



2016
Qualifying Events Report
March 13, 2016 Event

Filed on June 8, 2016

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Event Description

Event Date and Time

Start: 3/13/2016, 12:30

End: 3/15/2016, 21:00

Event Type

Wind

Service Areas Significantly Affected

Whatcom County, Skagit County, Island County, King County, Pierce County, Thurston County, Kitsap County, Vashon Island

Number of Customers Affected

System wide, approximately 281,196 customers were without power during the course of this event.

Summary of System Impacts

Total Number of Outages	643
Transmission Lines Affected	24
Substations Offline	20

Mobilization Summary

Operating Bases Placed In Emergency Status

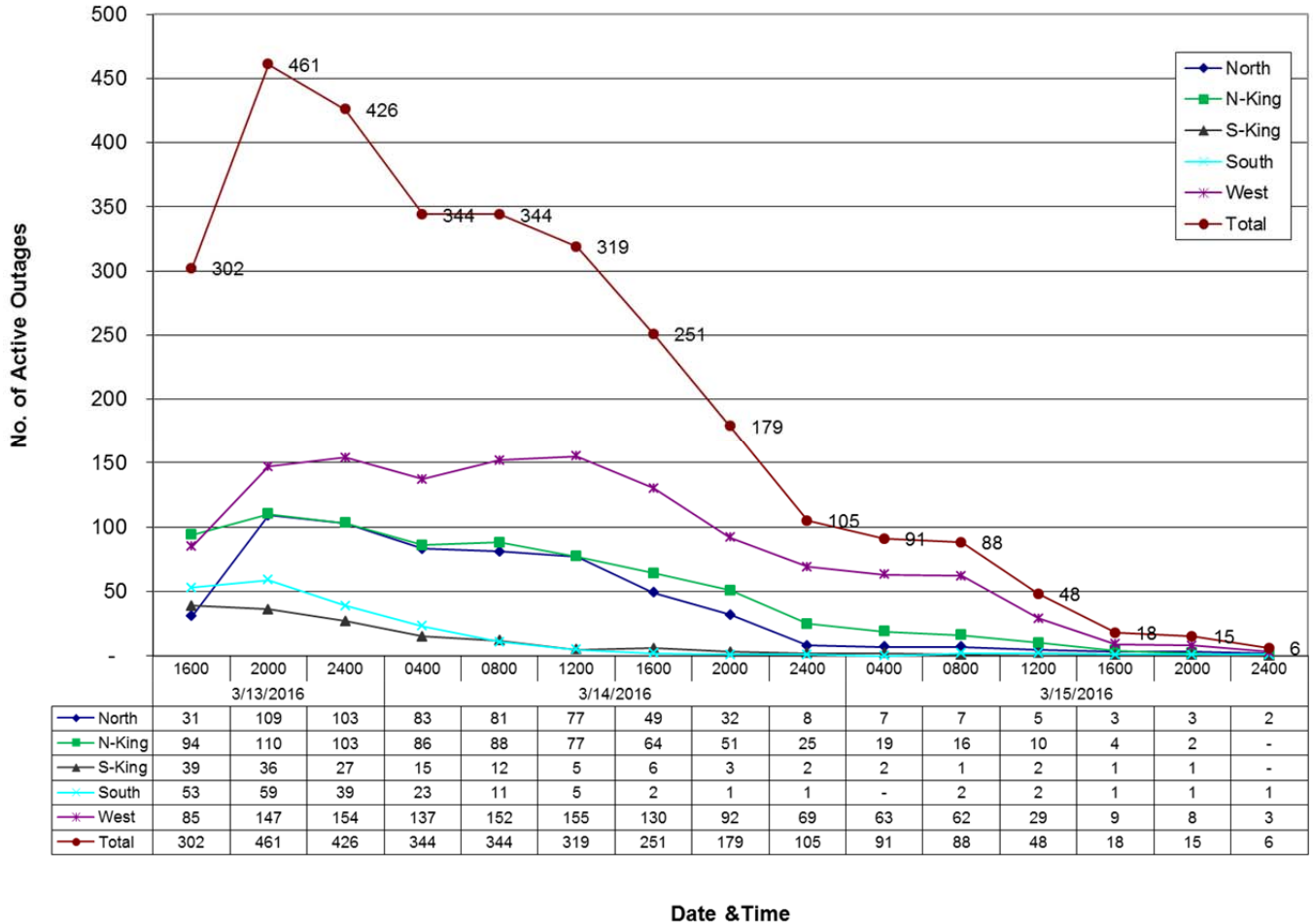
Base	Date Opened	Time Opened	Date Closed	Time Closed
Whatcom/Skagit/Island	3/13/16	14:45	3/14/16	23:30
North King	3/13/16	14:30	3/15/16	14:00
South King	3/13/16	13:00	3/14/16	08:00
Pierce	3/13/16	13:00	3/14/16	11:15
Thurston	3/13/16	13:00	3/14/16	06:00
Kitsap	3/13/16	14:30	3/15/16	18:45
Vashon	3/13/16	14:30	3/15/16	18:45
Kittitas	N/A			

Emergency Coordination Center (ECC)

ECC	Date Opened	Time Opened	Date Closed	Time Closed
	3/13/16	14:00	3/15/16	21:00

Active Outage Event Chart

Number of Active Outages - 12:30 p.m. Mar. 13, 2016 to 9 p.m. Mar. 15, 2016



Major Event Day – Qualification

IEEE¹ Standard 1366

IEEE Standard 1366 was established to present a set of terms and definitions which can be used to foster uniformity in the development of electric system service reliability indices, to identify factors which affect the indices, and to aid in consistent reporting practices among utilities. Also, it provides guidance for new personnel in the reliability area and tools for internal as well as external comparisons. The Major Event Day definition was created as part of IEEE Standard 1366 to allow for consistent calculation of reliability metrics between utilities and enable more valid comparisons with other utility reliability metrics.

IEEE Major Event Day Calculation (2.5 BETA METHOD)

1. A threshold on daily SAIDI² is computed once a year, following year end
2. Assemble the 5 most recent years of historical values of SAIDI/day
3. Discard any days in the data set that has a SAIDI/day of zero
4. Find the natural logarithm of each value in the data set
5. Compute the average (Alpha) and the standard deviation (Beta) of the natural logarithms computed in step 4
6. Compute the threshold T_{MED} where $T_{MED} = \exp(\text{Alpha} + 2.5 * \text{Beta})$
7. Any day in the next year with SAIDI > T_{MED} is a major event day

Puget Sound Energy's IEEE Major Event Threshold (T_{MED}) for 2016: 6.45 Minutes

Qualified Events - 2016

Current Event – Calculation Detail

Event Date, Time Range	Total Customer Minutes	Average Customer Count	Event SAIDI (Customer Minutes /Customer Count)
3/13/2016, 12:30 – 3/15, 21:00	133,987,957	1,122,484	119.37

Daily SAIDI Detail

(first day that daily SAIDI exceeded PSE's T_{MED} of 6.45 Minutes by qualifying event)

Date	Daily SAIDI (from midnight to midnight)	O&M ³ Costs– Deferrable Accumulation
3/1/2016	36.4	\$1,868,908
3/10/2016	48.5	\$3,884,549
3/13/2016	115.4	\$2,246,543

¹ IEEE: Institute of Electrical and Electronics Engineers

² SAIDI: System Average Interruption Duration Index

³ O&M: Operations and Maintenance

(r): Revised

Event Restoration – Cost Summary

2016 Restoration Costs Detail by Qualifying Event (updated)

Event Date	Qualified Events Deferred Account	Capital Costs	O&M Costs Not Deferrable	O&M Costs Deferrable Accumulation	Total O&M Costs	Total
3/1/2016	\$-	\$128,627	\$163,719	\$1,868,908	\$2,032,627	\$2,161,254
3/10/2016	\$-	\$288,026	\$311,793	\$3,884,549	\$4,196,342	\$4,484,368
3/13/2016	\$4,401,933	\$367,877	\$512,480	\$2,246,543	\$7,160,956	\$7,528,833

(r) Revised

2016 YTD Storm Restoration Costs Detail

Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulation	Total O&M	Total
\$4,401,933	\$784,530	\$987,992	\$8,000,000	\$13,389,925	\$14,174,455

Detail Documents

Restoration Cost Detail – Current Event

Detailed List of Distribution Circuits with Outages

Terms, Codes and Definitions Used on Detail Reports

Newsprint Media Coverage

Restoration Cost Detail – Current Event

March 13, 2016- Storm Damage Repair Costs						
	Qualifying Events Deferred Account	Capital	O&M - Not Deferrable	O&M - Deferrable Accumulati on	Total O&M	Total
Labor						
ST		\$ 9,005	\$ -	\$ 264,752	\$ 264,752	\$ 273,757
OT		\$ 4,026	\$ -	\$ 768,185	\$ 768,185	\$ 772,210
Total Labor	\$ -	\$ 13,031	\$ -	\$ 1,032,937	\$ 1,032,937	\$ 1,045,968
Labor OH		\$ 8,358	\$ (388,966)	\$ 971,343	\$ 582,376	\$ 590,734
Materials		\$ 113,873	\$ -	\$ 264,940	\$ 264,940	\$ 378,813
Contractors		\$ 196,751	\$ -	\$ 5,039,741	\$ 5,039,741	\$ 5,236,491
Other Direct Charges		\$ 154	\$ -	\$ 96,307	\$ 96,307	\$ 96,461
Fleet		\$ 1,084	\$ -	\$ 104,312	\$ 104,312	\$ 105,396
Other Assessments		\$ 34,627	\$ 901,446	\$ (861,103)	\$ 40,343	\$ 74,970
Deferred Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	\$ -	\$ 367,878	\$ 512,480	\$ 6,648,477	\$ 7,160,957	\$ 7,528,834

**Detailed List of Outages - First T_{MED}-Exceeding Day
March 13, 2016**

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00276542-1	3/13/2016	5:22:21 AM	EPO-15	ECD	TV	OCO	2,687	3,136
P00276544-1	3/13/2016	6:18:41 AM	CHI-13	ECD	EF	OCO	5	278
P00276545-1	3/13/2016	7:40:36 AM	TOL-15	EBD	UN	OFU	11	1,018
P00276548-1	3/13/2016	8:25:39 AM	EGT-12	EBE	BA	OTF	2	271
P00276558-1	3/13/2016	8:57:14 AM	MER-16	EBE	UN	OTF	2	171
P00276559-1	3/13/2016	9:00:25 AM	LYN-17	EAA	EF	OCN	1	106
P00276560-1	3/13/2016	9:00:40 AM	MVW-13	EBJ	BA	OTR	5	419
P00275850-1	3/13/2016	9:10:44 AM	NOP-23	EBJ	SO	DNO	4	148
P00276565-1	3/13/2016	9:33:25 AM	FLD-12	EAD	TV	OSV	3	455
P00276572-1	3/13/2016	10:17:58 AM	PEA-15	EBJ	TV	OFU	90	7,754
P00276588-1	3/13/2016	10:58:00 AM	ING-15	EBD	TV	OCO	5,255	443,269
P00276595-1	3/13/2016	11:03:04 AM	KNT-23	EBJ	UN	OTF	27	2,663
P00276596-1	3/13/2016	11:11:17 AM	JUA-14	EBD	TV	OCO	1	83
P00276603-1	3/13/2016	11:13:00 AM	PIK-21	EBF	TV	OCO	6	3,244
P00276606-1	3/13/2016	11:14:52 AM	CWD-24	EBD	TV	OCO	1	79
P00276611-1	3/13/2016	11:53:00 AM	CWD-22	EBD	EF	UHH	1	229
P00276616-1	3/13/2016	12:24:35 PM	13-Dec	ECC	TV	OCO	537	73,802
P00276619-1	3/13/2016	12:32:00 PM	PLG-13	ECC	EF	OFC	43	11,069
P00276636-1	3/13/2016	12:39:29 PM	GAR-13	ECA	TV	OFU	47	8,310
P00276627-1	3/13/2016	12:42:10 PM	RIT-18	EAC	TV	OFU	84	3,489
P00276630-1	3/13/2016	12:43:00 PM	GAR-13	ECA	TV	OPO	175	113,175
P00276632-1	3/13/2016	12:44:00 PM	BLU-13	ECC	TV	OCO	3	2,457
P00276637-1	3/13/2016	12:45:00 PM	SOO-23	EBI	OD	OCO	49	16,045
P00276642-1	3/13/2016	12:51:57 PM	KAP-16	ECA	TV	OFU	18	21,051
P00276643-1	3/13/2016	12:52:34 PM	BON-16	ECA	UN	OFU	38	17,243
P00276644-1	3/13/2016	12:53:00 PM	AIR-23	ECC	TV	OCO	17	11,693
P00276649-1	3/13/2016	12:53:33 PM	TAN-16	ECC	TV	OCO	1,319	107,983

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00276771-1	3/13/2016	12:55:00 PM	TLN-0042	EBI	TV	OCO	896	104,324
P00276775-1	3/13/2016	12:55:00 PM	TLN-0042	ECA	TV	OPO	3,028	694,306
P00276741-1	3/13/2016	12:55:00 PM	TLN-0153	ECC	TV	OCO	5,304	1,187,656
P00276716-1	3/13/2016	1:00:56 PM	HAW-11	ECC	TV	PTF	9	4,014
P00276818-1	3/13/2016	1:01:00 PM	TLN-0146	EBI	TV	SBF	3,960	629,781
P00276752-1	3/13/2016	1:01:28 PM	WOO-27	ECA	TV	OCO	1,852	276,750
P00276861-1	3/13/2016	1:02:50 PM	PLG-13	ECC	TV	OAR	2	1,442
P00276751-1	3/13/2016	1:03:00 PM	BON-17	ECA	TV	OAR	82	40,101
P00276760-1	3/13/2016	1:04:53 PM	BLU-16	ECC	TV	OFU	20	3,921
P00280748-1	3/13/2016	1:05:00 PM	TLN-0063	ECE	TV	OCO	5,749	3,362,398
P00279103-1	3/13/2016	1:09:00 PM	SHD-18	EBI	TV	OCO	1,918	671,268
P00276780-1	3/13/2016	1:10:00 PM	FRU-25	ECA	EF	OJU	47	26,403
P00276784-1	3/13/2016	1:10:54 PM	GRV-15	ECA	TV	OCO	872	418,909
P00276790-1	3/13/2016	1:13:00 PM	BDI-15	EBI	TV	OCR	111	76,692
P00276786-1	3/13/2016	1:13:14 PM	LMD-16	EBJ	TV	OFU	5	2,775
P00281659-1	3/13/2016	1:15:05 PM	DGR-15	ECA	TV	OFU	-	157,313
P00276812-1	3/13/2016	1:15:21 PM	HAN-15	EAA	TV	OFU	250	26,453
P00276820-1	3/13/2016	1:16:08 PM	SEQ-22	EBJ	TV	OFU	8	5,474
P00276854-1	3/13/2016	1:17:36 PM	MOT-14	ECC	TV	OFU	73	13,860
P00276830-1	3/13/2016	1:18:11 PM	EDG-15	ECA	TV	OSV	6	6,257
P00276831-1	3/13/2016	1:18:42 PM	CHA-15	ECC	TV	OFU	1	737
P00276833-1	3/13/2016	1:18:46 PM	LON-25	ECC	TV	OCO	273	134,890
P00276845-1	3/13/2016	1:19:00 PM	FCR-11	EBI	TV	SCB	1,784	253,685
P00276842-1	3/13/2016	1:20:00 PM	ROL-15	EBJ	TV	OCO	-	9,267
P00281991-1	3/13/2016	1:20:53 PM	LON-25	ECC	TV	OCO	7	8,464
P00276850-1	3/13/2016	1:22:00 PM	LMC-23	EBE	TV	OCO	82	125,843
P00276852-1	3/13/2016	1:22:27 PM	STW-13	ECA	OD	OCO	479	265,957
P00276855-1	3/13/2016	1:23:00 PM	VAS-13	EBL	TV	OCO	13	28,304
P00276859-1	3/13/2016	1:23:00 PM	PRE-14	EBE	EF	OCO	623	465,397

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00277467-1	3/13/2016	1:24:00 PM	GRV-16	ECA	OD	OCO	642	280,083
P00276863-1	3/13/2016	1:24:39 PM	PRI-24	ECC	TV	OFU	44	4,005
P00276881-1	3/13/2016	1:26:00 PM	FRA-13	ECD	TV	OCO	126	348,172
P00276907-1	3/13/2016	1:26:00 PM	VWY-15	EAA	TV	OCO	153	45,918
P00282329-1	3/13/2016	1:26:02 PM	FNW-17	ECD	TV	OCO	23	33,496
P00282218-1	3/13/2016	1:26:02 PM	SIN-25	ECD	TV	OCO	-	39,424
P00279193-1	3/13/2016	1:26:02 PM	SIN-25	ECD	TV	OCO	2,376	2,471,329
P00276884-1	3/13/2016	1:26:38 PM	STA-16	EBJ	TV	OSV	1	1,644
P00276904-1	3/13/2016	1:27:00 PM	RAI-12	ECC	TV	OCO	39	23,946
P00277502-1	3/13/2016	1:27:14 PM	MVW-13	EBJ	EF	OSP	16	12,396
P00276921-1	3/13/2016	1:28:00 PM	CAM-26	EBJ	TV	SCB	1,019	114,604
P00279244-1	3/13/2016	1:28:00 PM	VAS-13	EBL	TV	OCO	271	145,781
P00276898-1	3/13/2016	1:28:09 PM	SOO-25	EBI	TV	OFU	31	39,705
P00276913-1	3/13/2016	1:28:36 PM	SOO-25	EBI	TV	SCB	1,061	148,275
P00277479-1	3/13/2016	1:29:00 PM	LYO-15	EBJ	TV	OCO	223	201,369
P00280970-1	3/13/2016	1:30:00 PM	LOL-21	ECD	TV	OCO	335	195,690
P00277587-1	3/13/2016	1:30:02 PM	EDG-12	ECA	TV	OFU	44	34,547
P00276920-1	3/13/2016	1:30:24 PM	MTH-17	EBJ	TV	OFU	5	3,785
P00276922-1	3/13/2016	1:30:42 PM	HOL-12	ECA	TV	OFU	51	26,112
P00277072-1	3/13/2016	1:31:00 PM	LON-26	ECC	TV	OTR	834	153,971
P00276931-1	3/13/2016	1:31:00 PM	RAI-13	ECC	TV	OCO	1,020	326,431
P00276762-1	3/13/2016	1:31:50 PM	SWI-16	ECC	TV	OCO	60	24,188
P00277026-1	3/13/2016	1:32:00 PM	PRI-13	ECC	TV	OCO	48	24,450
P00276990-1	3/13/2016	1:32:29 PM	HOB-15	EBI	TV	OHR	214	49,034
P00276958-1	3/13/2016	1:33:22 PM	LAT-17	EBJ	TV	OFU	53	34,401
P00276987-1	3/13/2016	1:33:49 PM	BUC-16	ECA	TV	OCO	445	17,970
P00277097-1	3/13/2016	1:34:00 PM	SME-15	EBE	TV	OCO	106	172,875
P00276995-1	3/13/2016	1:35:00 PM	SBE-25	EBE	TV	OCO	20	27,631
P00277265-1	3/13/2016	1:36:00 PM	JUA-25	EBD	TV	OCR	5,575	1,280,134

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00277048-1	3/13/2016	1:38:24 PM	MHT-15	EBJ	TV	OHR	928	146,129
P00277042-1	3/13/2016	1:39:00 PM	MED-35	EBE	TV	OCO	16	15,053
P00277056-1	3/13/2016	1:39:12 PM	VAS-23	EBL	TV	OCO	1,786	513,473
P00281149-1	3/13/2016	1:39:17 PM	VAS-12	EBL	TV	OCO	538	228,946
P00279294-1	3/13/2016	1:40:00 PM	SIN-23	ECD	TV	OCO	622	734,807
P00277064-1	3/13/2016	1:41:07 PM	VAS-12	EBL	TV	OCO	41	39,603
P00277111-1	3/13/2016	1:41:35 PM	MED-37	EBE	TV	OPO	148	120,275
P00277070-1	3/13/2016	1:41:42 PM	SWA-13	EAD	EF	OTF	4	188
P00278172-1	3/13/2016	1:42:00 PM	WIN-15	ECE	TV	OCO	764	1,158,810
P00282193-1	3/13/2016	1:42:35 PM	WIN-13	ECE	TV	OCO	58	41,136
P00277081-1	3/13/2016	1:42:42 PM	VAS-22	EBL	TV	OCO	122	62,047
P00277087-1	3/13/2016	1:42:46 PM	KIN-21	ECE	TV	OCO	239	23,502
P00277089-1	3/13/2016	1:43:41 PM	WIN-13	ECE	TV	OCO	414	149,620
P00277116-1	3/13/2016	1:44:00 PM	FRA-12	ECD	TV	OCO	11	19,813
P00277099-1	3/13/2016	1:44:19 PM	BRI-17	EAA	TV	OHR	660	52,382
P00277164-1	3/13/2016	1:44:23 PM	SEQ-22	EBJ	TV	OFU	66	47,777
P00277123-1	3/13/2016	1:46:00 PM	KIN-24	ECE	TV	OCO	103	28,486
P00277124-1	3/13/2016	1:46:46 PM	VAS-13	EBL	TV	OCO	6	5,576
P00277135-1	3/13/2016	1:46:48 PM	LWS-16	EBJ	TV	SCB	728	72,303
P00280561-1	3/13/2016	1:47:00 PM	TLN-0063	ECE	TV	OCO	-	1,522,505
P00283466-1	3/13/2016	1:47:05 PM	MIL-23	ECE	TV	OTF	3	5,272
P00277150-1	3/13/2016	1:47:20 PM	LMC-23	EBE	TV	OCO	131	85,087
P00281895-1	3/13/2016	1:47:39 PM	PLG-13	ECC	EF	OFC	2	1,446
P00280592-1	3/13/2016	1:49:00 PM	TLN-0063	ECE	TV	OCO	-	(1)
P00277145-1	3/13/2016	1:50:10 PM	SME-13	EBE	TV	OTF	2	2,659
P00279179-1	3/13/2016	1:50:33 PM	FNW-15	ECD	TV	OSV	1	943
P00281263-1	3/13/2016	1:50:39 PM	AVO-13	EBD	TV	OCO	2,439	713,344
P00279045-1	3/13/2016	1:50:39 PM	TLN-0073	EBD	TV	OCO	1,955	1,836,944
P00281269-1	3/13/2016	1:50:39 PM	AVO-15	EBD	TV	OCO	2,926	1,100,908

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00279740-1	3/13/2016	1:51:00 PM	COT-16	EBD	TV	OCO	583	666,235
P00282272-3	3/13/2016	1:51:05 PM	KNM-27	EBD	TV	OCO	58	66,969
P00278947-1	3/13/2016	1:51:05 PM	TLN-0246	EBD	TV	OCO	-	5,561
P00282272-1	3/13/2016	1:51:05 PM	KNM-27	EBD	TV	OCO	58	66,969
P00279110-1	3/13/2016	1:51:20 PM	TLN-0120	EBD	TV	OCO	-	151,600
P00281787-1	3/13/2016	1:51:20 PM	ING-13	EBD	TV	OCO	2,301	1,640,689
P00281787-4	3/13/2016	1:51:20 PM	ING-13	EBD	TV	OCO	2,301	1,640,689
P00281465-1	3/13/2016	1:51:27 PM	KNM-23	EBD	TV	OCO	2,106	1,925,944
P00277163-1	3/13/2016	1:51:37 PM	PET-13	EAC	TV	OTF	3	643
P00281422-1	3/13/2016	1:51:38 PM	KNM-26	EBD	TV	OCO	1,722	2,225,771
P00277168-1	3/13/2016	1:51:39 PM	JUA-14	EBD	TV	OCO	102	169,612
P00281579-1	3/13/2016	1:53:00 PM	SKE-23	ECE	TV	OCO	7	15,664
P00277185-1	3/13/2016	1:53:00 PM	MWD-13	EBE	TV	OSV	1	3,085
P00279063-1	3/13/2016	1:53:08 PM	NBO-26	EBD	TV	OCO	970	1,457,538
P00281452-1	3/13/2016	1:53:12 PM	KNM-25	EBD	TV	OCO	1,814	1,404,883
P00278116-1	3/13/2016	1:53:31 PM	MHT-13	EBJ	TV	OHR	722	180,777
P00280644-1	3/13/2016	1:54:00 PM	TLN-0075	ECD	TV	OCO	2,974	2,160,760
P00278852-1	3/13/2016	1:54:30 PM	TLN-0085	EBD	TV	OCO	-	411,103
P00281578-1	3/13/2016	1:54:30 PM	NHL-13	EBD	TV	OCO	2,411	1,747,493
P00280911-1	3/13/2016	1:55:00 PM	VAS-12	EBL	TV	OCO	173	120,452
P00281110-1	3/13/2016	1:55:00 PM	TLN-0122	EBE	TV	OCO	-	84,337
P00280715-1	3/13/2016	1:55:27 PM	VAS-12	EBL	TV	OCO	7	48,946
P00277206-1	3/13/2016	1:55:31 PM	MVW-15	EBJ	TV	OSV	3	2,777
P00279059-1	3/13/2016	1:55:52 PM	TLN-0174	EBD	TV	OCO	-	1,195,164
P00280655-1	3/13/2016	1:56:00 PM	TLN-0052	ECE	TV	OCO	1,211	(1)
P00277406-1	3/13/2016	1:57:00 PM	LON-17	ECC	TV	OCO	65	60,303
P00281246-1	3/13/2016	1:57:35 PM	SOM-17	EBE	TV	OCO	4,346	1,776,216
P00277235-1	3/13/2016	1:57:40 PM	SHE-15	ECE	TV	OCO	79	7,807
P00277224-1	3/13/2016	1:57:53 PM	AIR-23	ECC	TV	OFU	30	6,055

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00277246-1	3/13/2016	1:57:59 PM	EGT-27	EBE	TV	OCO	42	2,680
P00277300-1	3/13/2016	1:58:00 PM	LLT-16	EBD	TV	OCO	1,221	812,738
P00281241-1	3/13/2016	1:58:11 PM	SOM-16	EBE	TV	OCO	1,336	558,916
P00277231-1	3/13/2016	1:58:21 PM	HOB-16	EBI	TV	OCO	12	6,506
P00277337-3	3/13/2016	1:59:00 PM	MAN-13	ECD	TV	OCO	77	114,044
P00277337-1	3/13/2016	1:59:00 PM	MAN-13	ECD	TV	OCO	77	114,021
P00277277-1	3/13/2016	1:59:04 PM	LLT-15	EBD	TV	OCO	988	1,099,274
P00277260-1	3/13/2016	1:59:50 PM	PHA-17	EBE	TV	OCO	36	46,702
P00278188-1	3/13/2016	2:00:00 PM	TLN-0054	EBE	TV	OCO	-	262,496
P00281499-1	3/13/2016	2:00:13 PM	HWD-25	EBD	TV	OPO	1,075	1,464,187
P00278780-1	3/13/2016	2:00:13 PM	TLN-0085	EBD	TV	OCO	-	133,826
P00281499-3	3/13/2016	2:00:13 PM	HWD-25	EBD	TV	OPO	1,075	1,464,313
P00277304-1	3/13/2016	2:00:54 PM	CLY-23	EBE	TV	OCO	44	38,748
P00280864-1	3/13/2016	2:02:06 PM	PMA-01	ECE	TV	OCO	3,141	585,314
P00277463-1	3/13/2016	2:02:16 PM	VIT-16	EBD	TV	OCO	103	160,282
P00277456-1	3/13/2016	2:03:00 PM	CHR-23	ECE	TV	OCO	20	48,033
P00277350-1	3/13/2016	2:03:30 PM	MVW-13	EBJ	TV	OFU	54	95,784
P00278168-1	3/13/2016	2:03:41 PM	LOL-23	ECD	UN	OCO	1,484	560,655
P00277367-1	3/13/2016	2:04:28 PM	FRA-12	ECD	TV	OSV	1	1,495
P00277374-1	3/13/2016	2:04:44 PM	BAS-13	EBJ	TV	OTR	6	9,470
P00281472-1	3/13/2016	2:05:42 PM	FRA-15	ECD	TV	OCO	868	910,387
P00277426-1	3/13/2016	2:07:00 PM	HOL-13	ECA	OD	OCO	4,304	1,107,661
P00277428-1	3/13/2016	2:07:00 PM	HWD-23	EBD	TV	OCO	362	221,034
P00280508-1	3/13/2016	2:08:16 PM	MAN-16	ECD	TV	OCO	851	460,258
P00278201-1	3/13/2016	2:09:00 PM	TLN-0151	EAD	TV	SBF	4,919	132,237
P00277430-1	3/13/2016	2:09:22 PM	MST-25	EBJ	TV	OSV	5	2,954
P00277431-1	3/13/2016	2:09:33 PM	NLM-13	EAC	TV	OFU	18	7,669
P00281961-1	3/13/2016	2:09:52 PM	MWD-15	EBE	TV	OCO	5	7,289
P00277473-1	3/13/2016	2:09:57 PM	MVW-13	EBJ	TV	OFU	59	19,266

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00282007-1	3/13/2016	2:09:59 PM	PHA-17	EBE	TV	OCO	121	155,598
P00280517-1	3/13/2016	2:10:00 PM	MAN-15	ECD	TV	OCO	2,616	1,175,562
P00277468-1	3/13/2016	2:10:00 PM	MUR-13	ECE	TV	OCO	85	122,958
P00280682-1	3/13/2016	2:11:00 PM	RPT-15	ECD	TV	OCO	61	20,839
P00282106-1	3/13/2016	2:11:30 PM	VAS-12	EBL	TV	OCO	8	9,034
P00283052-1	3/13/2016	2:11:39 PM	RPT-15	ECD	TV	OCN	481	716,104
P00277528-1	3/13/2016	2:12:15 PM	DUV-15	EBD	TV	OFU	28	40,512
P00277491-1	3/13/2016	2:13:00 PM	UHL-25	EBD	TV	OCO	449	223,638
P00282470-1	3/13/2016	2:13:00 PM	FRA-12	ECD	TV	OCO	9	16,521
P00277480-1	3/13/2016	2:14:23 PM	PHA-13	EBE	TV	OTF	2	2,642
P00277492-1	3/13/2016	2:15:00 PM	MIL-17	ECE	TV	OCO	4	10,364
P00278129-1	3/13/2016	2:16:00 PM	TLN-0184	EAD	TV	SBF	1,377	455,651
P00277503-1	3/13/2016	2:16:00 PM	LGY-13	EAD	TV	OCO	-	11,221
P00277498-1	3/13/2016	2:16:52 PM	MIL-17	ECE	TV	OTF	8	11,878
P00280678-1	3/13/2016	2:17:00 PM	MIL-17	ECE	TV	OCO	32	53,994
P00277547-1	3/13/2016	2:17:00 PM	LOL-21	ECD	TV	OCO	1,662	798,615
P00277520-1	3/13/2016	2:17:42 PM	SOM-17	EBE	TV	OCO	1	298
P00277576-1	3/13/2016	2:18:00 PM	MWD-13	EBE	TV	OPO	217	250,747
P00281236-1	3/13/2016	2:18:01 PM	SOM-15	EBE	TV	OCO	1,795	734,814
P00277538-1	3/13/2016	2:18:26 PM	MER-12	EBE	TV	OCO	32	39,498
P00281229-1	3/13/2016	2:18:29 PM	SOM-13	EBE	TV	OCO	1,173	477,294
P00280886-1	3/13/2016	2:19:35 PM	RAI-12	ECC	TV	OCO	190	59,448
P00277596-1	3/13/2016	2:20:26 PM	CLE-11	EBH	EF	OTF	3	796
P00277641-1	3/13/2016	2:20:33 PM	STA-26	EBJ	TV	SCB	1,410	168,542
P00282110-1	3/13/2016	2:23:00 PM	HKX-13	EAC	TV	OPO	13	23,810
P00277652-1	3/13/2016	2:23:00 PM	GRV-16	ECA	TV	OCO	4	4,357
P00277667-1	3/13/2016	2:24:00 PM	KIN-22	ECE	TV	OCO	16	45,126
P00281600-1	3/13/2016	2:24:28 PM	NHL-17	EBD	TV	OCO	663	490,322
P00277669-1	3/13/2016	2:25:00 PM	EDG-13	ECA	TV	OCO	21	28,541

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281285-1	3/13/2016	2:25:26 PM	WAY-16	EBD	TV	OCO	2,038	1,842,424
P00281279-3	3/13/2016	2:25:48 PM	AVO-17	EBD	TV	OCO	268	137,435
P00281279-1	3/13/2016	2:25:48 PM	AVO-17	EBD	TV	OCO	268	137,435
P00277673-1	3/13/2016	2:25:59 PM	LAT-16	EBJ	TV	OSV	1	672
P00277684-1	3/13/2016	2:26:00 PM	PRI-23	ECC	TV	OTR	64	36,567
P00277678-1	3/13/2016	2:26:15 PM	SEQ-13	EBJ	TV	OTF	2	1,438
P00282265-1	3/13/2016	2:26:48 PM	KNM-27	EBD	TV	OCO	19	25,501
P00282265-3	3/13/2016	2:26:48 PM	KNM-27	EBD	TV	OCO	19	25,501
P00278321-1	3/13/2016	2:26:53 PM	ORT-22	ECA	OD	OCO	1,778	565,996
P00280719-1	3/13/2016	2:28:00 PM	BRO-15	EAD	TV	SCB	1,709	443,058
P00282095-1	3/13/2016	2:28:07 PM	MIL-23	ECE	TV	OTF	230	30,940
P00277701-1	3/13/2016	2:28:31 PM	FWD-17	EBJ	UN	OIN	57	25,023
P00281282-1	3/13/2016	2:28:36 PM	WAY-15	EBD	TV	OCO	721	979,240
P00277804-1	3/13/2016	2:28:38 PM	LOL-25	ECD	TV	OCO	485	342,248
P00277720-1	3/13/2016	2:28:41 PM	SWD-14	ECE	TV	OCO	1,447	182,611
P00277714-1	3/13/2016	2:29:00 PM	CRE-15	EAD	TV	OCO	36	20,018
P00277722-1	3/13/2016	2:29:55 PM	SWE-27	EBJ	UN	OCO	246	85,083
P00277758-1	3/13/2016	2:31:02 PM	MAP-13	EBE	TV	OCO	990	611,094
P00277754-1	3/13/2016	2:31:11 PM	EVA-27	EBJ	TV	OFU	171	66,254
P00277746-1	3/13/2016	2:31:29 PM	VAS-13	EBL	TV	OCO	7	5,911
P00277748-1	3/13/2016	2:31:48 PM	DGR-13	ECA	TV	OSV	1	1,273
P00277761-1	3/13/2016	2:32:57 PM	YEL-23	ECC	TV	OSV	4	2,972
P00277766-1	3/13/2016	2:33:00 PM	MER-15	EBE	TV	OCO	11	8,233
P00277796-1	3/13/2016	2:33:52 PM	GAR-16	ECA	TV	OCO	2,113	73,708
P00277783-1	3/13/2016	2:34:15 PM	HEM-16	ECA	OD	OCO	1,377	159,158
P00277790-1	3/13/2016	2:35:02 PM	WOO-26	ECA	OD	OTF	4	2,316
P00277622-1	3/13/2016	2:35:17 PM	FRA-15	ECD	TV	OCO	564	560,626
P00277835-1	3/13/2016	2:37:05 PM	SBE-23	EBE	TV	UTC	251	84,000
P00278030-1	3/13/2016	2:39:00 PM	EGT-15	EBE	TV	OCO	270	113,355

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00277923-1	3/13/2016	2:39:13 PM	POU-15	ECE	TV	OCO	523	696,087
P00277930-1	3/13/2016	2:39:47 PM	LYO-12	EBJ	TV	OFU	1	510
P00277932-1	3/13/2016	2:39:50 PM	WLS-15	EAC	TV	OTF	3	1,034
P00278006-1	3/13/2016	2:40:51 PM	PHA-16	EBE	TV	OCO	1,369	622,142
P00277978-1	3/13/2016	2:40:58 PM	KAP-15	ECA	OD	OTF	5	5,139
P00278040-1	3/13/2016	2:42:33 PM	KWH-22	EBE	TV	OCO	747	902,675
P00280992-1	3/13/2016	2:43:00 PM	MIL-22	ECE	TV	OCO	14	21,473
P00278021-1	3/13/2016	2:43:00 PM	DGR-13	ECA	TV	OCO	17	9,503
P00281619-1	3/13/2016	2:43:00 PM	LLT-13	EBD	TV	OCO	923	745,107
P00278028-1	3/13/2016	2:43:00 PM	MUR-13	ECE	TV	OCO	41	57,851
P00282687-1	3/13/2016	2:45:00 PM	SWD-12	ECE	TV	OCO	11	15,761
P00278062-1	3/13/2016	2:45:27 PM	ORT-23	ECA	UN	OFU	4	2,670
P00278069-1	3/13/2016	2:46:06 PM	POU-15	ECE	TV	OCO	92	114,641
P00278088-1	3/13/2016	2:47:00 PM	FRA-12	ECD	TV	OTF	12	28,856
P00278107-1	3/13/2016	2:48:00 PM	NOR-23	EBD	TV	OCO	125	68,384
P00278102-1	3/13/2016	2:48:25 PM	SWE-27	EBJ	TV	OCO	25	9,940
P00280725-1	3/13/2016	2:48:32 PM	BRO-16	EAD	TV	SCB	1,006	243,083
P00278112-1	3/13/2016	2:49:11 PM	NNO-15	EBJ	TV	OFU	53	6,555
P00279130-1	3/13/2016	2:50:00 PM	FRA-13	ECD	TV	OCO	94	159,464
P00278301-1	3/13/2016	2:50:00 PM	OSC-23	EBI	TV	OCO	91	38,364
P00279127-1	3/13/2016	2:50:34 PM	FNW-16	ECD	TV	OCO	2,258	1,836,937
P00278133-1	3/13/2016	2:51:49 PM	SBE-22	EBE	TV	OCO	1	1,688
P00281507-1	3/13/2016	2:52:46 PM	HWD-26	EBD	TV	OCO	1,596	1,793,226
P00278149-1	3/13/2016	2:53:00 PM	MCW-15	ECE	TV	OCO	23	59,328
P00280108-1	3/13/2016	2:53:04 PM	PMA-16	ECE	TV	OCO	-	161,388
P00278153-1	3/13/2016	2:53:19 PM	PIP-23	EBI	TV	SCB	949	181,574
P00280709-1	3/13/2016	2:53:20 PM	KIN-21	ECE	TV	OCO	14	20,549
P00281642-1	3/13/2016	2:53:53 PM	NRU-27	EBE	TV	OCO	24	35,746
P00278164-1	3/13/2016	2:54:30 PM	POU-16	ECE	TV	OCO	20	16,890

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00278161-1	3/13/2016	2:55:00 PM	SUM-21	EAC	TV	OCO	42	26,031
P00278162-1	3/13/2016	2:55:00 PM	ROS-15	EBD	TV	OCO	3	3,301
P00278176-1	3/13/2016	2:56:00 PM	EPO-16	ECD	TV	OCO	20	29,664
P00278169-1	3/13/2016	2:56:09 PM	PHA-13	EBE	TV	OCO	145	78,235
P00282279-1	3/13/2016	2:58:27 PM	ING-17	EBD	TV	OPO	185	302,205
P00282204-1	3/13/2016	2:59:00 PM	SHE-26	ECE	TV	OCO	52	92,316
P00278244-1	3/13/2016	2:59:00 PM	GBK-13	EAD	TV	OCO	666	419,924
P00280499-1	3/13/2016	2:59:12 PM	MAN-12	ECD	TV	OCO	992	1,360,097
P00278276-1	3/13/2016	3:01:39 PM	PIP-26	EBI	TV	SCB	568	77,479
P00278260-1	3/13/2016	3:02:00 PM	MCW-15	ECE	TV	OCO	29	79,226
P00283252-1	3/13/2016	3:02:21 PM	SME-15	EBE	TV	OCO	1	1,439
P00280569-1	3/13/2016	3:02:36 PM	FLD-12	EAD	TV	SCB	3,131	168,305
P00278288-1	3/13/2016	3:03:19 PM	LHL-22	EBE	TV	OCO	6	8,462
P00278738-1	3/13/2016	3:04:00 PM	TLN-0019	EBD	TV	OCO	-	2,673
P00279943-1	3/13/2016	3:05:00 PM	TLN-0085	EBD	TV	OCO	-	1,970
P00281485-1	3/13/2016	3:05:32 PM	HWD-22	EBD	TV	OCO	4,845	1,889,175
P00281589-1	3/13/2016	3:05:47 PM	NHL-16	EBD	TV	OCO	2,077	1,375,182
P00281583-1	3/13/2016	3:05:50 PM	NHL-15	EBD	TV	OCO	3,405	1,879,986
P00281278-1	3/13/2016	3:05:57 PM	WAY-13	EBD	TV	OCO	833	1,123,759
P00281792-1	3/13/2016	3:05:59 PM	ING-16	EBD	TV	OCO	1,668	1,238,268
P00278426-1	3/13/2016	3:06:00 PM	PMA-15	ECE	TV	OCO	1,161	59,888
P00281794-1	3/13/2016	3:06:34 PM	ING-17	EBD	TV	OCO	175	143,678
P00278584-1	3/13/2016	3:06:42 PM	TAN-13	ECC	TV	OCO	24	7,627
P00281276-1	3/13/2016	3:06:58 PM	WAY-12	EBD	TV	OCO	599	732,733
P00278920-1	3/13/2016	3:07:00 PM	CPV-15	EAD	TV	OPO	76	92,319
P00278722-1	3/13/2016	3:07:00 PM	NBE-12	EBF	TV	OCO	128	66,656
P00281281-1	3/13/2016	3:07:11 PM	AVO-16	EBD	TV	OCO	535	185,948
P00278653-1	3/13/2016	3:07:17 PM	WOO-26	ECA	TV	OCO	12	8,981
P00281615-1	3/13/2016	3:07:21 PM	LLT-17	EBD	TV	OCO	798	670,785

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00278564-1	3/13/2016	3:08:00 PM	SIL-17	ECE	TV	OCO	553	505,179
P00281587-1	3/13/2016	3:09:00 PM	TOL-15	EBD	TV	OCO	12	13,017
P00278770-1	3/13/2016	3:09:00 PM	CRE-15	EAD	TV	OCO	18	17,766
P00278760-1	3/13/2016	3:09:11 PM	SAH-17	EBD	TV	OCO	5	3,417
P00279370-1	3/13/2016	3:10:34 PM	BHL-01	ECE	TV	OCO	4,224	3,317,818
P00278792-1	3/13/2016	3:10:35 PM	SUN-14	ECA	OD	OCO	-	97,940
P00276553-2	3/13/2016	3:13:36 PM	PIP-23	EBI	CP	OFU	4	1,617
P00278793-1	3/13/2016	3:13:46 PM	NBO-22	EBD	TV	OCO	1,805	2,157,395
P00278833-1	3/13/2016	3:14:30 PM	POU-15	ECE	TV	OCO	20	11,578
P00280728-1	3/13/2016	3:15:00 PM	SIL-15	ECE	TV	OCO	782	1,009,091
P00282870-1	3/13/2016	3:15:43 PM	NBO-22	EBD	TV	OFC	107	143,032
P00278957-1	3/13/2016	3:17:00 PM	HKX-16	EAC	TV	OCO	81	44,298
P00278885-1	3/13/2016	3:18:00 PM	EDG-16	ECA	TV	OCO	28	16,221
P00278890-1	3/13/2016	3:18:00 PM	TAN-13	ECC	TV	OSV	23	7,041
P00279976-1	3/13/2016	3:18:27 PM	SWA-12	EAD	TV	OFU	88	117,426
P00278905-1	3/13/2016	3:18:31 PM	RPT-17	ECD	TV	OCO	5,470	1,226,237
P00279958-1	3/13/2016	3:19:17 PM	MER-13	EBE	TV	OCO	24	34,066
P00278921-1	3/13/2016	3:21:00 PM	BTR-22	EBE	TV	OCO	119	46,207
P00283543-1	3/13/2016	3:21:23 PM	CWD-24	EBD	TV	OTF	5	9,415
P00279164-1	3/13/2016	3:24:00 PM	KIN-24	ECE	TV	OCO	694	976,043
P00278918-1	3/13/2016	3:26:27 PM	CWD-24	EBD	TV	OTF	5	9,363
P00279036-1	3/13/2016	3:28:00 PM	HAZ-13	EBE	TV	OCO	1,202	760,796
P00279036-3	3/13/2016	3:28:00 PM	HAZ-13	EBE	TV	OCO	1,202	761,438
P00279037-1	3/13/2016	3:30:22 PM	GBK-13	EAD	TV	OFU	9	14,436
P00279042-1	3/13/2016	3:30:56 PM	GBK-13	EAD	TV	OFU	10	16,145
P00279057-1	3/13/2016	3:32:00 PM	GRV-12	ECA	TV	OSV	1	1,157
P00279873-1	3/13/2016	3:34:52 PM	BTN-38	EAC	TV	OFU	192	74,483
P00279074-1	3/13/2016	3:36:00 PM	KWH-23	EBE	TV	OCO	2	2,051
P00280650-1	3/13/2016	3:37:00 PM	SWA-16	EAD	TV	OCO	53	40,545

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00279079-1	3/13/2016	3:37:15 PM	KIN-24	ECE	TV	OCO	1	1,395
P00279104-1	3/13/2016	3:37:20 PM	PIP-23	EBI	TV	OHR	-	386
P00279090-1	3/13/2016	3:38:00 PM	GBK-13	EAD	TV	OCO	27	18,340
P00279155-1	3/13/2016	3:39:50 PM	BTN-38	EAC	OD	OFU	16	6,115
P00279105-1	3/13/2016	3:41:00 PM	EGT-12	EBE	TV	OFU	6	10,904
P00279121-1	3/13/2016	3:41:23 PM	FRA-16	ECD	TV	OCO	1,349	214,266
P00280764-1	3/13/2016	3:41:52 PM	WIN-12	ECE	TV	OCO	159	152,279
P00278966-1	3/13/2016	3:45:05 PM	PIP-23	EBI	TV	OCO	67	34,380
P00280041-1	3/13/2016	3:48:00 PM	SLA-16	EAA	TV	SCB	1,874	108,505
P00279445-1	3/13/2016	3:48:31 PM	FCR-12	EBI	TV	OCO	171	71,515
P00279192-1	3/13/2016	3:48:59 PM	FNW-13	ECD	TV	OCO	1,018	706,034
P00279266-1	3/13/2016	3:49:00 PM	RPT-22	ECD	TV	OCO	62	154,649
P00279180-1	3/13/2016	3:50:00 PM	LAT-14	EBJ	TV	OCO	2	1,934
P00280909-1	3/13/2016	3:51:06 PM	HAW-12	ECC	TV	OCO	1,698	305,187
P00279210-1	3/13/2016	3:51:34 PM	HKX-16	EAC	TV	OCO	174	49,497
P00280503-1	3/13/2016	3:52:18 PM	WLS-13	EAC	TV	SCB	291	119,499
P00281033-1	3/13/2016	3:52:35 PM	TOL-17	EBD	TV	OCO	10	6,898
P00280687-1	3/13/2016	3:53:10 PM	PET-15	EAC	TV	OHR	1,546	141,189
P00279288-1	3/13/2016	3:54:29 PM	MIR-16	EBF	TV	OCO	84	136,822
P00279236-1	3/13/2016	3:55:02 PM	HOB-17	EBI	TV	OFU	67	16,055
P00279249-1	3/13/2016	3:56:00 PM	GRV-12	ECA	TV	OCO	24	31,324
P00280695-1	3/13/2016	3:56:43 PM	PET-15	EAC	TV	OSV	1	150
P00279273-1	3/13/2016	3:56:55 PM	CHR-22	ECE	TV	OCO	305	321,399
P00283150-1	3/13/2016	3:58:00 PM	SWD-13	ECE	TV	OCO	32	54,132
P00279303-1	3/13/2016	3:58:00 PM	HKX-16	EAC	TV	OSV	36	24,033
P00280618-1	3/13/2016	3:58:03 PM	POU-15	ECE	TV	OCO	203	68,211
P00280531-1	3/13/2016	3:58:15 PM	WLS-15	EAC	TV	SCB	1,547	366,020
P00282291-1	3/13/2016	3:58:33 PM	CHR-22	ECE	TV	OCO	24	26,469
P00279360-1	3/13/2016	3:59:00 PM	SKE-22	ECE	TV	OCO	727	1,069,378

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00279285-1	3/13/2016	3:59:00 PM	SEM-15	EAA	TV	OCO	171	160,560
P00279435-1	3/13/2016	3:59:36 PM	SKE-26	ECE	TV	OCO	1,097	704,808
P00279405-1	3/13/2016	4:00:00 PM	TLN-0045	EBE	TV	OCO	-	3,811
P00279321-1	3/13/2016	4:00:00 PM	ROC-16	ECC	TV	OCO	2	1,586
P00281575-1	3/13/2016	4:00:54 PM	LMC-23	EBE	TV	OCO	826	213,934
P00280691-1	3/13/2016	4:01:16 PM	PET-15	EAC	TV	PMF	37	3,155
P00281565-1	3/13/2016	4:01:33 PM	LMC-27	EBE	TV	OCO	950	267,314
P00280035-1	3/13/2016	4:02:00 PM	MIL-17	ECE	TV	OCO	17	27,030
P00281573-1	3/13/2016	4:02:07 PM	LMC-25	EBE	TV	OCO	744	264,566
P00279526-1	3/13/2016	4:03:00 PM	BRE-11	ECD	TV	OCO	40	55,142
P00279561-1	3/13/2016	4:03:00 PM	LAB-26	EAA	TV	OCO	48	40,376
P00279786-1	3/13/2016	4:03:51 PM	CPV-15	EAD	TV	OFU	71	13,974
P00279601-1	3/13/2016	4:04:00 PM	MIL-22	ECE	TV	OTF	4	6,317
P00281572-1	3/13/2016	4:04:57 PM	LMC-26	EBE	TV	OCO	4	1,065
P00279604-1	3/13/2016	4:05:04 PM	HKX-16	EAC	TV	OCO	54	8,939
P00280518-1	3/13/2016	4:05:58 PM	WLS-16	EAC	TV	SCB	873	348,749
P00279652-1	3/13/2016	4:06:00 PM	FAC-13	EBE	TV	OCO	81	219,106
P00279648-1	3/13/2016	4:06:00 PM	BCH-12	EAA	TV	OCO	6	3,181
P00280688-1	3/13/2016	4:06:01 PM	PET-15	EAC	TV	PMF	43	3,397
P00279663-1	3/13/2016	4:06:44 PM	BCH-16	EAA	TV	OCO	30	39,659
P00279675-1	3/13/2016	4:07:00 PM	KIN-23	ECE	TV	OCO	6	14,932
P00282415-1	3/13/2016	4:07:10 PM	WIN-12	ECE	TV	OCO	25	41,550
P00279703-1	3/13/2016	4:08:09 PM	ALG-15	EAC	TV	UTC	3	254
P00279770-1	3/13/2016	4:08:55 PM	RAI-11	ECC	TV	OFU	51	7,283
P00281622-1	3/13/2016	4:10:46 PM	TLN-0015	EAD	TV	SBF	1,687	873,491
P00279953-1	3/13/2016	4:13:00 PM	KIN-24	ECE	TV	OCO	170	201,903
P00279821-1	3/13/2016	4:13:11 PM	EAR-17	EBJ	TV	OCO	13	4,932
P00279840-1	3/13/2016	4:13:40 PM	PAT-15	ECC	TV	OTF	1	340
P00279835-1	3/13/2016	4:13:41 PM	LGY-12	EAD	TV	SCB	2,449	280,903

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00280690-1	3/13/2016	4:15:12 PM	PET-15	EAC	TV	UTF	5	404
P00281664-1	3/13/2016	4:15:14 PM	SUM-21	EAC	TV	OFU	-	3,327
P00279887-1	3/13/2016	4:16:14 PM	MIL-17	ECE	TV	OTF	3	3,641
P00279889-1	3/13/2016	4:16:26 PM	SUM-21	EAC	TV	OCO	62	36,903
P00279933-1	3/13/2016	4:17:00 PM	SWD-12	ECE	TV	OCO	71	92,625
P00282186-1	3/13/2016	4:17:00 PM	MIL-16	ECE	TV	OCO	53	81,594
P00279920-1	3/13/2016	4:18:00 PM	GRI-13	ECC	EF	OSV	1	785
P00279945-1	3/13/2016	4:18:52 PM	VIS-22	EAA	TV	SCB	1,850	203,346
P00279949-1	3/13/2016	4:20:00 PM	SWD-13	ECE	TV	OCO	96	93,370
P00279996-1	3/13/2016	4:23:57 PM	UHL-23	EBD	TV	OCO	13	18,052
P00282826-1	3/13/2016	4:24:00 PM	MCW-14	ECE	TV	OCO	5	13,040
P00280090-1	3/13/2016	4:25:34 PM	SLA-15	EAA	TV	OFU	198	113,263
P00280045-1	3/13/2016	4:25:52 PM	ROL-13	EBJ	TV	SCB	1,754	269,239
P00281668-1	3/13/2016	4:26:52 PM	SUM-21	EAC	TV	OCO	30	13,441
P00280934-1	3/13/2016	4:27:17 PM	PET-15	EAC	TV	OHR	1,555	145,770
P00280048-1	3/13/2016	4:27:47 PM	PET-15	EAC	TV	OTF	3	167
P00281932-1	3/13/2016	4:28:08 PM	CRE-16	EAD	TV	OFU	174	87,151
P00280600-1	3/13/2016	4:28:36 PM	HAP-16	EAA	OD	OHR	177	129,098
P00280074-1	3/13/2016	4:30:00 PM	GAR-13	ECA	TV	OCO	1	919
P00280868-1	3/13/2016	4:31:00 PM	LYN-24	EAA	FI	OFU	33	22,414
P00280588-1	3/13/2016	4:32:00 PM	MIL-23	ECE	TV	OCO	227	376,824
P00280215-1	3/13/2016	4:32:00 PM	MIL-22	ECE	TV	OCO	67	104,751
P00280134-1	3/13/2016	4:32:01 PM	POU-15	ECE	TV	OTF	1	581
P00280119-1	3/13/2016	4:32:12 PM	WIN-13	ECE	TV	OCO	71	33,665
P00280133-1	3/13/2016	4:32:27 PM	POU-15	ECE	TV	OCO	38	19,744
P00280136-1	3/13/2016	4:32:29 PM	POU-16	ECE	TV	OTF	2	1,469
P00280257-1	3/13/2016	4:32:56 PM	POU-13	ECE	TV	OTF	3	1,663
P00280176-1	3/13/2016	4:32:57 PM	KIN-21	ECE	TV	OTF	4	9,958
P00280261-1	3/13/2016	4:33:05 PM	POU-13	ECE	TV	OSV	1	193

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00280260-1	3/13/2016	4:33:08 PM	POU-13	ECE	TV	OCO	1	508
P00280262-1	3/13/2016	4:33:11 PM	POU-13	ECE	TV	OSV	1	193
P00280276-1	3/13/2016	4:33:11 PM	POU-15	ECE	TV	OTF	6	3,463
P00280270-1	3/13/2016	4:33:14 PM	POU-16	ECE	TV	OTF	3	2,189
P00280259-1	3/13/2016	4:33:16 PM	POU-13	ECE	TV	OSV	1	561
P00280275-1	3/13/2016	4:34:21 PM	POU-15	ECE	TV	OCO	3	1,457
P00280350-1	3/13/2016	4:34:30 PM	SWD-13	ECE	TV	OCO	3	2,145
P00280319-1	3/13/2016	4:34:55 PM	MUR-15	ECE	TV	OSV	1	448
P00280410-1	3/13/2016	4:36:24 PM	PET-16	EAC	TV	OFU	45	44,068
P00280424-1	3/13/2016	4:37:10 PM	MIL-17	ECE	TV	OSV	1	693
P00280448-1	3/13/2016	4:37:53 PM	SLA-17	EAA	TV	SCB	1,779	82,249
P00280434-1	3/13/2016	4:38:01 PM	POU-15	ECE	TV	OCO	13	6,489
P00280440-1	3/13/2016	4:38:34 PM	BCH-16	EAA	TV	OSV	1	1,320
P00280453-1	3/13/2016	4:39:00 PM	GBK-15	EAD	TV	OFU	-	9,651
P00280780-1	3/13/2016	4:39:21 PM	LGY-13	EAD	TV	OCO	84	12,890
P00280451-1	3/13/2016	4:39:43 PM	SKE-22	ECE	TV	OSV	1	958
P00280461-1	3/13/2016	4:40:28 PM	FLD-13	EAD	TV	OTF	1	52
P00280472-1	3/13/2016	4:41:08 PM	FLD-13	EAD	TV	OTF	1	65
P00280576-1	3/13/2016	4:42:12 PM	LUH-17	ECC	TV	OCO	612	150,012
P00280579-1	3/13/2016	4:42:25 PM	FLD-15	EAD	TV	SCB	1,769	18,633
P00280500-1	3/13/2016	4:43:07 PM	WLS-12	EAC	TV	SCB	42	7,198
P00280549-1	3/13/2016	4:45:00 PM	BRS-24	EAC	TV	OCO	9	8,915
P00281940-1	3/13/2016	4:45:55 PM	CRE-16	EAD	TV	OCO	10	6,340
P00282220-1	3/13/2016	4:46:00 PM	EPO-12	ECD	TV	OCO	160	190,787
P00282148-1	3/13/2016	4:46:43 PM	BHL-12	ECE	TV	OCO	1	3,846
P00280586-1	3/13/2016	4:47:00 PM	SAH-13	EBD	TV	OCO	1,644	916,805
P00280583-1	3/13/2016	4:47:14 PM	OVE-12	EBE	TV	OCO	1,568	152,631
P00282257-1	3/13/2016	4:47:27 PM	SIL-13	ECE	TV	OCO	1	2,537
P00280599-1	3/13/2016	4:50:00 PM	NLM-16	EAC	TV	OCO	279	126,995

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00280645-1	3/13/2016	4:51:00 PM	RPT-15	ECD	TV	OCO	64	101,866
P00280724-1	3/13/2016	4:52:00 PM	MAN-13	ECD	TV	OCO	193	294,126
P00280623-1	3/13/2016	4:52:37 PM	BCH-15	EAA	TV	OCN	1	1,611
P00281574-1	3/13/2016	4:53:00 PM	RPT-15	ECD	TV	OCO	91	113,060
P00280747-1	3/13/2016	4:56:00 PM	LYN-24	EAA	TV	OCO	212	73,617
P00280656-1	3/13/2016	4:56:24 PM	RIV-16	EAC	UN	UTC	32	563
P00280665-1	3/13/2016	4:57:22 PM	CWD-23	EBD	TV	OSV	1	1,769
P00282157-1	3/13/2016	4:59:22 PM	KIN-24	ECE	TV	OCO	8	12,884
P00281374-1	3/13/2016	5:00:31 PM	FLD-12	EAD	TV	OFU	160	174,662
P00280712-1	3/13/2016	5:01:14 PM	SIL-15	ECE	TV	OCO	-	3,506
P00280718-1	3/13/2016	5:01:47 PM	PRE-14	EBE	TV	OCO	2,541	71,445
P00280721-1	3/13/2016	5:02:00 PM	CUS-16	EAA	TV	OCO	17	23,422
P00280736-1	3/13/2016	5:04:00 PM	RIT-18	EAC	TV	OCO	38	4,541
P00280738-1	3/13/2016	5:04:25 PM	VWY-13	EAA	TV	OFU	29	9,292
P00280763-1	3/13/2016	5:06:51 PM	PMA-13	ECE	TV	OCO	-	54,404
P00280772-1	3/13/2016	5:09:36 PM	TOT-23	EBD	TV	UPT	1	2,959
P00280779-1	3/13/2016	5:10:00 PM	RIT-16	EAC	TV	OCO	1	1,197
P00280778-1	3/13/2016	5:10:00 PM	GRV-16	ECA	TV	OFU	5	5,769
P00280787-1	3/13/2016	5:10:53 PM	MCK-16	EAA	TV	OCN	1	1,618
P00280799-1	3/13/2016	5:11:00 PM	WOB-23	EAA	EF	OCO	912	465,804
P00280789-1	3/13/2016	5:11:02 PM	SPA-16	ECA	TV	OSV	2	1,619
P00280809-1	3/13/2016	5:13:00 PM	BIG-12	EAC	TV	OCO	22	24,970
P00280814-1	3/13/2016	5:13:34 PM	LUH-14	ECC	UN	OFU	47	20,852
P00280951-1	3/13/2016	5:13:37 PM	BIG-15	EAC	TV	OCO	272	155,384
P00280819-1	3/13/2016	5:13:57 PM	VIS-26	EAA	TV	OFU	45	15,963
P00280835-1	3/13/2016	5:16:03 PM	HAW-11	ECC	TV	OCO	273	21,864
P00280846-1	3/13/2016	5:17:23 PM	FLD-12	EAD	TV	OFU	4	93
P00281771-1	3/13/2016	5:17:34 PM	RPT-15	ECD	TV	OCO	7	8,315
P00280853-1	3/13/2016	5:17:47 PM	LGY-12	EAD	TV	OFU	529	450,876

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281002-1	3/13/2016	5:18:43 PM	BCH-16	EAA	TV	OCO	20	9,316
P00280869-1	3/13/2016	5:20:08 PM	RIT-17	EAC	TV	OFU	74	5,873
P00280885-1	3/13/2016	5:20:52 PM	CUS-13	EAA	TV	SCB	469	49,441
P00280887-1	3/13/2016	5:21:02 PM	SHE-15	ECE	TV	OCO	7,054	3,422,143
P00280874-1	3/13/2016	5:21:04 PM	BLA-13	EAA	TV	OFU	137	104,328
P00282251-1	3/13/2016	5:21:18 PM	WAY-15	EBD	TV	OCR	3	3,643
P00281929-1	3/13/2016	5:22:00 PM	MAN-13	ECD	TV	OCO	8	20,297
P00282235-1	3/13/2016	5:22:27 PM	FLD-12	EAD	TV	OCO	143	241,606
P00280896-1	3/13/2016	5:24:12 PM	BCH-16	EAA	TV	OSV	1	1,534
P00280897-1	3/13/2016	5:24:32 PM	LAB-26	EAA	TV	OCO	3	1,496
P00280898-1	3/13/2016	5:24:47 PM	SLA-15	EAA	TV	OFU	62	31,454
P00280901-1	3/13/2016	5:25:18 PM	FLD-12	EAD	TV	OTF	3	48
P00280904-1	3/13/2016	5:25:50 PM	HOB-16	EBI	TV	OSV	1	452
P00280932-1	3/13/2016	5:27:53 PM	BLA-13	EAA	TV	SCB	764	45,395
P00280917-1	3/13/2016	5:27:57 PM	BIG-16	EAC	TV	OSV	1	872
P00280927-1	3/13/2016	5:29:00 PM	LUH-14	ECC	TV	OCO	64	13,230
P00280953-1	3/13/2016	5:31:00 PM	CHI-15	ECD	TV	OCO	33	47,744
P00280948-1	3/13/2016	5:31:52 PM	POU-13	ECE	TV	OCO	4	584
P00280950-1	3/13/2016	5:32:00 PM	MAN-13	ECD	TV	OCO	1	1,559
P00280960-1	3/13/2016	5:32:28 PM	HAN-12	EAA	TV	OFC	698	26,047
P00280978-1	3/13/2016	5:33:50 PM	VWY-15	EAA	TV	OFU	83	29,944
P00280967-1	3/13/2016	5:34:00 PM	CUS-16	EAA	TV	OCO	54	54,858
P00280965-1	3/13/2016	5:34:00 PM	HAP-15	EAA	TV	OTR	2	3,607
P00281025-1	3/13/2016	5:34:00 PM	SLA-17	EAA	TV	OCO	130	73,177
P00280980-1	3/13/2016	5:36:00 PM	VAS-12	ECD	TV	OCN	31	53,906
P00280986-1	3/13/2016	5:38:39 PM	PET-13	EAC	TV	UTC	-	3,210
P00280996-1	3/13/2016	5:40:00 PM	NLM-16	EAC	TV	OCO	166	21,340
P00281001-1	3/13/2016	5:42:00 PM	HAN-13	EAA	EF	OPO	2	3,522
P00281096-1	3/13/2016	5:42:40 PM	LGY-16	EAD	TV	OHR	1,222	40,122

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281018-1	3/13/2016	5:44:00 PM	BIG-12	EAC	TV	OCO	12	14,488
P00281048-1	3/13/2016	5:44:29 PM	BHL-12	ECE	TV	OCO	253	188,129
P00281029-1	3/13/2016	5:44:41 PM	LGY-16	EAD	TV	OHR	478	22,888
P00281051-1	3/13/2016	5:46:00 PM	LGY-16	EAD	TV	OCO	3	3,744
P00281070-1	3/13/2016	5:47:00 PM	PMA-12	ECE	TV	OCO	-	24,457
P00281074-1	3/13/2016	5:49:00 PM	LAU-14	EAA	TV	OCO	7	10,136
P00281093-1	3/13/2016	5:51:05 PM	MCK-16	EAA	TV	SCB	966	116,741
P00281086-1	3/13/2016	5:51:22 PM	MVW-13	EBJ	TV	OFU	56	16,765
P00281087-1	3/13/2016	5:51:24 PM	VAS-12	EBL	TV	OCO	1	10
P00281113-1	3/13/2016	5:53:00 PM	RAI-13	ECC	TV	OCO	2	1,026
P00281103-1	3/13/2016	5:54:11 PM	SLA-16	EAA	TV	OFU	47	41,760
P00281105-1	3/13/2016	5:54:23 PM	FRA-12	ECD	TV	OTF	1	950
P00281112-1	3/13/2016	5:55:21 PM	SUM-21	EAC	TV	OCO	2	637
P00281121-1	3/13/2016	5:55:50 PM	SIL-16	ECE	LI	OCO	2,704	2,025,053
P00281120-1	3/13/2016	5:57:17 PM	FRA-13	ECD	TV	OFU	1	1,134
P00281129-1	3/13/2016	5:57:21 PM	BAK-26	EAA	TV	SCB	449	46,838
P00281127-1	3/13/2016	5:58:00 PM	LAB-26	EAA	EF	OCO	95	104,557
P00281134-1	3/13/2016	5:59:00 PM	BRE-24	ECD	UN	USC	1	2,683
P00281148-1	3/13/2016	6:00:46 PM	CEK-14	ECE	TV	OCO	5,268	2,244,063
P00281147-1	3/13/2016	6:01:53 PM	ELD-25	ECC	TV	OFU	1	237
P00281188-1	3/13/2016	6:05:00 PM	BIG-15	EAC	TV	OCO	93	94,314
P00281168-1	3/13/2016	6:05:10 PM	FLD-12	EAD	TV	OPI	15	6,687
P00281176-1	3/13/2016	6:06:08 PM	NLM-16	EAC	TV	OSV	2	1,351
P00281203-1	3/13/2016	6:10:27 PM	COT-13	EBD	TV	OCO	-	25,390
P00281202-1	3/13/2016	6:11:52 PM	MAN-13	ECD	TV	OCO	16	16,563
P00281208-1	3/13/2016	6:12:52 PM	LYN-26	EAA	TV	OTF	2	346
P00281218-1	3/13/2016	6:15:09 PM	HKX-16	EAC	TV	OCO	45	23,618
P00281370-1	3/13/2016	6:15:59 PM	COT-16	EBD	TV	OCO	571	245,235
P00281359-1	3/13/2016	6:16:40 PM	COT-15	EBD	UN	OCO	1,286	1,187,643

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281344-1	3/13/2016	6:16:55 PM	COT-13	EBD	TV	OCO	1,924	1,528,297
P00281380-1	3/13/2016	6:18:55 PM	COT-17	EBD	UN	OCO	891	865,622
P00281226-1	3/13/2016	6:19:00 PM	VAS-13	EBL	TV	OSV	1	1,642
P00281255-1	3/13/2016	6:20:00 PM	OVE-15	EBE	TV	OCO	661	18,288
P00281264-1	3/13/2016	6:20:00 PM	OVE-12	EBE	TV	OCO	585	21,674
P00281234-1	3/13/2016	6:20:58 PM	CHI-15	ECD	TV	OTF	5	12,560
P00281239-1	3/13/2016	6:21:00 PM	LUH-14	ECC	TV	OCO	17	5,782
P00281244-1	3/13/2016	6:23:01 PM	HOU-25	EBD	TV	OCO	1	1,680
P00281249-1	3/13/2016	6:23:46 PM	OVE-13	EBE	TV	OCO	322	8,555
P00281256-1	3/13/2016	6:25:19 PM	MAP-16	EBE	TV	OSV	3	4,591
P00281271-1	3/13/2016	6:27:38 PM	ALG-15	EAC	TV	UTC	3	1,201
P00281280-1	3/13/2016	6:29:28 PM	RPT-26	ECD	TV	OTF	3	2,101
P00281284-1	3/13/2016	6:30:08 PM	AVO-13	EBD	TV	OCO	1,774	302,822
P00281292-1	3/13/2016	6:32:00 PM	EPO-13	ECD	TV	OTF	2	1,968
P00281297-1	3/13/2016	6:34:19 PM	SUM-21	EAC	TV	OFU	8	1,208
P00281539-1	3/13/2016	6:36:00 PM	LGY-16	EAD	TV	OCO	77	73,343
P00281317-1	3/13/2016	6:37:00 PM	MSI-24	EBF	TV	OCO	11	9,344
P00281433-1	3/13/2016	6:43:07 PM	SHD-18	EBI	TV	OHS	1,194	95,819
P00281414-1	3/13/2016	6:46:00 PM	FLD-13	EAD	TV	OCO	9	7,579
P00282022-1	3/13/2016	6:46:47 PM	CRE-16	EAD	TV	OCO	147	64,276
P00281752-1	3/13/2016	6:47:05 PM	SHD-18	EBI	TV	OHR	369	21,476
P00281457-1	3/13/2016	6:49:00 PM	BAK-25	EAA	EF	OTR	1	1,492
P00281500-1	3/13/2016	6:50:00 PM	VWY-15	EAA	TV	OCO	600	129,654
P00281626-1	3/13/2016	6:51:18 PM	BRO-15	EAD	TV	OFU	141	20,793
P00281517-1	3/13/2016	6:52:27 PM	FRA-13	ECD	TV	OCO	228	11,426
P00282014-1	3/13/2016	6:53:00 PM	BRO-15	EAD	TV	OCO	458	311,801
P00281779-1	3/13/2016	6:54:00 PM	BLA-13	EAA	TV	OCO	2	2,767
P00281532-1	3/13/2016	6:55:00 PM	VWY-13	EAA	TV	OCO	14	9,794
P00281550-1	3/13/2016	6:56:18 PM	PMA-13	ECE	TV	OCO	101	36,160

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281963-1	3/13/2016	6:57:00 PM	PMA-13	ECE	TV	OCO	189	256,602
P00281577-1	3/13/2016	7:02:00 PM	BRO-16	EAD	TV	OCO	22	8,737
P00281592-1	3/13/2016	7:04:46 PM	VWY-12	EAA	TV	OFU	160	71,339
P00281593-1	3/13/2016	7:05:10 PM	SEQ-13	EBJ	TV	OTF	7	3,102
P00281612-1	3/13/2016	7:07:20 PM	EDG-15	ECA	EF	OTF	3	2,078
P00281623-1	3/13/2016	7:09:15 PM	BRO-15	EAD	TV	UTC	114	105,897
P00281631-1	3/13/2016	7:10:00 PM	FRA-13	ECD	TV	OCO	49	62,971
P00281813-1	3/13/2016	7:10:00 PM	PMA-15	ECE	TV	OCO	194	258,423
P00281635-1	3/13/2016	7:10:45 PM	CAR-15	EAA	EF	OTF	3	2,825
P00277503-3	3/13/2016	7:11:30 PM	LGY-13	EAD	TV	OCO	-	68,048
P00281645-1	3/13/2016	7:13:27 PM	LGY-16	EAD	TV	OFU	5	3,020
P00281661-1	3/13/2016	7:17:32 PM	HOU-27	EBD	EF	OCO	9	20,092
P00281662-1	3/13/2016	7:18:00 PM	EDG-15	ECA	TV	OSV	1	682
P00281998-1	3/13/2016	7:18:02 PM	CUS-13	EAD	EF	OJU	22	27,007
P00281669-1	3/13/2016	7:18:55 PM	RIT-16	EAC	EF	OCN	2	755
P00281670-1	3/13/2016	7:19:01 PM	FRA-13	ECD	TV	OCO	14	36,308
P00283479-1	3/13/2016	7:23:00 PM	MIR-16	EBF	TV	OCO	32	48,699
P00281930-1	3/13/2016	7:24:07 PM	CRE-16	EAD	TV	OFU	14	3,399
P00281701-1	3/13/2016	7:27:41 PM	BLA-13	EAA	TV	OCN	-	-
P00281710-1	3/13/2016	7:29:00 PM	BIG-12	EAC	EF	OCO	17	12,982
P00281705-1	3/13/2016	7:29:22 PM	BHS-13	EAA	TV	OSV	3	4,476
P00281737-1	3/13/2016	7:31:13 PM	BIG-15	EAC	TV	OCO	291	35,255
P00276838-2	3/13/2016	7:32:00 PM	DGR-15	ECA	TV	OCO	585	37,116
P00281720-1	3/13/2016	7:32:07 PM	LYN-26	EAA	TV	OFU	13	7,191
P00281734-1	3/13/2016	7:34:24 PM	WOB-23	EAA	TV	OFU	32	13,694
P00281739-1	3/13/2016	7:35:00 PM	MAN-13	ECD	TV	OCO	5	6,971
P00281744-1	3/13/2016	7:37:00 PM	BKB-12	EAC	TV	OPO	1	1,484
P00282146-1	3/13/2016	7:38:18 PM	PET-12	EAC	TV	OIN	33	33,037
P00282211-1	3/13/2016	7:39:00 PM	SIL-15	ECE	TV	OCO	292	234,052

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281753-1	3/13/2016	7:39:33 PM	ROS-15	EBD	TV	OTF	6	9,229
P00283216-1	3/13/2016	7:41:36 PM	CHI-15	ECD	TV	OCO	8	8,866
P00282490-1	3/13/2016	7:43:01 PM	VAS-23	EBL	TV	OCO	43	45,247
P00281770-1	3/13/2016	7:43:01 PM	VAS-23	EBL	TV	OSV	-	1,010
P00281783-1	3/13/2016	7:47:00 PM	FRA-13	ECD	TV	OCO	47	55,136
P00281785-1	3/13/2016	7:49:49 PM	FLD-12	EAD	TV	OJU	15	19,242
P00281790-1	3/13/2016	7:51:00 PM	FLD-12	EAD	TV	OCO	16	21,737
P00281791-1	3/13/2016	7:51:00 PM	FRA-16	ECD	TV	OCO	219	167,462
P00281793-1	3/13/2016	7:52:00 PM	VAS-13	EBL	TV	OCO	6	8,772
P00281795-1	3/13/2016	7:53:52 PM	LYN-17	EAA	TV	OTF	2	1,790
P00281803-1	3/13/2016	7:54:00 PM	PMA-15	ECE	TV	OCO	16	18,722
P00281812-1	3/13/2016	7:54:00 PM	PMA-15	ECE	TV	OCO	21	25,031
P00281802-1	3/13/2016	7:54:52 PM	LAU-12	EAA	EF	OTF	1	1,324
P00281856-1	3/13/2016	7:55:45 PM	PMA-16	ECE	TV	OCO	22	28,749
P00278962-2	3/13/2016	8:00:07 PM	ELD-23	ECC	TV	OCO	80	3,035
P00281826-1	3/13/2016	8:03:00 PM	PMA-16	ECE	TV	OCO	1	1,431
P00281230-1	3/13/2016	8:03:08 PM	DUV-15	EBD	TV	OCO	5	5,215
P00281832-1	3/13/2016	8:04:01 PM	SHD-18	EBI	TV	OHR	1,194	129,567
P00281849-1	3/13/2016	8:10:00 PM	LOL-21	ECD	TV	OCO	28	66,291
P00281862-1	3/13/2016	8:14:58 PM	RDO-16	EBJ	TV	UTC	1	616
P00281867-1	3/13/2016	8:18:36 PM	HKX-16	EAC	TV	OTF	2	36
P00281941-1	3/13/2016	8:23:45 PM	LOL-23	ECD	TV	OCO	28	29,076
P00281893-1	3/13/2016	8:26:00 PM	FCR-12	EBI	EF	OFC	9	2,382
P00281896-1	3/13/2016	8:27:00 PM	SLA-16	EAA	TV	OCO	2	2,857
P00281906-1	3/13/2016	8:29:26 PM	LMC-23	EBE	TV	OCO	121	30,901
P00281903-1	3/13/2016	8:30:38 PM	KLA-17	EBD	TV	OSV	4	7,095
P00281920-1	3/13/2016	8:38:00 PM	PMA-15	ECE	TV	OTF	15	12,005
P00281924-1	3/13/2016	8:42:10 PM	LAU-12	EAA	EF	OJU	3	3,159
P00281928-1	3/13/2016	8:42:55 PM	VAS-23	EBL	TV	OCO	1	2,183

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00281747-1	3/13/2016	8:56:25 PM	MIL-22	ECE	TV	OCO	4	3,749
P00281969-1	3/13/2016	9:06:31 PM	WLS-15	EAC	EF	OTF	3	2,874
P00281972-1	3/13/2016	9:08:53 PM	VAS-13	EBL	TV	OCO	4	506
P00281978-1	3/13/2016	9:11:21 PM	FNW-16	ECD	EF	OFU	1	1,233
P00281985-1	3/13/2016	9:14:00 PM	KIN-24	ECE	TV	OCO	5	11,211
P00281990-1	3/13/2016	9:18:38 PM	ALG-15	EAA	EF	OTF	3	2,454
P00281994-1	3/13/2016	9:20:29 PM	BHL-12	ECE	TV	OCO	4	5,528
P00281999-1	3/13/2016	9:25:05 PM	LGY-16	EAD	TV	OFU	9	4,248
P00282175-1	3/13/2016	9:30:06 PM	MUR-13	ECE	TV	OCO	40	43,464
P00282017-1	3/13/2016	9:36:24 PM	RAI-13	ECC	TV	OTF	2	154
P00282023-1	3/13/2016	9:38:06 PM	VAS-23	EBL	TV	OTF	1	1
P00282030-1	3/13/2016	9:41:25 PM	JUA-14	EBD	TV	OSV	4	5,294
P00282039-1	3/13/2016	9:44:00 PM	MAN-15	ECD	TV	OCO	45	60,673
P00282234-1	3/13/2016	9:53:04 PM	SIN-25	ECD	TV	OCO	6	4,843
P00282056-1	3/13/2016	10:07:08 PM	CRE-16	EAD	TV	UTC	97	72,662
P00282057-1	3/13/2016	10:07:30 PM	HAW-11	ECC	EF	PTF	1	89
P00280951-2	3/13/2016	10:12:57 PM	BIG-15	EAC	TV	OCO	-	74,466
P00282071-1	3/13/2016	10:20:00 PM	PMA-13	ECE	TV	OSV	-	1,127
P00282070-1	3/13/2016	10:20:56 PM	SEQ-22	EBJ	TV	OTF	2	458
P00282078-1	3/13/2016	10:31:46 PM	PHA-16	EBE	UN	OCO	57	47,774
P00279821-2	3/13/2016	10:33:00 PM	EAR-17	EBJ	TV	OCO	13	5,374
P00281300-2	3/13/2016	10:33:29 PM	WLS-15	EAC	TV	OFU	1	1,112
P00282083-1	3/13/2016	10:35:00 PM	ING-15	EBD	TV	OTR	2	4,242
P00282088-1	3/13/2016	10:43:00 PM	AVO-15	EBD	TV	OCO	11	11,665
P00282109-1	3/13/2016	10:46:00 PM	STW-13	ECA	TV	OCO	52	33,034
P00281789-1	3/13/2016	10:50:29 PM	PET-13	EAC	TV	OCO	4	2,011
P00281329-1	3/13/2016	11:01:21 PM	TRA-23	ECE	TV	OCO	-	21,856
P00282114-1	3/13/2016	11:03:00 PM	WLS-16	EAC	TV	OCO	86	35,038
P00282127-1	3/13/2016	11:29:16 PM	FRG-22	ECC	EF	OCN	1	51

NUMBER	DATE	TIME	CKT	MPG	CAZ	EQT	CUST.OUT	CUST.MIN
P00282132-1	3/13/2016	11:35:56 PM	LGY-16	EAD	TV	UTC	4	1,281
P00282191-1	3/13/2016	11:36:18 PM	PGA-13	ECE	TV	OCO	102	85,954
P00282144-1	3/13/2016	11:40:28 PM	LGY-16	EAD	TV	OFU	1	366
P00282147-1	3/13/2016	11:52:00 PM	VAS-13	EBL	TV	OCO	35	27,224
P00282181-1	3/13/2016	11:52:31 PM	NHL-15	EBD	TV	OCO	4	2,753
P00282181-3	3/13/2016	11:52:31 PM	NHL-15	EBD	TV	OCO	4	2,753
P00282151-1	3/13/2016	11:59:00 PM	MAN-16	ECD	TV	OCO	22	45,924

Terms, Codes and Definitions Used on Detail Reports

Notification (NUMBER)	A number assigned by SAP, identifying the outage record	
Date (DATE)	The date of the outage	
Time (TIME)	The time of the outage	
Circuit (CKT)	The circuit identifier for the affected circuit	
Area (MPG)	Maintenance Planner Group A code representing the energy, region and service center	
	EAA – Bellingham	EBJ – South King
	EAC – Skagit	EBL – Vashon
	EAD – Whidbey	ECA – Puyallup
	EBD – Redmond	ECC – Olympia
	EBE – Factoria	ECD – Port Orchard
	EBF – Snoqualmie	ECE – Poulsbo
	EBI – Enumclaw	
Cause (CAZ)	Cause of Outage	
	AO – Accident Other	EF – Equipment Failure
	BA – Bird or Animal	EO – Electrical Overload
	CP – Car Pole	FI – Faulty Installation
	CR – Customer Request	TF – Tree Off Right-of-Way
	DU – Dig-up Underground	TO – Tree On Right-of-Way
	TV – Trees/Vegetation	SO – Scheduled Outage
	UN – Unknown	
Equipment (EQT)	Affected by, or involved in the outage	
	OCN – Connector	OSW – Overhead Switch
	OCO – Overhead Conductor	OTF – Overhead Transformer Fuse
	OCR – Crossarm	OTR – Overhead Transformer
	OFC – Overhead Cut-out	OUP – OH to UG Primary
	OFS – Overhead Fire Signal	OUS – OH to UG Secondary Service
	OFU – Fuse Link/OH Line Fuse	SBF – High-side Bank Fuse
	OGS – Span Guy	SCB – Power Circuit Breaker
	OHR – Overhead Recloser	UOT – Underground Outdoor Term
	OIN – Insulator	UPC – Underground Primary Cable
	OJU- Jump Wire	UPT – Padmount Transformer
	OPI – Overhead Pin Insulator	USV – Underground Service
	OPO – Pole	UTC – Underground Terminal Fuse
	OSV – Overhead Service	UTR – Submersible Transformer
	ORE – Regulator	
CUST OUT (CUST.OUT)	Customer Out , The number of customers without power for any given outage record	
CUST MIN (CUST. MIN)	Customer Minutes , The total number of minutes customers were without power for any given record	

Media & Communication Coverage**Deadly storm slams Western Washington: Downed trees block roads, cause widespread power outages**

POSTED 5:45 PM, MARCH 13, 2016, BY Q13 NEWS STAFF AND ASSOCIATED PRESS,
UPDATED AT 07:36AM, MARCH 14, 2016

SEATTLE -- Thousands of people are still without power Monday morning a day after a fierce wind storm whipped through Western Washington.

Strong winds toppled trees and power lines, temporarily closed major roads and knocked out power to stoplights, complicating the Monday morning commute.

One man died Sunday afternoon when a massive evergreen tree fell on his car in Seward Park in south Seattle. A toddler in the vehicle was taken to a Seattle hospital with minor injuries.

Passenger train service between Seattle and Everett has been temporarily suspended after a mudslide south of Mukilteo covered railroad tracks.

The State Route 520 bridge across Lake Washington reopened Monday morning after being closed overnight so that crews could repair damage from high winds.

Utilities in the region say crews are working to repair down power lines and remove downed trees and other debris.

Power outages

At least 250,000 customers were without power at the height of the storm.

Crews from Seattle City Light, Puget Sound Energy and Snohomish PUD were working as quickly and safely as possible to restore service.

By Monday morning PSE estimated roughly 40,000 of its customers remained without power. Seattle City Light: 3,800.



The windstorm that swept through the Northwest on Sunday had some of the wind speed and low pressure associated with tropical hurricanes, according to the National Weather Service in Seattle.

Originally published March 13, 2016 at 4:39 pm Updated March 14, 2016 at 10:18 am

Mike Lindblom

We nearly witnessed a hurricane.

The spring storm that rushed through the Northwest on Sunday, bringing wind gusts as high as 80 mph on the coast, showed a classic spiral pattern and extreme low pressures more familiar to Florida.

“Storm looks like a hurricane! The central pressure is deeper than expected, 978 mb,” the National Weather Service vented on Twitter around 1:30 p.m., with a photo of the eye of the storm offshore from Olympic National Park.

The intensity was expected to peak at 4:30 p.m., and dissipate over Vancouver Island in a few hours, said Jay Albrecht, a weather-service meteorologist in Seattle.

The edges of the spiral extended Sunday afternoon from Arlington to just north of Hoquiam, he said, taking in large areas of Puget Sound and the Pacific Coast.

Gusts reached 82 mph at [Destruction Island](#) on the north Pacific Coast, 74 mph at Moclips beach just north of Grays Harbor, and 62 mph at Discovery Park in Seattle, he said.

Winds were shifting direction around the epicenter, which passed Forks at around 3:30 p.m. On the Olympic Peninsula, wind directions pivoted during the day from northeast, to northwest, to west, Albrecht said.

The low-pressure center of the storm attracts winds inward, but the rotation of the earth counters that tendency by pulling wind directions “to the right,” he said. So on the coast, winds began from the south, then kept shifting as the eye moved toward Canada.

On the edge of the storm, the Seattle area received winds from the south, the same direction as during any ordinary rainstorm.

Albrecht called Sunday’s episode an “extratropical storm,” meaning outside the tropics but with similar characteristics. Gusts hovered near the 74 mph benchmark that defines hurricane-force winds, he said.