9	P4	AV1	.21		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	44	91	.59		PCT	13	P4	AV2	.22		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	44	91	.58	0	PCT	13	P4	AV3	-.03		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	44	91	.57		PCT	12	P4	AV4	-.22		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	45	91	.38		PCT	9	P4	AV2	.16		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	45	91	.56		PCT	12	P4	AV4	.03		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	36	93	.93		PCT	18	P4	AV2	.21		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	38	93	1.62		PCT	23	P4	AV2	-.06		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	38	93	.70		PCT	13	P4	AV3	-.20		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	40	93	.81		PCT	14	P4	AV2	.28		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	36	94	.61		PCT	13	P4	AV1	-.08		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	36	94	.73		PCT	15	P4	AV2	.30		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	38	94	.41	0	PCT	10	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	40	94	.84	0	PCT	16	P4	AV2	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	40	94	.68	0	PCT	14	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	32	96	.54		PCT	12	P4	AV2	.29		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	35	96	.47	0	PCT	7	P4	AV2	-.11		WAR				TEC	TEH	.610	ZBAZC	58	H
2013/09/01	36	96	.78	0	PCT	16	P4	AV2	.03		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	36	96	.61		PCT	13	P4	AV3	.22		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	39	96	.91	0	PCT	17	P4	AV3	.08		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	40	96	.43	0	PCT	11	P4	AV1	.06		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	40	96	.34	0	PCT	9	P4	AV2	.23		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	36	97	1.21	102	PCT	16	P4	AV2	.00		WAR				TEC	TEH	.610	ZBAZC	62	H
2013/09/01	40	97	.53	0	PCT	12	P4	AV1	.00		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	40	97	.66		PCT	14	P4	AV3	.22		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	34	98	1.19		PCT	21	P4	AV2	-.03		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	36	98	.92	284	PCT	13	P4	AV3	.00		WAR				TEC	TEH	.610	ZBAZC	62	H
2013/09/01	39	98	.43		PCT	10	P4	AV1	.28		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	34	99	.71		PCT	13	P4	AV2	.00		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	34	100	.74		PCT	13	P4	AV3	.30		WAR				TEC	TEH	.610	ZBAZC	74	H
2013/09/01	36	100	1.44	0	PCT	23	P4	AV3	-.29		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	36	100	2.71	0	PCT	32	P4	AV3	.14		WAR				TEC	TEH	.610	ZBAZC	76	H
2013/09/01	30	102	1.29	0	PCT	21	P4	AV3	-.30		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	29	104	.65		PCT	14	P4	AV2	-.13		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	28	105	.95	0	PCT	17	P4	AV2	.24		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	28	105	.53		PCT	12	P4	AV3	.30		WAR				TEC	TEH	.610	ZBAZC	56	H
2013/09/01	25	107	1.24	0	PCT	20	P4	AV2	-.16		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	25	107	.51		PCT	11	P4	AV3	.21		WAR				TEC	TEH	.610	ZBAZC	52	H
2013/09/01	27	107	.69		PCT	14	P4	AV2	-.21		WAR				TEC	TEH	.610	ZBAZC	56	H

INSPDATE	ROW	COL	VOLTS	DEG	IND	PER	CHN	LOCN	INCH1	INCH2	UTIL1	UTIL2	CRLEN	CRWID	BEGT	ENDT	PDIA	PTYPE	CAL	L
----------	-----	-----	-------	-----	-----	-----	-----	------	-------	-------	-------	-------	-------	-------	------	------	------	-------	-----	---