

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 395 ft. Lat: 33.6186° N Lon: -114.7142° W  
 Station: BLYTHE ASOS, CA US 23158

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0052	7	CLR:00	10.00		68	20.0	46	7.8	13	-10.6	12	8	340		29.55	0	-0.00	29.95	FM-15	0.00	29.97
10	0152	7	CLR:00	10.00		68	20.0	47	8.1	16	-8.9	13	5	120		29.54			29.94	FM-15	0.00	29.96
10	0252	7	CLR:00	10.00		71	21.7	48	8.8	15	-9.4	12	3	180		29.55			29.95	FM-15	0.00	29.97
10	0352	7	CLR:00	10.00		63	17.2	44	6.4	13	-10.6	14	5	280		29.55	3	-0.01	29.96	FM-15	0.00	29.97
10	0452	7	CLR:00	10.00		65	18.3	45	7.0	13	-10.6	13	0	000		29.57			29.97	FM-15	0.00	29.99
10	0552	7	CLR:00	10.00		62	16.7	43	6.2	13	-10.6	14	3	290		29.58			29.99	FM-15	0.00	30.00
10	0652	7	CLR:00	10.00		72	22.2	48	9.2	16	-8.9	12	0	000		29.60			30.00	FM-15	0.00	30.02
10	0752	7	CLR:00	10.00		76	24.4	52	10.9	22	-5.6	13	0	000		29.61			30.01	FM-15	0.00	30.03
10	0852	7	CLR:00	10.00		80	26.7	54	12.5	27	-2.8	14	5	110		29.60			30.01	FM-15	0.00	30.02
10	0952	7	CLR:00	10.00		85	29.4	57	13.8	28	-2.2	13	0	000		29.59	8	+0.00	30.00	FM-15	0.00	30.01
10	1052	7	CLR:00	10.00		89	31.7	58	14.4	26	-3.3	10	0	000		29.59			29.98	FM-15	0.00	30.01
10	1152	7	CLR:00	10.00		91	32.8	59	14.9	27	-2.8	10	0	000		29.55			29.96	FM-15	0.00	29.97
10	1252	7	CLR:00	10.00		93	33.9	59	14.7	22	-5.6	7	5	VRB		29.53			29.93	FM-15	0.00	29.95
10	1352	7	CLR:00	10.00		95	35.0	59	14.9	19	-7.2	6	8	160		29.49			29.89	FM-15	0.00	29.91
10	1452	7	CLR:00	10.00		96	35.6	59	15.1	19	-7.2	6	5	190		29.46			29.86	FM-15	0.00	29.88
10	1552	7	CLR:00	10.00		96	35.6	59	15.2	20	-6.7	6	7	180		29.44	6	+0.09	29.84	FM-15	0.00	29.86
10	1652	7	CLR:00	10.00		96	35.6	59	15.3	21	-6.1	6	0	000		29.43			29.83	FM-15	0.00	29.85
10	1752	7	CLR:00	10.00		94	34.4	58	14.6	19	-7.2	6	3	140		29.42			29.83	FM-15	0.00	29.84
10	1852	7	CLR:00	10.00		90	32.2	57	13.8	19	-7.2	7	3	170		29.42	6	+0.01	29.82	FM-15	0.00	29.84
10	1952	6	CLR:00	10.00		88	31.1	56	13.3	19	-7.2	8	13	230		29.44			29.84	FM-15	0.00	29.86
10	2052	6	CLR:00	10.00		84	28.9	54	12.3	18	-7.8	8	7	240		29.44			29.84	FM-15	0.00	29.86
10	2152	7	CLR:00	10.00		83	28.3	54	12.4	21	-6.1	10	9	210		29.43	0	-0.01	29.83	FM-15	0.00	29.85
10	2252	7	CLR:00	10.00		78	25.6	52	11.3	22	-5.6	12	3	150		29.43			29.83	FM-15	0.00	29.85
10	2352	7	CLR:00	10.00		76	24.4	52	11.2	25	-3.9	15	3	170		29.42			29.82	FM-15	0.00	29.84

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Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0052	7	CLR:00	10.00		71	21.7	52	11.1	32	0.0	24	5	150		29.41	8	+0.02	29.81	FM-15	0.00	29.83
11	0152	7	CLR:00	10.00		73	22.8	53	11.6	32	0.0	22	6	230		29.40			29.80	FM-15	0.00	29.82
11	0252	6	CLR:00	10.00		65	18.3	47	8.5	25	-3.9	22	6	340		29.41			29.81	FM-15	0.00	29.83
11	0352	6	CLR:00	10.00		65	18.3	48	8.6	26	-3.3	23	0	000		29.41	6	+0.00	29.81	FM-15	0.00	29.83
11	0452	6	CLR:00	10.00		67	19.4	48	9.2	26	-3.3	21	3	340		29.41			29.81	FM-15	0.00	29.83
11	0552	6	CLR:00	10.00		64	17.8	47	8.2	25	-3.9	23	5	340		29.42			29.82	FM-15	0.00	29.84
11	0652	6	CLR:00	10.00		71	21.7	51	10.6	29	-1.7	21	3	300		29.42	2	-0.01	29.82	FM-15	0.00	29.84
11	0752	6	CLR:00	10.00		77	25.0	55	12.6	32	0.0	19	5	360		29.44			29.84	FM-15	0.00	29.86
11	0852	6	CLR:00	10.00		84	28.9	58	14.3	33	0.6	16	9	180		29.44			29.84	FM-15	0.00	29.86
11	0952	6	CLR:00	10.00		89	31.7	59	15.0	31	-0.6	12	6	190		29.45	1	-0.02	29.85	FM-15	0.00	29.87
11	1037	6	CLR:00	10.00		95	35.0	59	15.0	20	-6.7	6	13	230	23	29.44				FM-16		29.86
11	1052	6	CLR:00	10.00		95	35.0	59	14.9	19	-7.2	6	14	210		29.43			29.83	FM-15	0.00	29.85
11	1152	6	CLR:00	10.00		97	36.1	60	15.3	19	-7.2	6	20	210	24	29.41			29.80	FM-15	0.00	29.83
11	1252	7	CLR:00	10.00		98	36.7	61	16.0	24	-4.4	7	17	210		29.38	8	+0.07	29.78	FM-15	0.00	29.80
11	1352	7	CLR:00	10.00		98	36.7	61	16.1	25	-3.9	7	20	210	25	29.35			29.75	FM-15	0.00	29.77
11	1452	7	CLR:00	10.00		99	37.2	61	15.9	21	-6.1	6	15	230	26	29.32			29.72	FM-15	0.00	29.74
11	1552	7	CLR:00	10.00		98	36.7	61	16.1	25	-3.9	7	23	240	31	29.30	6	+0.07	29.70	FM-15	0.00	29.72
11	1652	7	CLR:00	10.00		96	35.6	61	16.3	30	-1.1	10	23	240	33	29.30			29.70	FM-15	0.00	29.72
11	1752	7	CLR:00	10.00		92	33.3	61	15.9	33	0.6	12	22	250		29.31			29.71	FM-15	0.00	29.73
11	1852	7	CLR:00	10.00		90	32.2	59	15.2	31	-0.6	12	17	220	31	29.30	6	+0.00	29.70	FM-15	0.00	29.72
11	1952	7	CLR:00	10.00		86	30.0	57	14.1	29	-1.7	13	23	230	26	29.32			29.72	FM-15	0.00	29.74
11	2052	7	CLR:00	10.00		83	28.3	59	15.1	39	3.9	21	23	240		29.33			29.73	FM-15	0.00	29.75
11	2152	7	CLR:00	10.00		78	25.6	58	14.5	41	5.0	27	11	180		29.33	1	-0.03	29.73	FM-15	0.00	29.75
11	2252	7	CLR:00	10.00		77	25.0	57	14.0	40	4.4	26	14	200		29.34			29.73	FM-15	0.00	29.76
11	2352	7	CLR:00	10.00		77	25.0	56	13.3	36	2.2	23	9	220		29.32			29.72	FM-15	0.00	29.74

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						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0052	7	CLR:00	10.00		77	25.0	56	13.4	37	2.8	24	17	260		29.31	8	+0.02	29.71	FM-15	0.00	29.73
12	0152	7	CLR:00	10.00		76	24.4	54	12.1	31	-0.6	19	11	230		29.31			29.71	FM-15	0.00	29.73
12	0252	7	CLR:00	10.00		73	22.8	53	11.8	33	0.6	23	13	210		29.30			29.70	FM-15	0.00	29.72
12	0352	7	CLR:00	10.00		72	22.2	54	12.1	36	2.2	27	16	240		29.32	3	-0.01	29.72	FM-15	0.00	29.74
12	0452	7	CLR:00	10.00		71	21.7	52	11.3	33	0.6	25	13	240		29.32			29.72	FM-15	0.00	29.74
12	0552	7	CLR:00	10.00		68	20.0	51	10.4	32	0.0	26	9	220		29.33			29.74	FM-15	0.00	29.75
12	0652	7	CLR:00	10.00		69	20.6	52	11.2	35	1.7	29	7	280		29.37	3	-0.05	29.77	FM-15	0.00	29.79
12	0752	7	CLR:00	10.00		73	22.8	53	11.8	33	0.6	23	6	280		29.39			29.79	FM-15	0.00	29.81
12	0818	7	CLR:00	10.00		74	23.3	53	11.5	30	-1.1	20	22	010	28	29.40				FM-16		29.82
12	0852	7	CLR:00	5.00	HZ:7  FU  HZ	75	23.9	53	11.9	31	-0.6	20	22	360		29.40			29.81	FM-15	0.00	29.82
12	0936	7	BKN:07 29	4.00	HZ:7  FU  HZ	76	24.4	54	12.2	31	-0.6	19	20	010		29.42				FM-16		29.84
12	0952	7	OVC:08 27	4.00	HZ:7  FU  HZ	76	24.4	54	12.2	31	-0.6	19	24	010	32	29.43	3	-0.06	29.83	FM-15	0.00	29.85
12	1029	7	OVC:08 32	6.00	HZ:7  FU  HZ	78	25.6	54	12.3	29	-1.7	16	11	350	22	29.42				FM-16		29.84
12	1052	7	FEW:02 36	6.00	HZ:7  FU  HZ	77	25.0	54	12.1	29	-1.7	17	11	250		29.42			29.82	FM-15	0.00	29.84
12	1152	7	CLR:00	10.00		80	26.7	54	12.5	27	-2.8	14	8	240		29.41			29.81	FM-15	0.00	29.83
12	1252	7	CLR:00	10.00		81	27.2	53	11.6	18	-7.8	9	14	330		29.39	8	+0.04	29.80	FM-15	0.00	29.81
12	1352	7	CLR:00	10.00		83	28.3	53	11.9	17	-8.3	8	17	300	28	29.38			29.78	FM-15	0.00	29.80
12	1452	7	CLR:00	10.00		81	27.2	53	11.5	17	-8.3	9	6	VRB	23	29.35			29.75	FM-15	0.00	29.77
12	1525	7	CLR:00	10.00		82	27.8	53	11.5	15	-9.4	8	14	300	29	29.36				FM-16		29.78
12	1552	7	CLR:00	10.00		82	27.8	53	11.5	15	-9.4	8	20	280	24	29.35	6	+0.04	29.75	FM-15	0.00	29.77
12	1652	7	CLR:00	10.00		81	27.2	51	10.8	9	-12.8	6	20	320	24	29.36			29.76	FM-15	0.00	29.78
12	1744	7	BKN:07 23	2.50	HZ:7  FU  HZ	75	23.9	49	9.4	11	-11.7	8	29	350	34	29.38				FM-16		29.80
12	1752	7	BKN:07 24	1.75	HZ:7  FU  HZ	74	23.3	49	9.2	12	-11.1	9	26	340	37	29.38			29.78	FM-15	0.00	29.80
12	1809	7	OVC:08 24	2.00	HZ:7  FU  HZ	74	23.3	48	9.2	11	-11.7	9	25	340	32	29.39				FM-16		29.81
12	1825	7	OVC:08 28	4.00	HZ:7  FU  HZ	73	22.8	48	8.9	11	-11.7	9	18	340	33	29.41				FM-16		29.83
12	1834	7	OVC:08 32	5.00	HZ:7  FU  HZ	73	22.8	48	8.9	11	-11.7	9	21	340		29.41				FM-16		29.83
12	1852	7	OVC:08 36	6.00	HZ:7  FU  HZ	73	22.8	48	9.0	12	-11.1	9	26	340	31	29.43	3	-0.08	29.84	FM-15	0.00	29.85
12	1952	7	CLR:00	10.00		71	21.7	48	8.8	15	-9.4	12	22	320	30	29.47			29.87	FM-15	0.00	29.89
12	2052	7	CLR:00	10.00		69	20.6	47	8.4	16	-8.9	13	24	340		29.50			29.91	FM-15	0.00	29.92
12	2152	7	CLR:00	10.00		68	20.0	47	8.3	18	-7.8	15	22	330		29.54	3	-0.11	29.94	FM-15	0.00	29.96
12	2252	7	CLR:00	10.00		66	18.9	46	7.8	18	-7.8	16	22	350		29.57			29.97	FM-15	0.00	29.99
12	2352	7	CLR:00	10.00		62	16.7	44	6.9	19	-7.2	19	9	030		29.61			30.01	FM-15	0.00	30.03

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					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0052	7	CLR:00	10.00		61	16.1	44	6.5	18	-7.8	19	14	010		29.63	1	-0.09	30.03	FM-15	0.00	30.05
13	0152	7	CLR:00	10.00		59	15.0	42	5.8	17	-8.3	19	13	360		29.65			30.05	FM-15	0.00	30.07
13	0252	7	CLR:00	10.00		60	15.6	42	5.6	13	-10.6	16	13	340		29.67			30.07	FM-15	0.00	30.09
13	0352	7	CLR:00	10.00		58	14.4	41	4.9	12	-11.1	16	14	010		29.69	3	-0.06	30.10	FM-15	0.00	30.11
13	0452	7	CLR:00	10.00		58	14.4	41	4.7	10	-12.2	15	13	360		29.72			30.13	FM-15	0.00	30.14
13	0552	7	CLR:00	10.00		54	12.2	38	3.4	9	-12.8	16	8	340		29.76			30.16	FM-15	0.00	30.18
13	0652	7	CLR:00	10.00		63	17.2	43	5.9	7	-13.9	11	13	350		29.79	3	-0.10	30.20	FM-15	0.00	30.21
13	0752	7	CLR:00	10.00		67	19.4	45	7.1	8	-13.3	10	20	350		29.80			30.21	FM-15	0.00	30.22
13	0852	7	CLR:00	10.00		69	20.6	46	7.7	8	-13.3	9	17	350	26	29.82			30.23	FM-15	0.00	30.24
13	0952	7	CLR:00	10.00		71	21.7	47	8.3	9	-12.8	9	16	340	25	29.83	1	-0.04	30.23	FM-15	0.00	30.25
13	1052	7	CLR:00	10.00		73	22.8	48	8.7	8	-13.3	8	17	360	24	29.81			30.22	FM-15	0.00	30.23
13	1152	7	CLR:00	10.00		76	24.4	49	9.5	8	-13.3	7	15	330	23	29.79			30.20	FM-15	0.00	30.21
13	1252	7	CLR:00	10.00		77	25.0	49	9.7	7	-13.9	7	20	350	26	29.77	8	+0.05	30.18	FM-15	0.00	30.19
13	1352	7	CLR:00	10.00		78	25.6	50	10.0	8	-13.3	7	23	340	30	29.75			30.15	FM-15	0.00	30.17
13	1452	7	CLR:00	10.00		79	26.1	51	10.3	8	-13.3	6	18	320	26	29.73			30.13	FM-15	0.00	30.15
13	1552	7	CLR:00	10.00		79	26.1	50	10.3	8	-13.3	6	18	320		29.71	6	+0.07	30.11	FM-15	0.00	30.13
13	1652	7	CLR:00	10.00		79	26.1	51	10.3	9	-12.8	7	20	330	36	29.71			30.11	FM-15	0.00	30.13
13	1752	7	CLR:00	10.00		77	25.0	50	9.8	8	-13.3	7	14	360	23	29.72			30.13	FM-15	0.00	30.14
13	1852	7	CLR:00	10.00		73	22.8	48	8.9	10	-12.2	9	13	360		29.74	3	-0.03	30.15	FM-15	0.00	30.16
13	1952	7	CLR:00	10.00		71	21.7	47	8.4	10	-12.2	9	11	340		29.76			30.16	FM-15	0.00	30.18
13	2052	7	CLR:00	10.00		69	20.6	46	7.8	10	-12.2	10	13	340		29.77			30.18	FM-15	0.00	30.19
13	2152	7	CLR:00	10.00		68	20.0	46	7.6	10	-12.2	10	13	340		29.78	1	-0.04	30.18	FM-15	0.00	30.20
13	2252	7	CLR:00	10.00		66	18.9	45	7.0	10	-12.2	11	13	330		29.78			30.18	FM-15	0.00	30.20
13	2352	7	CLR:00	10.00		64	17.8	44	6.5	10	-12.2	12	7	220		29.79			30.20	FM-15	0.00	30.21

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0052	7				48	8.9	37	2.6	19	-7.2	32	7	040		27.34	8	+0.01	29.98	FM-15	0.00	30.07
10	0152	7				46	7.8	36	2.0	19	-7.2	34	6	050		27.34			29.98	FM-15	0.00	30.07
10	0252	7				47	8.3	36	2.3	19	-7.2	33	6	040		27.33			29.98	FM-15	0.00	30.06
10	0352	7				45	7.2	36	2.0	21	-6.1	39	7	040		27.33	8	+0.01	29.98	FM-15	0.00	30.06
10	0452	7				45	7.2	36	2.0	21	-6.1	39	7	030		27.34			29.99	FM-15	0.00	30.07
10	0552	7				47	8.3	37	2.7	22	-5.6	37	7	050		27.34			30.00	FM-15	0.00	30.07
10	0652	7				56	13.3	43	6.0	26	-3.3	32	5	050		27.34	2	-0.02	30.01	FM-15	0.00	30.08
10	0752	7				70	21.1	50	10.1	29	-1.7	22	0	000		27.34			30.01	FM-15	0.00	30.08
10	0852	7				80	26.7	51	10.7	16	-8.9	9	0	000		27.34			29.99	FM-15	0.00	30.08
10	0952	7				84	28.9	53	11.6	16	-8.9	8	3	150		27.34	7	+0.01	29.99	FM-15	0.00	30.07
10	1052	7				86	30.0	55	12.6	21	-6.1	9	10	200		27.34			29.98	FM-15	0.00	30.07
10	1152	7				87s	30.6s	55	12.9	22	-5.6	9	13	230	20	27.32			29.96	FM-15	0.00	30.05
10	1252	7				87s	30.6s	55	12.8	21	-6.1	9	15	220	22	27.30	8	+0.04	29.94	FM-15	0.00	30.03
10	1352	7				87	30.6	55	12.8	21	-6.1	9	10	230	22	27.28			29.93	FM-15	0.00	30.01
10	1452	7				86	30.0	55	12.7	22	-5.6	9	16	280	24	27.28			29.92	FM-15	0.00	30.01
10	1552	7				84	28.9	55	12.8	26	-3.3	12	13	280	20	27.28	6	+0.02	29.93	FM-15	0.00	30.01
10	1652	7				80	26.7	55	12.5	30	-1.1	16	14	290		27.28			29.94	FM-15	0.00	30.01
10	1752	7				76	24.4	56	13.3	39	3.9	26	9	260		27.30			29.96	FM-15	0.00	30.03
10	1852	7				72	22.2	56	13.4	43	6.1	35	8	250		27.30	1	-0.02	29.96	FM-15	0.00	30.03
10	1952	7				61	16.1	51	10.4	41	5.0	48	3	020		27.31			29.96	FM-15	0.00	30.04
10	2052	7				57	13.9	49	9.4	41	5.0	55	6	050		27.32			29.96	FM-15	0.00	30.05
10	2152	7				53	11.7	47	8.1	40	4.4	61	5	040		27.31	0	-0.01	29.95	FM-15	0.00	30.04
10	2252	7				49	9.4	44	6.8	39	3.9	69	7	060		27.31			29.95	FM-15	0.00	30.04
10	2352	7				49	9.4	44	6.5	38	3.3	66	8	050		27.28			29.92	FM-15	0.00	30.01

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

## Local Climatological Data Hourly Observations April 2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/07/2018

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0052	7				48	8.9	43	6.0	37	2.8	66	6	040		27.27	7	+0.04	29.92	FM-15	0.00	30.00
11	0152	7				46	7.8	41	5.0	35	1.7	66	7	060		27.27			29.91	FM-15	0.00	30.00
11	0252	6				45	7.2	40	4.7	35	1.7	68	8	070		27.26			29.91	FM-15	0.00	29.99
11	0352	6				46	7.8	41	5.0	35	1.7	66	3	030		27.25	8	+0.02	29.90	FM-15	0.00	29.98
11	0452	6				45	7.2	40	4.7	35	1.7	68	7	040		27.25			29.90	FM-15	0.00	29.98
11	0552	6				47	8.3	42	5.7	37	2.8	69	5	060		27.25			29.91	FM-15	0.00	29.98
11	0652	6				54	12.2	47	8.1	39	3.9	57	0	000		27.27	3	-0.01	29.92	FM-15	0.00	30.00
11	0752	6				68	20.0	54	12.2	42	5.6	39	0	000		27.26			29.91	FM-15	0.00	29.99
11	0852	6				73	22.8	54	12.3	37	2.8	27	10	210		27.27			29.92	FM-15	0.00	30.00
11	0952	6				75	23.9	55	12.7	37	2.8	25	10	230		27.28	3	-0.02	29.93	FM-15	0.00	30.01
11	1052	6				78	25.6	54	12.3	31	-0.6	18	9	230		27.27			29.92	FM-15	0.00	30.00
11	1152	6				79	26.1	54	12.3	30	-1.1	17	14	250		27.25			29.90	FM-15	0.00	29.98
11	1252	7				80	26.7	54	12.2	28	-2.2	15	15	240		27.25	6	+0.04	29.90	FM-15	0.00	29.98
11	1352	7				78	25.6	57	14.0	40	4.4	26	15	230		27.24			29.89	FM-15	0.00	29.96
11	1452	7				77	25.0	60	15.4	47	8.3	35	18	220	23	27.22			29.88	FM-15	0.00	29.95
11	1552	7				75	23.9	52	10.9	27s	-2.8s	17	16	230		27.21	6	+0.04	29.87	FM-15	0.00	29.94
11	1652	7				73	22.8	52	10.9	30	-1.1	20	16	240	24	27.21			29.87	FM-15	0.00	29.93
11	1752	7				68	20.0	52	10.9	36	2.2	31	14	260		27.22			29.89	FM-15	0.00	29.95
11	1852	7				62	16.7	52	10.8	42	5.6	48	8	230		27.24	3	-0.03	29.91	FM-15	0.00	29.97
11	1952	7				55	12.8	50	9.9	45	7.2	69	7	220		27.24			29.90	FM-15	0.00	29.97
11	2052	7				54	12.2	51	10.4	48	8.9	80	0	000		27.26			29.91	FM-15	0.00	29.99
11	2152	7				50	10.0	49	9.7	49	9.4	96	6	220		27.26	1	-0.01	29.91	FM-15	0.00	29.99
11	2252	7				49	9.4	48	8.9	47	8.3	93	3	310		27.26			29.91	FM-15	0.00	29.99
11	2352	7				49	9.4	48	8.9	47	8.3	93	0	000		27.25			29.90	FM-15	0.00	29.98

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0052	7				47	8.3	46	7.8	45	7.2	93	0	000		27.24	8	+0.03	29.88	FM-15	0.00	29.96
12	0152	7				50	10.0	49	9.4	48	8.9	93	11	230		27.22			29.87	FM-15	0.00	29.95
12	0252	7				50	10.0	47	8.6	45	7.2	83	10	240		27.22			29.87	FM-15	0.00	29.95
12	0352	7				49	9.4	46	8.0	44	6.7	83	8	240		27.22	8	+0.01	29.87	FM-15	0.00	29.95
12	0452	7				48	8.9	46	7.5	43	6.1	83	10	230		27.24			29.89	FM-15	0.00	29.96
12	0552	7				47	8.3	45	7.2	43	6.1	86	9	240		27.25			29.92	FM-15	0.00	29.98
12	0652	7				47	8.3	45	7.0	42	5.6	83	15	220		27.27	3	-0.05	29.95	FM-15	0.00	30.00
12	0752	7				50	10.0	46	7.5	41	5.0	71	17	250		27.27			29.95	FM-15	0.00	30.00
12	0852	7				53	11.7	47	8.1	40	4.4	61	20	270	29	27.27			29.95	FM-15	0.00	30.00
12	0952	7				54	12.2	47	8.6	41	5.0	62	20	220	29	27.26	8	+0.01	29.94	FM-15	0.00	29.99
12	1052	7				55	12.8	49	9.6	44	6.7	67	20	220	29	27.27			29.96	FM-15	0.00	30.00
12	1152	7				56	13.3	48	8.9	40	4.4	55	16	VRB	26	27.26			29.95	FM-15	0.00	29.99
12	1252	7				58	14.4	47	8.5	36	2.2	44	15	270	23	27.27	1	-0.01	29.95	FM-15	0.00	30.00
12	1352	7				60	15.6	48	8.8	35	1.7	39	20	250	28	27.24			29.92	FM-15	0.00	29.97
12	1452	7				60	15.6	49	9.4	38	3.3	44	17	270	29	27.24			29.91	FM-15	0.00	29.96
12	1552	7				58	14.4	49	9.6	41	5.0	53	22	260	30	27.24	6	+0.04	29.91	FM-15	0.00	29.96
12	1652	7				57	13.9	48	8.7	38	3.3	49	16	250	22	27.24			29.93	FM-15	0.00	29.97
12	1752	7				52	11.1	45	7.4	38	3.3	59	10	240		27.28			29.96	FM-15	0.00	30.01
12	1852	7				50	10.0	44	6.8	38	3.3	63	8	230		27.30	3	-0.06	29.99	FM-15	0.00	30.03
12	1952	7				46	7.8	42	5.5	37	2.8	71	5	210		27.31			30.01	FM-15	0.00	30.04
12	2052	7				46	7.8	42	5.5	37	2.8	71	6	250		27.31			30.00	FM-15	0.00	30.04
12	2152	7				43	6.1	40	4.3	36	2.2	76	0	000		27.32	1	-0.02	30.02	FM-15	0.00	30.05
12	2252	7				39	3.9	37	2.7	34	1.1	82	9	080		27.33			30.02	FM-15	0.00	30.06
12	2352	7				38	3.3	36	2.1	33	0.6	83	5	050		27.34			30.03	FM-15	0.00	30.07

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 2641 ft. Lat: 32.6261° N Lon: -116.4681° W  
 Station: CAMPO ASOS, CA US 03164

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0052	7				34	1.1	32	0.2	30	-1.1	85	0	000		27.34	3	-0.02	30.04	FM-15	0.00	30.07
13	0152	7				31	-0.6	29	-1.4	27	-2.8	85	3	040		27.34			30.05	FM-15	0.00	30.07
13	0252	7				30	-1.1	28	-1.9	26	-3.3	85	3	060		27.34			30.05	FM-15	0.00	30.08
13	0352	7				37	2.8	33	0.8	28	-2.2	70	6	020		27.35	3	-0.01	30.05	FM-15	0.00	30.09
13	0452	7				50	10.0	36	2.5	14	-10.0	24	15	060		27.35			30.04	FM-15	0.00	30.09
13	0552	7				51	10.6	36	2.4	11	-11.7	20	16	060	25	27.38			30.07	FM-15	0.00	30.12
13	0652	7				56	13.3	39	3.8	10	-12.2	16	26	060	33	27.39	3	-0.04	30.09	FM-15	0.00	30.13
13	0752	7				58	14.4	40	4.2	9	-12.8	14	29	060	40	27.41			30.11	FM-15	0.00	30.15
13	0852	7				60	15.6	41	4.8	9	-12.8	13	30	060	41	27.41			30.11	FM-15	0.00	30.15
13	0952	7				63	17.2	42	5.6	9	-12.8	12	26	060	39	27.43	1	-0.04	30.13	FM-15	0.00	30.17
13	1052	7				65	18.3	43	6.0	7	-13.9	10	26	070	34	27.44			30.14	FM-15	0.00	30.18
13	1152	7				67	19.4	44	6.4	5	-15.0	8	24	070	33	27.43			30.12	FM-15	0.00	30.17
13	1252	7				69	20.6	45	7.0	6	-14.4	8	29	060	39	27.42	8	+0.01	30.11	FM-15	0.00	30.16
13	1352	7				69	20.6	45	7.0	6	-14.4	8	20	040	31	27.42			30.12	FM-15	0.00	30.16
13	1452	7				69	20.6	44	6.9	5	-15.0	8	23	050	30	27.40			30.10	FM-15	0.00	30.14
13	1552	7				69	20.6	45	7.0	6	-14.4	8	22	060	30	27.41	5	+0.01	30.10	FM-15	0.00	30.15
13	1652	7				67	19.4	44	6.4	5	-15.0	8	22	050		27.42			30.10	FM-15	0.00	30.16
13	1752	7				64	17.8	42	5.7	6	-14.4	10	13	050		27.43			30.11	FM-15	0.00	30.17
13	1852	7				62	16.7	41	5.1	6	-14.4	11	8	010		27.45	3	-0.04	30.13	FM-15	0.00	30.19
13	1952	7				52	11.1	37	2.6	10	-12.2	18	9	070		27.47			30.17	FM-15	0.00	30.22
13	2052	7				50	10.0	35	1.9	9	-12.8	19	7	070		27.48			30.18	FM-15	0.00	30.23
13	2152	7				48	8.9	35	1.5	11	-11.7	22	7	030		27.47	0	-0.02	30.16	FM-15	0.00	30.21
13	2252	7				51	10.6	36	2.4	11	-11.7	20	0	000		27.46			30.14	FM-15	0.00	30.20
13	2352	7				56	13.3	39	3.7	9	-12.8	15	3	VRB	20	27.47			30.14	FM-15	0.00	30.21

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: **IMPERIAL CO AIRPORT, CA US 03144**

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0053	7	CLR:00	10.00		62	16.7	47	8.6	30	-1.1	30	8	270		29.99	1	-0.01	29.93	FM-15	0.00	29.93
10	0153	7	CLR:00	10.00		65	18.3	47	8.4	24	-4.4	21	5	280		29.99			29.93	FM-15	0.00	29.93
10	0253	7	CLR:00	10.00		62	16.7	47	8.1	27	-2.8	26	6	290		29.99			29.93	FM-15	0.00	29.93
10	0353	7	CLR:00	10.00		62	16.7	45	7.2	21	-6.1	21	3	240		29.99	6	+0.00	29.93	FM-15	0.00	29.93
10	0453	7	CLR:00	10.00		58	14.4	45	7.3	29	-1.7	33	5	250		30.00			29.94	FM-15	0.00	29.94
10	0553	7	CLR:00	10.00		61	16.1	45	7.3	24	-4.4	24	7	260		30.02			29.96	FM-15	0.00	29.96
10	0653	7	CLR:00	10.00		68	20.0	51	10.5	32	0.0	26	7	270		30.03	2	-0.04	29.97	FM-15	0.00	29.97
10	0753	7	CLR:00	10.00		76	24.4	57	13.9	40	4.4	27	5	280		30.04			29.98	FM-15	0.00	29.98
10	0853	7	CLR:00	10.00		84	28.9	57	13.6	28	-2.2	13	6	280		30.04			29.98	FM-15	0.00	29.98
10	0953	7	CLR:00	10.00		89	31.7	57	13.9	21	-6.1	8	0	000		30.04	1	-0.01	29.98	FM-15	0.00	29.98
10	1053	7	CLR:00	10.00		93	33.9	60	15.3	26	-3.3	9	7	060		30.03			29.97	FM-15	0.00	29.97
10	1153	7	CLR:00	10.00		95	35.0	59	15.2	21	-6.1	7	7	120		30.00			29.94	FM-15	0.00	29.94
10	1253	7	CLR:00	10.00		96	35.6	60	15.6	23	-5.0	7	5	090		29.97	8	+0.07	29.91	FM-15	0.00	29.91
10	1353	7	CLR:00	10.00		97	36.1	60	15.3	18	-7.8	6	7	090		29.94			29.88	FM-15	0.00	29.88
10	1453	7	CLR:00	10.00		97	36.1	61	16.0	25	-3.9	7	7	100		29.91			29.85	FM-15	0.00	29.85
10	1553	7	CLR:00	10.00		98	36.7	60	15.6	19	-7.2	6	6	120		29.89	6	+0.08	29.83	FM-15	0.00	29.83
10	1653	7	CLR:00	10.00		96	35.6	59	15.1	18	-7.8	6	6	250		29.88			29.82	FM-15	0.00	29.82
10	1753	7	CLR:00	10.00		93	33.9	59	14.9	23	-5.0	8	0	000		29.88			29.82	FM-15	0.00	29.82
10	1853	7	CLR:00	10.00		87	30.6	58	14.3	28	-2.2	12	8	210		29.89	3	-0.01	29.83	FM-15	0.00	29.83
10	1953	6	CLR:00	10.00		81	27.2	57	14.0	35	1.7	19	11	260		29.91			29.85	FM-15	0.00	29.85
10	2053	6	CLR:00	10.00		78	25.6	57	14.1	39	3.9	25	9	270		29.92			29.86	FM-15	0.00	29.86
10	2153	7	CLR:00	10.00		76	24.4	57	14.1	41	5.0	29	9	280		29.92	1	-0.02	29.86	FM-15	0.00	29.86
10	2253	7	CLR:00	10.00		75	23.9	56	13.3	38	3.3	26	9	320		29.92			29.86	FM-15	0.00	29.86
10	2353	7	CLR:00	10.00		73	22.8	54	12.2	35	1.7	25	8	250		29.90			29.84	FM-15	0.00	29.84

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: **IMPERIAL CO AIRPORT, CA US 03144**

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0053	7	CLR:00	10.00		73	22.8	56	13.4	41	5.0	32	9	260		29.88	8	+0.04	29.83	FM-15	0.00	29.82
11	0153	7	CLR:00	10.00		70	21.1	53	11.7	36	2.2	29	6	250		29.88			29.82	FM-15	0.00	29.82
11	0253	6	CLR:00	10.00		67	19.4	52	11.0	36	2.2	32	8	250		29.87			29.81	FM-15	0.00	29.81
11	0353	6	CLR:00	10.00		72	22.2	53	11.8	34	1.1	25	10	250		29.87	8	+0.02	29.81	FM-15	0.00	29.81
11	0453	6	CLR:00	10.00		71	21.7	53	11.6	34	1.1	26	7	270		29.87			29.81	FM-15	0.00	29.81
11	0553	6	CLR:00	10.00		69	20.6	51	10.7	32	0.0	25	3	160		29.87			29.81	FM-15	0.00	29.81
11	0653	6	CLR:00	10.00		74	23.3	55	13.0	38	3.3	27	8	150		29.88	3	-0.02	29.83	FM-15	0.00	29.82
11	0753	6	CLR:00	9.00		81	27.2	59	15.2	41	5.0	24	7	140		29.90			29.84	FM-15	0.00	29.84
11	0853	6	CLR:00	10.00		84	28.9	61	16.0	42	5.6	23	6	130		29.91			29.85	FM-15	0.00	29.85
11	0953	6	CLR:00	10.00		87	30.6	63	17.4	46	7.8	24	8	080		29.92	3	-0.04	29.86	FM-15	0.00	29.86
11	1053	6	CLR:00	10.00		90	32.2	64	17.8	45	7.2	21	7	080		29.91			29.85	FM-15	0.00	29.85
11	1153	6	CLR:00	10.00		93	33.9	62	16.7	36	2.2	13	8	090		29.88			29.82	FM-15	0.00	29.82
11	1253	7	CLR:00	10.00		96	35.6	63	17.3	36	2.2	12	6	060		29.85	8	+0.07	29.79	FM-15	0.00	29.79
11	1353	7	CLR:00	10.00		97	36.1	63	17.2	34	1.1	11	0	000		29.83			29.77	FM-15	0.00	29.77
11	1453	7	CLR:00	10.00		99	37.2	63	17.1	31	-0.6	9	5	VRB		29.79			29.73	FM-15	0.00	29.73
11	1553	7	CLR:00	10.00		95	35.0	65	18.3	43	6.1	17	25	270	34	29.77	6	+0.08	29.71	FM-15	0.00	29.71
11	1653	7	CLR:00	10.00		91	32.8	63	17.0	40	4.4	17	22	260	34	29.77			29.71	FM-15	0.00	29.71
11	1753	7	CLR:00	10.00		87	30.6						23	250	32	29.80			29.74	FM-15	0.00	29.74
11	1837	7	SCT:04 7	3.00	HZ:7  FU  HZ	84	28.9						5	VRB	17	29.82				FM-16		29.76
11	1853	7	FEW:02 7	6.00	HZ:7  FU  HZ	82	27.8	55	12.8	26	-3.3	13	8	VRB		29.82	3	-0.05	29.76	FM-15	0.00	29.76
11	1953	7	CLR:00	10.00		79	26.1	60	15.4	44s	6.7s	29	8	270	18	29.84			29.78	FM-15	0.00	29.78
11	2053	7	CLR:00	10.00		79	26.1	60	15.4	44	6.7	29	20	250	32	29.84			29.78	FM-15	0.00	29.78
11	2153	7	CLR:00	10.00		76	24.4	56	13.1	36	2.2	23	18	260		29.84	1	-0.03	29.78	FM-15	0.00	29.78
11	2253	7	CLR:00	10.00		73	22.8	54	12.2	35	1.7	25	17	290	28	29.86			29.80	FM-15	0.00	29.80
11	2353	7	CLR:00	6.00	HZ:7  FU  HZ	71	21.7	52	10.9	30	-1.1	22	14	300		29.87			29.81	FM-15	0.00	29.81

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: IMPERIAL CO AIRPORT, CA US 03144

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0053	7	CLR:00	10.00		73	22.8	51	10.7	26	-3.3	17	24	280	32	29.87	0	-0.02	29.81	FM-15	0.00	29.81
12	0153	7	CLR:00	9.00		69	20.6	51	10.7	32	0.0	25	18	260		29.85			29.79	FM-15	0.00	29.79
12	0253	7	CLR:00	10.00		68	20.0	51	10.5	32	0.0	26	18	250	25	29.85			29.79	FM-15	0.00	29.79
12	0353	7	CLR:00	10.00		66	18.9	53	11.6	40	4.4	39	20	240	25	29.85	5	+0.01	29.80	FM-15	0.00	29.79
12	0453	7	CLR:00	10.00		64	17.8	52	10.9	39	3.9	40	16	250	25	29.85			29.79	FM-15	0.00	29.79
12	0553	7	CLR:00	7.00		63	17.2	52	11.1	41	5.0	45	22	250	32	29.87			29.80	FM-15	0.00	29.81
12	0653	7	CLR:00	10.00		65	18.3	52	11.3	40	4.4	40	22	250	34	29.89	3	-0.04	29.83	FM-15	0.00	29.83
12	0753	7	CLR:00	10.00		67	19.4	53	11.8	40	4.4	37	20	250		29.91			29.85	FM-15	0.00	29.85
12	0853	7	BKN:07 31	10.00		72	22.2	55	12.6	38	3.3	29	23	250	32	29.91			29.85	FM-15	0.00	29.85
12	0953	7	SCT:04 34	8.00		75	23.9	56	13.1	37	2.8	25	16	280	31	29.92	1	-0.04	29.86	FM-15	0.00	29.86
12	1004	7	BKN:07 27	3.00	HZ:7  FU  HZ	75	23.9	56	13.1	37	2.8	25	14	280	23	29.92				FM-16		29.86
12	1053	7	BKN:07 24 OVC:08 31	3.00	HZ:7  FU  HZ	77	25.0	56	13.3	36	2.2	23	13	320	18	29.91			29.85	FM-15	0.00	29.85
12	1136	7	SCT:04 28	8.00		78	25.6	55	12.9	32	0.0	19	16	310	23	29.92				FM-16		29.86
12	1153	7	CLR:00	9.00		80	26.7	56	13.3	32	0.0	17	16	290	25	29.91			29.85	FM-15	0.00	29.85
12	1253	7	CLR:00	10.00		81	27.2	57	13.7	33	0.6	18	11	310		29.90	6	+0.02	29.84	FM-15	0.00	29.84
12	1353	7	CLR:00	10.00		82	27.8	57	13.9	33	0.6	17	16	290	24	29.88			29.82	FM-15	0.00	29.82
12	1453	7	CLR:00	10.00		82	27.8	56	13.4	30	-1.1	15	14	290	25	29.86			29.80	FM-15	0.00	29.80
12	1553	7	CLR:00	10.00		80	26.7	56	13.1	31	-0.6	17	16	290		29.87	5	+0.04	29.80	FM-15	0.00	29.81
12	1653	7	SCT:04 38	5.00	HZ:7  FU  HZ	77	25.0	55	12.6	32	0.0	19	21	290	30	29.86			29.80	FM-15	0.00	29.80
12	1753	7	CLR:00	7.00		73	22.8	54	12.2	35	1.7	25	20	290	31	29.88			29.82	FM-15	0.00	29.82
12	1853	7	CLR:00	10.00		69	20.6	53	11.5	36	2.2	30	18	270	30	29.93	3	-0.06	29.87	FM-15	0.00	29.87
12	1953	7	CLR:00	10.00		68	20.0	51	10.5	32	0.0	26	16	290		29.96			29.90	FM-15	0.00	29.90
12	2053	7	CLR:00	9.00		65	18.3	50	9.7	32	0.0	29	15	270		29.99			29.93	FM-15	0.00	29.93
12	2153	7	CLR:00	10.00		64	17.8	49	9.5	32	0.0	30	11	300		30.02	1	-0.09	29.96	FM-15	0.00	29.96
12	2253	7	CLR:00	10.00		62	16.7	47	8.4	29	-1.7	29	8	300		30.05			29.99	FM-15	0.00	29.99
12	2353	7	CLR:00	10.00		59	15.0	46	7.8	30	-1.1	33	6	270		30.09			30.03	FM-15	0.00	30.03

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -58 ft. Lat: 32.8342° N Lon: -115.5786° W  
 Station: **IMPERIAL CO AIRPORT, CA US 03144**

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0053	7	CLR:00	10.00		61	16.1	45	7.4	24	-4.4	24	8	320		30.10	1	-0.08	30.04	FM-15	0.00	30.04
13	0153	7	CLR:00	10.00		62	16.7	47	8.4	29	-1.7	29	8	330		30.11			30.05	FM-15	0.00	30.05
13	0253	7	CLR:00	10.00		60	15.6	47	8.4	32	0.0	35	3	300		30.14			30.08	FM-15	0.00	30.08
13	0353	7	CLR:00	10.00		59	15.0	45	7.3	27	-2.8	29	7	330		30.16	3	-0.06	30.10	FM-15	0.00	30.10
13	0453	7	CLR:00	10.00		56	13.3	44	6.8	29	-1.7	36	8	310		30.19			30.13	FM-15	0.00	30.13
13	0553	7	CLR:00	10.00		56	13.3	45	7.0	30	-1.1	37	3	VRB		30.23			30.17	FM-15	0.00	30.17
13	0653	7	CLR:00	10.00		64	17.8	47	8.5	26	-3.3	24	8	360		30.27	3	-0.11	30.21	FM-15	0.00	30.21
13	0753	7	CLR:00	10.00		69	20.6	48	8.7	18	-7.8	14	9	350		30.29			30.23	FM-15	0.00	30.23
13	0853	7	CLR:00	10.00		72	22.2	48	9.1	14	-10.0	11	13	350		30.30			30.24	FM-15	0.00	30.24
13	0953	7	CLR:00	10.00		74	23.3	49	9.3	11	-11.7	9	14	010	21	30.31	1	-0.04	30.24	FM-15	0.00	30.25
13	1053	7	CLR:00	10.00		75	23.9	49	9.4	8	-13.3	7	11	010		30.29			30.23	FM-15	0.00	30.23
13	1153	7	CLR:00	9.00		77	25.0	50	9.8	7	-13.9	7	11	020	21	30.28			30.22	FM-15	0.00	30.22
13	1253	7	CLR:00	10.00		79	26.1	51	10.4	8	-13.3	6	13	010	20	30.26	8	+0.05	30.20	FM-15	0.00	30.20
13	1353	6	CLR:00	10.00		79	26.1	51	10.5	10	-12.2	7	13	340	20	30.24			30.18	FM-15	0.00	30.18
13	1453	7	CLR:00	10.00		80	26.7	52	10.9	11	-11.7	7	7	VRB		30.22			30.16	FM-15	0.00	30.16
13	1553	7	CLR:00	10.00		79	26.1	51	10.8	13	-10.6	8	8	360		30.20	7	+0.06	30.14	FM-15	0.00	30.14
13	1653	7	CLR:00	10.00		78	25.6	51	10.7	15	-9.4	9	6	320		30.19			30.13	FM-15	0.00	30.13
13	1753	7	CLR:00	10.00		75	23.9	51	10.4	19	-7.2	12	5	320		30.20			30.13	FM-15	0.00	30.14
13	1853	7	CLR:00	10.00		74	23.3	49	9.7	15	-9.4	10	6	310		30.21	3	-0.01	30.15	FM-15	0.00	30.15
13	1953	7	CLR:00	10.00		69	20.6	48	8.7	18	-7.8	14	0	000		30.23			30.16	FM-15	0.00	30.17
13	2053	7	CLR:00	10.00		67	19.4	47	8.3	19	-7.2	16	5	280		30.24			30.18	FM-15	0.00	30.18
13	2153	7	CLR:00	10.00		70	21.1	48	8.7	15	-9.4	12	5	330		30.25	1	-0.04	30.19	FM-15	0.00	30.19
13	2253	7	CLR:00	10.00		66	18.9	47	8.3	21	-6.1	18	5	310		30.25			30.19	FM-15	0.00	30.19
13	2353	7	CLR:00	10.00		61	16.1	45	7.4	24	-4.4	24	6	260		30.25			30.19	FM-15	0.00	30.19

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

## Local Climatological Data Hourly Observations April 2018

Generated on 06/21/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visibility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0056	7	CLR:00	10.00		65	18.3	47	8.1	22	-5.6	19	9	270		30.00	1	-0.01	30.01	FM-15	0.00	29.96
10	0156	7	CLR:00	10.00		68	20.0	46	7.8	12	-11.1	11	6	300		29.99			30.00	FM-15	0.00	29.95
10	0256	7	CLR:00	10.00		63	17.2	44	6.7	15	-9.4	15	8	260		30.00			30.00	FM-15	0.00	29.96
10	0356	7	CLR:00	10.00		61	16.1	44	6.8	20	-6.7	20	6	270		30.00	6	+0.00	30.00	FM-15	0.00	29.96
10	0456	7	FEW:02 250	10.00		62	16.7	44	6.8	18	-7.8	18	6	270		30.01			30.01	FM-15	0.00	29.97
10	0556	7	FEW:02 250	10.00		60	15.6	43	6.0	16	-8.9	18	7	270		30.03			30.03	FM-15	0.00	29.99
10	0656	7	SCT:04 250	10.00		71	21.7	48	8.9	15	-9.4	12	6	280		30.04	1	-0.04	30.04	FM-15	0.00	30.00
10	0756	7	SCT:04 250	10.00		79	26.1	53	11.4	20	-6.7	11	6	280		30.04			30.05	FM-15	0.00	30.00
10	0856	7	SCT:04 250	10.00		87	30.6	55	12.7	13	-10.6	6	0	000		30.05			30.05	FM-15	0.00	30.01
10	0956	7	SCT:04 250	10.00		91	32.8	56	13.5	12	-11.1	5	7	110		30.04	8	+0.00	30.04	FM-15	0.00	30.00
10	1056	7	SCT:04 250	10.00		91	32.8	58	14.3	21	-6.1	8	8	130		30.03			30.03	FM-15	0.00	29.99
10	1156	7	SCT:04 250	10.00		94	34.4	58	14.5	16	-8.9	6	7	140		30.00			30.00	FM-15	0.00	29.96
10	1256	7	SCT:04 250	10.00		96	35.6	58	14.6	10	-12.2	4	7	VRB		29.96			29.97	FM-15	0.00	29.92
10	1356	7	SCT:04 250	10.00		97	36.1	60	15.3	18	-7.8	6	6	VRB		29.93			29.94	FM-15	0.00	29.89
10	1456	7	SCT:04 250	10.00		98	36.7	61	15.9	22	-5.6	6	8	120		29.91			29.91	FM-15	0.00	29.87
10	1556	7	SCT:04 250	10.00		97	36.1	59	14.9	12	-11.1	4	6	110		29.88	6	+0.08	29.89	FM-15	0.00	29.84
10	1656	7	SCT:04 250	10.00		97	36.1	59	14.9	12	-11.1	4	3	100		29.89			29.89	FM-15	0.00	29.85
10	1756	7	FEW:02 250	10.00		93	33.9	58	14.6	20	-6.7	7	3	140		29.89			29.89	FM-15	0.00	29.85
10	1856	7	FEW:02 250	10.00		87	30.6	57	14.0	26	-3.3	11	13	270		29.90	3	-0.02	29.91	FM-15	0.00	29.86
10	1956	7	FEW:02 200	10.00		84	28.9	56	13.6	28	-2.2	13	13	260		29.93			29.93	FM-15	0.00	29.89
10	2056	7	FEW:02 250	10.00		85	29.4	59	14.7	34	1.1	16	17	260		29.92			29.92	FM-15	0.00	29.88
10	2111	7	FEW:02 250	10.00		84	29.0	58	14.5	34	1.0	16	17	260		29.92				FM-16		29.88
10	2156	7	FEW:02 200	10.00		80	26.7	57	14.0	36	2.2	20	14	270		29.92	2	-0.02	29.93	FM-15	T	29.88
10	2256	7	CLR:00	10.00		79	26.1	55	12.9	31	-0.6	17	15	270		29.93			29.93	FM-15	0.00	29.89
10	2356	7	CLR:00	10.00		77	25.0	54	12.5	31	-0.6	18	10	240		29.90			29.91	FM-15	0.00	29.86

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

## Local Climatological Data Hourly Observations April 2018

Generated on 06/21/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visibility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0056	7	CLR:00	10.00		76	24.4	56	13.1	36	2.2	23	10	240		29.89	8	+0.03	29.90	FM-15	0.00	29.85
11	0156	7	CLR:00	10.00		72	22.2	52	10.9	29	-1.7	20	6	260		29.88			29.89	FM-15	0.00	29.84
11	0256	6	CLR:00	10.00		74	23.3	53	11.6	30	-1.1	20	3	220		29.88			29.88	FM-15	0.00	29.84
11	0356	6	CLR:00	10.00		69	20.6	51	10.4	30	-1.1	23	6	220		29.87	8	+0.02	29.87	FM-15	0.00	29.83
11	0456	6	SCT:04 250	10.00		71	21.7	52	11.4	33	0.6	25	6	250		29.88			29.88	FM-15	0.00	29.84
11	0556	6	BKN:07 250	10.00		70	21.1	51	10.5	29	-1.7	22	3	210		29.88			29.88	FM-15	0.00	29.84
11	0656	6	BKN:07 250	10.00		73	22.8	55	13.0	39	3.9	29	9	160		29.89	3	-0.02	29.89	FM-15	0.00	29.85
11	0756	6	BKN:07 250	10.00		77	25.0	58	14.5	42	5.6	29	5	190		29.90			29.91	FM-15	0.00	29.86
11	0856	6	CLR:00	9.00		82	27.8	60	15.4	41	5.0	23	3	VRB		29.91			29.92	FM-15	0.00	29.87
11	0956	6	BKN:07 250	10.00		88	31.1	62	16.4	40	4.4	18	0	000		29.93	1	-0.04	29.93	FM-15	0.00	29.89
11	1056	6	BKN:07 250	10.00		90	32.2	63	17.0	41	5.0	18	9	120		29.90			29.91	FM-15	0.00	29.86
11	1156	6	FEW:02 250	10.00		93	33.9	59	15.0	24	-4.4	8	5	VRB		29.88			29.88	FM-15	0.00	29.84
11	1256	7	FEW:02 250	10.00		95	35.0	61	16.3	31	-0.6	10	7	100		29.85	8	+0.07	29.85	FM-15	0.00	29.81
11	1356	7	FEW:02 250	10.00		98	36.7	63	17.2	33	0.6	10	13	140		29.82			29.83	FM-15	0.00	29.78
11	1456	7	FEW:02 250	10.00		101	38.3	62	16.7	24	-4.4	6	21	260		29.80			29.80	FM-15	0.00	29.76
11	1556	7	FEW:02 250	7.00		98	36.7	64	17.8	37	2.8	12	29	260	38	29.80	5	+0.05	29.80	FM-15	0.00	29.76
11	1656	7	FEW:02 250	10.00		93	33.9	60	15.8	30	-1.1	10	29	250	36	29.79			29.80	FM-15	0.00	29.75
11	1756	7	FEW:02 250	9.00		88	31.1						31	250		29.79			29.80	FM-15	0.00	29.75
11	1856	7	SCT:04 250	6.00	DU:5	83	28.3	56	13.4	28	-2.2	13	41	250	49	29.82	3	-0.02	29.82	FM-15	0.00	29.78
11	1956	7	SCT:04 250	9.00		81	27.2	59	15.2	41	5.0	24	25	250		29.86			29.87	FM-15	0.00	29.82
11	2056	7	SCT:04 250	10.00		79	26.1	59	15.0	42	5.6	27	24	230	33	29.85			29.85	FM-15	0.00	29.81
11	2156	7	SCT:04 250	10.00		76	24.4	54	12.1	30	-1.1	18	17	260		29.86	1	-0.04	29.86	FM-15	0.00	29.82
11	2256	7	CLR:00	10.00		74	23.3	53	11.4	29	-1.7	19	18	280		29.87			29.88	FM-15	0.00	29.83
11	2356	7	CLR:00	8.00		70	21.1	50	9.8	25	-3.9	18	21	280		29.87			29.88	FM-15	0.00	29.83

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

## Local Climatological Data Hourly Observations April 2018

Generated on 06/21/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0056	7	CLR:00	7.00		72	22.2	51	10.8	28	-2.2	19	22	260	30	29.88	1	-0.02	29.88	FM-15	0.00	29.84
12	0156	7	CLR:00	10.00		70	21.1	51	10.3	28	-2.2	21	23	250		29.86			29.86	FM-15	0.00	29.82
12	0256	7	CLR:00	10.00		68	20.0	52	11.0	35	1.7	30	29	250	37	29.85			29.85	FM-15	0.00	29.81
12	0356	7	CLR:00	10.00		66	18.9	52	11.1	38	3.3	36	29	250	38	29.85	5	+0.03	29.85	FM-15	0.00	29.81
12	0456	7	BKN:07 250	10.00		65	18.3	52	10.9	38	3.3	37	25	250	36	29.85			29.86	FM-15	0.00	29.81
12	0556	7	BKN:07 250	6.00	DU:5	63	17.2	51	10.6	39	3.9	41	29	250	37	29.88			29.89	FM-15	0.00	29.84
12	0656	7	BKN:07 250	6.00	DU:5	66	18.9	52	11.1	38	3.3	36	30	250		29.89	3	-0.04	29.89	FM-15	0.00	29.85
12	0756	7	FEW:02 250	6.00	DU:5	69	20.6	53	11.5	36	2.2	30	32	250	40	29.91			29.91	FM-15	0.00	29.87
12	0856	7	FEW:02 80	6.00	DU:5	74	23.3	54	12.5	35	1.7	24	28	250	33	29.92			29.92	FM-15	0.00	29.88
12	0956	7	FEW:02 44	6.00	DU:5	76	24.4	54	12.4	32	0.0	20	14	310	33	29.93	1	-0.04	29.94	FM-15	0.00	29.89
12	1027	7	BKN:07 29 OVC:08 35	3.00	DU:5	76	24.4	53	11.9	29	-1.7	18	15	300	23	29.92				FM-16		29.88
12	1037	7	BKN:07 27 BKN:07 35	2.00	DU:5	78	25.6	54	12.2	28	-2.2	16	17	290		29.92				FM-16		29.88
12	1056	7	BKN:07 25	2.00	DU:5	79	26.1	55	12.8	30	-1.1	17	16	240	23	29.92			29.92	FM-15	0.00	29.88
12	1103	7	BKN:07 25 OVC:08 33	3.00	DU:5	79	26.1	54	12.5	28	-2.2	15	20	290	25	29.92				FM-16		29.88
12	1110	7	BKN:07 30	3.00	DU:5	79	26.1	54	12.3	27	-2.8	15	17	280	28	29.92				FM-16		29.88
12	1156	7	FEW:02 80	6.00	DU:5	80	26.7	55	12.7	28	-2.2	15	16	250		29.92			29.92	FM-15	0.00	29.88
12	1206	7	FEW:02 35	6.00	DU:5	82	27.8	55	12.7	25	-3.9	12	24	270	31	29.92				FM-16		29.88
12	1256	7	FEW:02 80	9.00		82	27.8	55	13.0	27	-2.8	13	21	280	29	29.91	6	+0.02	29.92	FM-15	0.00	29.87
12	1356	7	FEW:02 80	10.00		83	28.3	55	13.0	25	-3.9	12	16	290		29.89			29.89	FM-15	T	29.85
12	1456	7	CLR:00	10.00		84	28.9	54	12.1	15	-9.4	7	21	280		29.87			29.87	FM-15	0.00	29.83
12	1556	7	CLR:00	10.00		81	27.2	55	12.6	26	-3.3	13	18	280		29.87	5	+0.04	29.88	FM-15	0.00	29.83
12	1656	7	FEW:02 80	6.00	DU:5	78	25.6	53	11.9	26	-3.3	15	24	300		29.88			29.88	FM-15	0.00	29.84
12	1756	7	FEW:02 80	7.00		74	23.3	53	11.6	30	-1.1	20	18	280		29.89			29.90	FM-15	0.00	29.85
12	1856	7	FEW:02 80	8.00		69	20.6	52	11.1	34	1.1	27	22	270		29.93	3	-0.06	29.94	FM-15	0.00	29.89
12	1956	7	FEW:02 80	10.00		68	20.0	50	10.0	29	-1.7	23	25	280	30	29.97			29.97	FM-15	0.00	29.93
12	2056	7	FEW:02 160	10.00		67	19.4	49	9.7	29	-1.7	24	13	280		30.00			30.01	FM-15	0.00	29.96
12	2156	7	SCT:04 250	10.00		64	17.8	48	8.8	28	-2.2	26	10	300		30.03	1	-0.09	30.03	FM-15	0.00	29.99
12	2256	7	CLR:00	10.00		60	15.6	45	7.4	26	-3.3	27	10	290		30.06			30.06	FM-15	0.00	30.02
12	2356	7	CLR:00	10.00		59	15.0	45	7.1	26	-3.3	28	7	100		30.09			30.10	FM-15	0.00	30.05

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -42 ft. Lat: 32.8167° N Lon: -115.6833° W  
 Station: EL CENTRO NAF, CA US 23199

## Local Climatological Data Hourly Observations April 2018

Generated on 06/21/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0056	7	CLR:00	10.00		56	13.3	42	5.8	23	-5.0	28	7	320		30.11	1	-0.08	30.11	FM-15	0.00	30.07
13	0156	7	CLR:00	10.00		55	12.8	42	5.7	24	-4.4	30	11	310		30.11			30.12	FM-15	0.00	30.07
13	0256	7	CLR:00	10.00		56	13.3	43	6.3	26	-3.3	32	10	320		30.14			30.14	FM-15	0.00	30.10
13	0356	7	CLR:00	10.00		60	15.6	44	6.5	20	-6.7	21	11	340		30.16	3	-0.06	30.17	FM-15	0.00	30.12
13	0456	7	FEW:02 250	10.00		60	15.6	45	7.3	25	-3.9	26	7	300		30.20			30.20	FM-15	0.00	30.16
13	0556	7	FEW:02 250	10.00		59	15.0	44	6.8	24	-4.4	26	14	350		30.23			30.23	FM-15	0.00	30.19
13	0656	7	CLR:00	10.00		65	18.3	47	8.5	24	-4.4	21	9	360		30.27	3	-0.11	30.28	FM-15	0.00	30.23
13	0756	7	CLR:00	10.00		70	21.1	49	9.5	22	-5.6	16	14	010		30.30			30.30	FM-15	0.00	30.26
13	0856	7	FEW:02 250	10.00		72	22.2	48	8.9	12	-11.1	10	15	340	23	30.31			30.31	FM-15	0.00	30.27
13	0956	7	FEW:02 250	10.00		73	22.8	48	8.7	6	-14.4	7	11	360		30.31	1	-0.04	30.32	FM-15	0.00	30.27
13	1056	7	CLR:00	10.00		75	23.9	49	9.6	11	-11.7	8	13	020	17	30.29			30.29	FM-15	0.00	30.25
13	1156	7	CLR:00	10.00		76	24.4	49	9.4	5	-15.0	6	13	350	25	30.28			30.29	FM-15	0.00	30.24
13	1256	7	CLR:00	10.00		78	25.6	50	10.0	5	-15.0	6	15	010	22	30.26	6	+0.05	30.27	FM-15	0.00	30.22
13	1356	7	CLR:00	10.00		79	26.1	50	10.1	2	-16.7	5	11	340	21	30.25			30.25	FM-15	0.00	30.21
13	1456	7	CLR:00	10.00		80	26.7	50	10.2	0	-17.8	4	13	360		30.22			30.22	FM-15	0.00	30.18
13	1556	7	CLR:00	10.00		80	26.7	50	10.2	0	-17.8	4	5	VRB		30.20	8	+0.06	30.21	FM-15	0.00	30.16
13	1656	7	CLR:00	10.00		80	26.7	51	10.3	1	-17.2	4	8	340		30.19			30.20	FM-15	0.00	30.15
13	1756	7	CLR:00	10.00		76	24.4	49	9.5	7	-13.9	7	5	330		30.19			30.20	FM-15	0.00	30.15
13	1856	7	CLR:00	10.00		71	21.7	47	8.1	5	-15.0	7	6	360		30.21	3	-0.01	30.21	FM-15	0.00	30.17
13	1956	7	CLR:00	10.00		68	20.0	46	7.6	10	-12.2	10	6	320		30.22			30.23	FM-15	0.00	30.18
13	2056	7	CLR:00	10.00		73	22.8	48	9.0	10	-12.2	9	3	300		30.25			30.25	FM-15	0.00	30.21
13	2156	7	CLR:00	10.00		66	18.9	45	7.2	11	-11.7	11	7	240		30.25	1	-0.04	30.26	FM-15	0.00	30.21
13	2256	7	CLR:00	10.00		68	20.0	47	8.2	16	-8.9	13	5	300		30.25			30.26	FM-15	0.00	30.21
13	2356	7	CLR:00	10.00		57	13.9	42	5.3	17	-8.3	21	8	250		30.25			30.26	FM-15	0.00	30.21

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: **PALM SPRINGS ASOS, CA US 93138**

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0053	7	CLR:00	10.00		76	24.4	51	10.6	20	-6.7	12	9	330		29.52	1	-0.00	29.99	FM-15	0.00	30.00
10	0153	7	CLR:00	10.00		74	23.3	50	10.2	21	-6.1	14	10	330		29.51			29.98	FM-15	0.00	29.99
10	0253	7	CLR:00	10.00		75	23.9	51	10.5	21	-6.1	13	7	320		29.51			29.97	FM-15	0.00	29.99
10	0353	7	CLR:00	10.00		70	21.1	49	9.5	23	-5.0	17	7	330		29.51	5	+0.01	29.98	FM-15	0.00	29.99
10	0453	7	CLR:00	10.00		70	21.1	50	9.8	25	-3.9	18	0	000		29.51			29.98	FM-15	0.00	29.99
10	0553	7	CLR:00	10.00		74	23.3	51	10.4	22	-5.6	14	10	320		29.53			30.00	FM-15	0.00	30.01
10	0653	7	CLR:00	10.00		76	24.4	52	11.3	25	-3.9	15	7	340		29.54	2	-0.03	30.00	FM-15	0.00	30.02
10	0753	7	CLR:00	10.00		83	28.3	56	13.2	27	-2.8	13	0	000		29.54			30.01	FM-15	0.00	30.02
10	0853	7	CLR:00	10.00		87	30.6	57	13.8	25	-3.9	10	0	000		29.53			30.00	FM-15	0.00	30.01
10	0953	7	CLR:00	10.00		91	32.8	56	13.5	13	-10.6	5	0	000		29.53	8	+0.01	30.00	FM-15	0.00	30.01
10	1053	7	CLR:00	10.00		95	35.0	58	14.4	13	-10.6	5	5	090		29.51			29.98	FM-15	0.00	29.99
10	1153	7	CLR:00	10.00		98	36.7	59	15.1	13	-10.6	4	7	120	17	29.48			29.95	FM-15	0.00	29.96
10	1200	7	CLR:00	10.00		98	36.7	59	15.0	12	-11.1	4	9	120	17	29.48				FM-16		29.96
10	1253	7	CLR:00	10.00		99	37.2	60	15.4	15	-9.4	5	9	120		29.45	8	+0.07	29.92	FM-15	0.00	29.93
10	1353	7	CLR:00	10.00		100	37.8	60	15.6	15	-9.4	4	11	100		29.43			29.90	FM-15	0.00	29.91
10	1453	7	CLR:00	10.00		99	37.2	60	15.6	18	-7.8	5	9	130		29.40			29.87	FM-15	0.00	29.88
10	1553	7	CLR:00	10.00		99	37.2	60	15.7	19	-7.2	5	9	080		29.38	6	+0.07	29.85	FM-15	0.00	29.86
10	1653	7	CLR:00	10.00		97	36.1	60	15.4	20	-6.7	6	10	110		29.38			29.85	FM-15	0.00	29.86
10	1753	7	CLR:00	10.00		94	34.4	59	14.8	21	-6.1	7	8	100		29.38			29.85	FM-15	0.00	29.86
10	1809	7	CLR:00	10.00		93	33.9	58	14.6	21	-6.1	7	5	VRB		29.38				FM-16		29.86
10	1853	7	CLR:00	10.00		92	33.3	58	14.6	23	-5.0	8	7	270		29.39	3	-0.00	29.85	FM-15	0.00	29.87
10	1953	6	CLR:00	10.00		90	32.2	58	14.7	27	-2.8	10	8	070		29.40			29.87	FM-15	0.00	29.88
10	2053	6	CLR:00	10.00		85	29.4	57	14.0	30	-1.1	14	0	000		29.41			29.88	FM-15	0.00	29.89
10	2153	7	CLR:00	10.00		88	31.1	59	14.8	31	-0.6	13	6	360		29.41	0	-0.02	29.88	FM-15	0.00	29.89
10	2253	7	CLR:00	10.00		80	26.7	57	13.9	36	2.2	20	0	000		29.40			29.86	FM-15	0.00	29.88
10	2353	7	CLR:00	10.00		79	26.1	56	13.5	35	1.7	20	7	160		29.39			29.85	FM-15	0.00	29.87

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0053	7	CLR:00	10.00		78	25.6	56	13.5	36	2.2	22	0	000		29.38	6	+0.03	29.85	FM-15	0.00	29.86
11	0153	7	CLR:00	10.00		75	23.9	57	13.8	41	5.0	29	5	030		29.37			29.84	FM-15	0.00	29.85
11	0253	6	CLR:00	10.00		73	22.8	55	12.7	38	3.3	28	3	200		29.37			29.83	FM-15	0.00	29.85
11	0353	6	CLR:00	10.00		73	22.8	55	12.5	37	2.8	27	3	230		29.36	6	+0.02	29.83	FM-15	0.00	29.84
11	0453	6	CLR:00	10.00		71	21.7	54	12.3	38	3.3	30	5	340		29.36			29.83	FM-15	0.00	29.84
11	0553	6	CLR:00	10.00		69	20.6	53	11.8	38	3.3	32	0	000		29.36			29.83	FM-15	0.00	29.84
11	0653	6	CLR:00	10.00		74	23.3	55	13.0	38	3.3	27	0	000		29.38	3	-0.01	29.83	FM-15	0.00	29.86
11	0753	6	CLR:00	10.00		79	26.1	57	14.1	38	3.3	23	7	150		29.40			29.87	FM-15	0.00	29.88
11	0853	6	CLR:00	10.00		85	29.4	59	14.8	35	1.7	17	5	100		29.40			29.87	FM-15	0.00	29.88
11	0953	6	CLR:00	10.00		89	31.7	59	14.9	30	-1.1	12	6	VRB		29.39	0	-0.01	29.85	FM-15	0.00	29.87
11	1053	6	CLR:00	10.00		93	33.9	60	15.4	28	-2.2	10	0	000		29.38			29.84	FM-15	0.00	29.86
11	1153	6	CLR:00	10.00		95	35.0	60	15.3	24	-4.4	8	5	180		29.36			29.83	FM-15	0.00	29.84
11	1253	7		10.00		98	36.7	61	16.2	26	-3.3	8				29.34	8	+0.06	29.80	FM-15	0.00	29.82
11	1353	7	CLR:00	10.00		98	36.7	61	16.0	24	-4.4	7	20	330	28	29.30			29.77	FM-15	0.00	29.78
11	1453	7	CLR:00	10.00		96	35.6	60	15.8	26	-3.3	8	8	VRB	18	29.28			29.74	FM-15	0.00	29.76
11	1553	7	CLR:00	10.00		97	36.1	61	16.0	26	-3.3	8	14	110	22	29.25	6	+0.08	29.72	FM-15	0.00	29.73
11	1653	7	CLR:00	10.00		93	33.9	60	15.8	31	-0.6	11	11	VRB		29.25			29.72	FM-15	0.00	29.73
11	1753	7	CLR:00	10.00		87	30.6	61	16.3	41	5.0	20	7	350	18	29.27			29.74	FM-15	0.00	29.75
11	1832	7	CLR:00	10.00		84	28.9	59	14.8	36	2.2	18	25	190	39	29.27				FM-16		29.75
11	1853	7	CLR:00	10.00		83	28.3	58	14.6	36	2.2	19	14	200	38	29.30	3	-0.05	29.77	FM-15	0.00	29.78
11	1953	7	CLR:00	10.00		82	27.8	58	14.2	35	1.7	18	17	330	22	29.33			29.80	FM-15	0.00	29.81
11	2037	7	CLR:00	10.00		78	25.6	57	14.1	39	3.9	25	25	290	37	29.33				FM-16		29.81
11	2053	7	CLR:00	10.00		78	25.6	57	14.1	39	3.9	25	10	310	33	29.34			29.81	FM-15	0.00	29.82
11	2153	7	CLR:00	10.00		76	24.4	57	13.6	39	3.9	26	13	320		29.34	0	-0.04	29.80	FM-15	0.00	29.82
11	2253	7	CLR:00	10.00		74	23.3	57	13.8	42	5.6	32	16	340	26	29.33			29.80	FM-15	0.00	29.81
11	2353	7	CLR:00	10.00		72	22.2	56	13.1	41	5.0	33	7	350		29.33			29.80	FM-15	0.00	29.81

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						AU   AW   MW	(F)	(C)	(F)	(C)	(F)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0053	7	CLR:00	10.00		68	20.0	54	12.4	42	5.6	39	3	160		29.31	8	+0.02	29.78	FM-15	0.00	29.79
12	0153	7	CLR:00	10.00		69	20.6	55	12.9	43	6.1	39	3	050		29.29			29.75	FM-15	0.00	29.77
12	0253	7	CLR:00	10.00		67	19.4	54	12.0	41	5.0	39	0	000		29.27			29.74	FM-15	0.00	29.75
12	0353	7	CLR:00	10.00		65	18.3	52	11.3	40	4.4	40	5	110		29.26	6	+0.05	29.73	FM-15	0.00	29.74
12	0453	7	CLR:00	10.00		64	17.8	53	11.5	42	5.6	45	6	VRB		29.26			29.73	FM-15	0.00	29.74
12	0553	7	CLR:00	10.00		67	19.4	51	10.5	34	1.1	30	6	VRB		29.26			29.73	FM-15	0.00	29.74
12	0653	7	CLR:00	10.00		70	21.1	51	10.7	31	-0.6	23	15	090	20	29.28	3	-0.01	29.75	FM-15	0.00	29.76
12	0753	7	CLR:00	10.00		74	23.3	52	11.2	28	-2.2	18	22	090	30	29.29			29.76	FM-15	0.00	29.77
12	0853	7	CLR:00	10.00		75	23.9	53	11.4	28	-2.2	18	22	110		29.32			29.79	FM-15	0.00	29.80
12	0953	7	CLR:00	10.00		78	25.6	53	11.7	25	-3.9	14	18	130	29	29.34	3	-0.06	29.81	FM-15	0.00	29.82
12	1014	7	CLR:00	10.00		79	26.1	53	11.4	21	-6.1	11	10	040	29	29.35				FM-16		29.83
12	1053	7	CLR:00	10.00		80	26.7	53	11.7	21	-6.1	11				29.36			29.83	FM-15	0.00	29.84
12	1153	7	CLR:00	10.00		81	27.2	53	11.9	21	-6.1	11				29.36			29.83	FM-15	0.00	29.84
12	1253	7	SCT:04 60	10.00		82	27.8	55	12.6	25	-3.9	12	28s	320	41	29.36	0	-0.01	29.83	FM-15	0.00	29.84
12	1339	7	CLR:00	10.00	SQ:2  SQ	81	27.2	56	13.3	31	-0.6	16	26	330	41	29.37				FM-16		29.85
12	1353	7	SCT:04 60	10.00		80	26.7	55	12.9	30	-1.1	16	13	VRB	41	29.35			29.82	FM-15	0.00	29.83
12	1453	7	CLR:00	10.00		82	27.8	54	12.5	24	-4.4	12	24	290	44	29.36			29.83	FM-15	0.00	29.84
12	1553	7	SCT:04 70	10.00		79	26.1	53	11.5	22	-5.6	12	29	330	37	29.37	3	-0.01	29.84	FM-15	0.00	29.85
12	1653	7	CLR:00	10.00		80	26.7	52	11.2	17	-8.3	9	18	320	31	29.36			29.83	FM-15	0.00	29.84
12	1753	7	CLR:00	10.00		77	25.0	50	9.8	10	-12.2	8	39	330	45	29.38			29.85	FM-15	0.00	29.86
12	1853	7	CLR:00	10.00		74	23.3	48	9.1	10	-12.2	8	24	300	37	29.42	3	-0.05	29.89	FM-15	0.00	29.90
12	1953	7	CLR:00	10.00		72	22.2	48	8.8	13	-10.6	10	18	300	30	29.47			29.94	FM-15	0.00	29.95
12	2053	7	CLR:00	10.00		71	21.7	47	8.5	12	-11.1	10	18	310	26	29.48			29.95	FM-15	0.00	29.96
12	2153	7	CLR:00	10.00		67	19.4	46	7.7	15	-9.4	13	21	320	31	29.52	1	-0.10	29.99	FM-15	0.00	30.00
12	2253	7	CLR:00	10.00		67	19.4	47	8.2	19	-7.2	16	15	320	26	29.54			30.03	FM-15	0.00	30.03
12	2353	7	CLR:00	10.00		65	18.3	46	7.5	18	-7.8	16	0	000		29.59			30.07	FM-15	0.00	30.08

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 409 ft. Lat: 33.8222° N Lon: -116.5043° W  
 Station: PALM SPRINGS ASOS, CA US 93138

## Local Climatological Data Hourly Observations April 2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/07/2018

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0053	7	CLR:00	10.00		63	17.2	45	7.4	21	-6.1	20	0	000		29.62	1	-0.12	30.11	FM-15	0.00	30.11
13	0153	7	CLR:00	10.00		61	16.1	44	6.9	21	-6.1	21	5	190		29.65			30.12	FM-15	0.00	30.13
13	0253	7	CLR:00	10.00		65	18.3	44	6.6	9	-12.8	11	7	340		29.67			30.15	FM-15	0.00	30.16
13	0353	7	CLR:00	10.00		66	18.9	44	6.8	8	-13.3	10	3	VRB	18	29.69	3	-0.06	30.17	FM-15	0.00	30.18
13	0453	7	CLR:00	10.00		63	17.2	43	6.2	10	-12.2	12	6	150		29.71			30.19	FM-15	0.00	30.20
13	0553	7	CLR:00	10.00		62	16.7	43	6.1	12	-11.1	14	0	000		29.74			30.22	FM-15	0.00	30.23
13	0653	7	CLR:00	10.00		67	19.4	45	7.1	8	-13.3	10	8	VRB		29.77	3	-0.09	30.26	FM-15	0.00	30.26
13	0753	7	CLR:00	10.00		69	20.6	46	7.7	9	-12.8	9	10	030	20	29.79			30.28	FM-15	0.00	30.28
13	0853	7	CLR:00	10.00		71	21.7	47	8.2	8	-13.3	8	5	VRB		29.80			30.28	FM-15	0.00	30.29
13	0953	7	CLR:00	10.00		74	23.3	48	8.9	6	-14.4	7	6	050		29.79	0	-0.01	30.27	FM-15	0.00	30.28
13	1053	7	CLR:00	10.00		74	23.3	48	9.0	8	-13.3	8	0	000		29.77			30.26	FM-15	0.00	30.26
13	1153	7	CLR:00	10.00		80	26.7	50	10.2	2	-16.7	5	5	VRB		29.75			30.23	FM-15	0.00	30.24
13	1253	7	CLR:00	10.00		80	26.7	51	10.3	4	-15.6	5	5	VRB		29.73	6	+0.06	30.22	FM-15	0.00	30.22
13	1353	7	CLR:00	10.00		84	28.9	52	11.2	2	-16.7	4	5	VRB	20	29.71			30.19	FM-15	0.00	30.20
13	1453	7	CLR:00	10.00		84	28.9	52	11.2	2	-16.7	4	13	060		29.69			30.17	FM-15	0.00	30.18
13	1553	7	CLR:00	10.00		85	29.4	53	11.5	2	-16.7	4	14	050	17	29.67	6	+0.06	30.15	FM-15	0.00	30.16
13	1653	7	CLR:00	10.00		83	28.3	52	11.0	2	-16.7	4	6	060		29.68			30.16	FM-15	0.00	30.17
13	1753	7	CLR:00	10.00		80	26.7	50	10.2	3	-16.1	5	8	250		29.69			30.17	FM-15	0.00	30.18
13	1853	7	CLR:00	10.00		78	25.6	50	9.8	5	-15.0	6	6	040		29.71	3	-0.04	30.19	FM-15	0.00	30.20
13	1953	7	CLR:00	10.00		76	24.4	49	9.4	7	-13.9	7	0	000		29.73			30.22	FM-15	0.00	30.22
13	2053	7	CLR:00	10.00		72	22.2	48	9.0	14	-10.0	11	6	210		29.75			30.23	FM-15	0.00	30.24
13	2153	7	CLR:00	10.00		73	22.8	48	9.0	11	-11.7	9	7	230		29.74	0	-0.03	30.22	FM-15	0.00	30.23
13	2253	7	CLR:00	10.00		73	22.8	48	8.9	10	-12.2	9	6	250		29.73			30.22	FM-15	0.00	30.22
13	2353	7	CLR:00	10.00		72	22.2	48	8.8	12	-11.1	10	5	260		29.73			30.21	FM-15	0.00	30.22

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0052	7	CLR:00	10.00		69	20.6	50	9.8	26	-3.3	20	9	360		30.06	0	-0.00	29.93	FM-15	0.00	29.93
10	0152	7	CLR:00	10.00		57	13.9	46	7.8	33	0.6	41	0	000		30.06			29.93	FM-15	0.00	29.93
10	0252	7	CLR:00	10.00		64	17.8	48	8.6	27	-2.8	25	8	020		30.06			29.93	FM-15	0.00	29.93
10	0352	7	CLR:00	10.00		60	15.6	45	7.4	26	-3.3	27	3	350		30.06	3	-0.00	29.94	FM-15	0.00	29.93
10	0452	7	CLR:00	10.00		53	11.7	44	6.5	32	0.0	45	3	290		30.06			29.95	FM-15	0.00	29.94
10	0552	7	CLR:00	10.00		58	14.4	47	8.3	34	1.1	41	5	320		30.07			29.96	FM-15	0.00	29.95
10	0652	7	CLR:00	10.00		72	22.2	53	11.5	32	0.0	23	0	000		30.09	3	-0.03	29.97	FM-15	0.00	29.96
10	0752	7	CLR:00	10.00		82	27.8	56	13.3	29	-1.7	14	5	330		30.09			29.97	FM-15	0.00	29.97
10	0852	7	CLR:00	10.00		90	32.2	59	14.8	27	-2.8	10	7	350		30.09			29.97	FM-15	0.00	29.96
10	0952	7	CLR:00	10.00		95	35.0	58	14.5	12	-11.1	5	5	340		30.07	8	+0.01	29.96	FM-15	0.00	29.95
10	1052	7	CLR:00	10.00		97	36.1	59	15.0	13	-10.6	4	5	VRB		30.06			29.95	FM-15	0.00	29.94
10	1152	7	CLR:00	10.00		101	38.3	60	15.8	12	-11.1	4	9	150		30.03			29.91	FM-15	0.00	29.91
10	1252	7	CLR:00	10.00		101	38.3	60	15.7	10	-12.2	3	10	VRB	17	30.01	8	+0.06	29.89	FM-15	0.00	29.89
10	1352	7	CLR:00	10.00		102	38.9	61	16.0	11	-11.7	3	10	150		29.98			29.87	FM-15	0.00	29.86
10	1452	7	CLR:00	10.00		101	38.3	60	15.8	12	-11.1	4	10	160		29.96			29.84	FM-15	0.00	29.83
10	1552	7	CLR:00	10.00		100	37.8	60	15.5	11	-11.7	4	9	140		29.93	6	+0.07	29.82	FM-15	0.00	29.81
10	1652	7	CLR:00	10.00		98	36.7	59	15.1	12	-11.1	4	9	150		29.93			29.82	FM-15	0.00	29.81
10	1752	7	CLR:00	10.00		89	31.7	57	13.7	20	-6.7	8	6	130		29.93			29.81	FM-15	0.00	29.81
10	1852	7	CLR:00	10.00		86	30.0	56	13.5	24	-4.4	10	5	300		29.94	5	+0.00	29.82	FM-15	0.00	29.82
10	1952	6	CLR:00	10.00		80	26.7	55	12.6	27	-2.8	14	3	350		29.96			29.84	FM-15	0.00	29.83
10	2052	6	CLR:00	10.00		83	28.3	56	13.5	29	-1.7	14	8	320		29.96			29.87	FM-15	0.00	29.84
10	2152	7	CLR:00	10.00		86	30.0	59	14.8	33	0.6	15	10	330		29.96	0	-0.02	29.84	FM-15	0.00	29.84
10	2252	7	CLR:00	10.00		83	28.3	58	14.5	35	1.7	18	8	330		29.94			29.83	FM-15	0.00	29.82
10	2352	7	CLR:00	10.00		80	26.7	58	14.2	37	2.8	21	10	340		29.92			29.81	FM-15	0.00	29.80

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

## Local Climatological Data Hourly Observations April 2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Generated on 08/07/2018

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0052	7	CLR:00	10.00		82	27.8	58	14.4	36	2.2	19	8	300		29.92	6	+0.04	29.81	FM-15	0.00	29.80
11	0152	7	CLR:00	10.00		78	25.6	57	13.7	37	2.8	23	5	290		29.92			29.80	FM-15	0.00	29.80
11	0252	6	CLR:00	10.00		67	19.4	53	11.6	39	3.9	36	5	140		29.92			29.80	FM-15	0.00	29.80
11	0352	6	CLR:00	10.00		63	17.2	52	10.8	40	4.4	43	7	110		29.91	8	+0.01	29.80	FM-15	0.00	29.79
11	0452	6	CLR:00	10.00		63	17.2	52	11.3	42	5.6	47	3	VRB		29.92			29.80	FM-15	0.00	29.80
11	0552	6	CLR:00	10.00		63	17.2	52	11.1	41	5.0	45	0	000		29.91			29.80	FM-15	0.00	29.79
11	0652	6	CLR:00	10.00		74	23.3	58	14.5	45	7.2	36	0	000		29.94	3	-0.03	29.82	FM-15	0.00	29.82
11	0752	6	CLR:00	10.00		80	26.7	62	16.5	48	8.9	33	3	260		29.96			29.84	FM-15	0.00	29.84
11	0852	6	CLR:00	10.00		88	31.1	60	15.7	36	2.2	16	0	000		29.96			29.85	FM-15	0.00	29.84
11	0952	6	CLR:00	10.00		93	33.9	61	16.0	31	-0.6	11	6	VRB		29.96	0	-0.01	29.83	FM-15	0.00	29.83
11	1052	6	CLR:00	10.00		95	35.0	62	16.6	33	0.6	11	10	130		29.92			29.81	FM-15	0.00	29.80
11	1152	6	CLR:00	10.00		97	36.1	63	17.5	36	2.2	12	8	130		29.91			29.79	FM-15	0.00	29.79
11	1252	7	CLR:00	10.00		99	37.2	63	17.3	32	0.0	9	6	VRB		29.89	6	+0.06	29.78	FM-15	0.00	29.77
11	1352	7	CLR:00	10.00		100	37.8	63	17.2	30	-1.1	8	5	VRB		29.86			29.74	FM-15	0.00	29.74
11	1445	7	CLR:00	4.00	HZ:7  FU  HZ	103	39.4	62	16.6	18	-7.8	5	23	270	34	29.83				FM-16		29.71
11	1452	7	CLR:00	4.00	HZ:7  FU  HZ	102	38.9	62	16.6	21	-6.1	5	22	250	34	29.83			29.71	FM-15	0.00	29.71
11	1512	7	FEW:02 4	3.00	HZ:7  FU  HZ	101	38.3	62	16.5	22	-5.6	6	20	270	41	29.82				FM-16		29.70
11	1552	7	CLR:00	10.00		99	37.2	60	15.8	19	-7.2	5	18	250	32	29.81	6	+0.08	29.70	FM-15	0.00	29.69
11	1652	7	CLR:00	4.00	HZ:7  FU  HZ	94	34.4	60	15.6	27	-2.8	9	26	270	39	29.80			29.69	FM-15	0.00	29.68
11	1707	7	FEW:02 6	2.50	HZ:7  FU  HZ	93	33.9	61	15.9	31	-0.6	11	25	290	37	29.80				FM-16		29.68
11	1716	7	FEW:02 6	3.00	HZ:7  FU  HZ	93	33.9	61	16.4	34	1.1	12	28	280	39	29.79				FM-16		29.67
11	1723	7	SCT:04 4	1.75V	HZ:7  FU  HZ	92	33.3	62	16.5	36	2.2	14	29	280	39	29.79				FM-16		29.67
11	1732	7	BKN:07 4	1.25	HZ:7  FU  HZ	91	32.8	62	16.8	39	3.9	16	26	280	38	29.79				FM-16		29.67
11	1752	7	SCT:04 4	2.50	HZ:7  FU  HZ	89	31.7						30	290	41	29.80			29.69	FM-15	0.00	29.68
11	1801	7	FEW:02 4	4.00	HZ:7  FU  HZ	89	31.7						24	290	36	29.81				FM-16		29.69
11	1852	7	FEW:02 8	6.00	HZ:7  FU  HZ	86	30.0	60	15.5	37	2.8	18	25	270	40	29.84	3	-0.03	29.72	FM-15	0.00	29.72
11	1952	7	CLR:00	9.00		85	29.4						22	290	34	29.86			29.74	FM-15	0.00	29.74
11	2016	7	CLR:00	10.00		83	28.3	60	15.4	40	4.4	22	25	330	33	29.87				FM-16		29.75
11	2052	7	CLR:00	10.00		80	26.7	59	14.8	40	4.4	24	21	350	30	29.87			29.76	FM-15	0.00	29.75
11	2152	7	CLR:00	10.00		78	25.6	59	14.7	42	5.6	28	24	350	33	29.88	1	-0.05	29.77	FM-15	0.00	29.76
11	2252	7	CLR:00	10.00		75	23.9	58	14.3	43	6.1	32	9	340		29.91			29.79	FM-15	0.00	29.79
11	2352	7	CLR:00	10.00		73	22.8	58	14.6	46	7.8	38	15	350		29.91			29.79	FM-15	0.00	29.79

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0052	7	CLR:00	10.00		71	21.7	57	13.9	45	7.2	39	0	000		29.89	0	-0.01	29.78	FM-15	0.00	29.77
12	0152	7	CLR:00	10.00		71	21.7	54	11.9	36	2.2	28	9	330		29.87			29.75	FM-15	0.00	29.75
12	0252	7	CLR:00	10.00		69	20.6	54	12.3	40	4.4	35	8	350		29.87			29.75	FM-15	0.00	29.75
12	0352	7	CLR:00	10.00		69	20.6	54	12.3	40	4.4	35	14	330		29.86	6	+0.03	29.75	FM-15	0.00	29.74
12	0452	7	CLR:00	10.00		67	19.4	54	12.0	41	5.0	39	21	330		29.87			29.75	FM-15	0.00	29.75
12	0552	7	CLR:00	8.00		68	20.0	53	11.6	38	3.3	33	23	330		29.87			29.76	FM-15	0.00	29.75
12	0652	7	CLR:00	7.00		70	21.1	54	12.1	38	3.3	31	18	310		29.91	3	-0.05	29.82	FM-15	0.00	29.79
12	0752	7	CLR:00	8.00		73	22.8	54	12.4	36	2.2	26	18	310		29.92			29.80	FM-15	0.00	29.80
12	0852	7	CLR:00	10.00		77	25.0	55	12.8	33	0.6	20	18	320		29.94			29.83	FM-15	0.00	29.82
12	0952	7	SCT:04 21	5.00	HZ:7  FU  HZ	79	26.1	56	13.3	33	0.6	19	26	320	34	29.94	1	-0.03	29.83	FM-15	0.00	29.82
12	1052	7	CLR:00	10.00		81	27.2	56	13.1	29	-1.7	15	23	340	31	29.96			29.86	FM-15	0.00	29.83
12	1152	7	CLR:00	10.00		83	28.3	57	14.0	32	0.0	16	21	350	32	29.94			29.86	FM-15	0.00	29.82
12	1252	7	CLR:00	10.00		84	28.9	57	13.7	29	-1.7	13	25	350	36	29.93	8	+0.01	29.85	FM-15	0.00	29.81
12	1352	7	CLR:00	10.00		84	28.9	56	13.6	28	-2.2	13	25	340	34	29.92			29.83	FM-15	0.00	29.80
12	1452	7	CLR:00	9.00		85	29.4	57	14.0	29	-1.7	13	24	340	34	29.91			29.79	FM-15	0.00	29.79
12	1552	7	CLR:00	10.00		84	28.9	56	13.3	26	-3.3	12	17	310	28	29.92	5	+0.01	29.81	FM-15	0.00	29.80
12	1652	7	CLR:00	10.00		81	27.2	55	12.5	25	-3.9	13	20	330	28	29.93			29.81	FM-15	0.00	29.81
12	1752	7	CLR:00	10.00		77	25.0	52	11.0	21	-6.1	12	18	350	30	29.94			29.83	FM-15	0.00	29.82
12	1852	7	CLR:00	10.00		76	24.4	50	10.1	14	-10.0	9	22	320	29	29.99	3	-0.06	29.87	FM-15	0.00	29.87
12	1952	7	CLR:00	10.00		73	22.8	48	9.1	12	-11.1	9	14	340		30.03			29.91	FM-15	0.00	29.91
12	2052	7	CLR:00	10.00		71	21.7	48	8.7	13	-10.6	10	15	350	23	30.06			29.93	FM-15	0.00	29.93
12	2152	7	CLR:00	10.00		70	21.1	47	8.4	13	-10.6	11	9	350		30.09	3	-0.11	29.97	FM-15	0.00	29.97
12	2252	7	CLR:00	10.00		67	19.4	46	7.8	15	-9.4	13	10	280		30.12			30.01	FM-15	0.00	30.00
12	2352	7	CLR:00	10.00		66	18.9	46	8.0	19	-7.2	16	11	290		30.16			30.03	FM-15	0.00	30.03

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: -118 ft. Lat: 33.6267° N Lon: -116.1594° W  
 Station: DESERT RESORTS REGIONAL AIRPORT, CA US 03104

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0052	7	CLR:00	10.00		67	19.4	47	8.1	17	-8.3	15	10	300		30.19	1	-0.09	30.06	FM-15	0.00	30.06
13	0152	7	CLR:00	10.00		66	18.9	46	7.8	17	-8.3	15	10	320		30.21			30.08	FM-15	0.00	30.08
13	0252	7	CLR:00	10.00		66	18.9	45	7.4	13	-10.6	13	13	320		30.22			30.11	FM-15	0.00	30.10
13	0352	7	CLR:00	10.00		65	18.3	44	6.9	11	-11.7	12	15	330		30.26	3	-0.06	30.13	FM-15	0.00	30.13
13	0452	7	CLR:00	10.00		67	19.4	45	7.4	10	-12.2	11	14	340		30.29			30.16	FM-15	0.00	30.16
13	0552	7	CLR:00	10.00		63	17.2	44	6.6	13	-10.6	14	7	330		30.31			30.19	FM-15	0.00	30.18
13	0652	7	CLR:00	10.00		69	20.6	47	8.3	14	-10.0	12	9	310		30.35	3	-0.10	30.22	FM-15	0.00	30.22
13	0752	7	CLR:00	10.00		73	22.8	48	8.9	9	-12.8	8	15	300		30.37			30.24	FM-15	0.00	30.24
13	0852	7	CLR:00	10.00		75	23.9	49	9.3	6	-14.4	7	15	330		30.37			30.25	FM-15	0.00	30.25
13	0952	7	CLR:00	10.00		78	25.6	50	9.9	3	-16.1	5	14	320		30.37	0	-0.01	30.24	FM-15	0.00	30.24
13	1052	7	CLR:00	10.00		79	26.1	51	10.3	6	-14.4	6	10	290	21	30.35			30.22	FM-15	0.00	30.22
13	1152	7	CLR:00	10.00		82	27.8	52	11.0	4	-15.6	5	16	310	22	30.32			30.19	FM-15	0.00	30.19
13	1252	7	CLR:00	10.00		84	28.9	52	11.3	0	-17.8	4	9	300	20	30.31	6	+0.05	30.19	FM-15	0.00	30.18
13	1352	7	CLR:00	10.00		84	28.9	52	11.3	-1	-18.3	4	7	280		30.29			30.16	FM-15	0.00	30.16
13	1452	7	CLR:00	10.00		86	30.0	53	11.8	-1	-18.3	3	8	320	17	30.26			30.14	FM-15	0.00	30.13
13	1552	7	CLR:00	10.00		86	30.0	53	11.8	1	-17.2	4	13	010	22	30.24	6	+0.06	30.12	FM-15	0.00	30.12
13	1652	7	CLR:00	10.00		84	28.9	52	11.4	2	-16.7	4	13	010		30.26			30.13	FM-15	0.00	30.13
13	1752	7	CLR:00	10.00		82	27.8	52	10.9	3	-16.1	5	13	360		30.26			30.13	FM-15	0.00	30.13
13	1852	7	CLR:00	10.00		77	25.0	50	9.8	6	-14.4	6	7	020		30.27	3	-0.03	30.15	FM-15	0.00	30.15
13	1952	7	CLR:00	10.00		75	23.9	49	9.5	10	-12.2	8	5	310		30.29			30.16	FM-15	0.00	30.16
13	2052	7	CLR:00	10.00		74	23.3	49	9.3	10	-12.2	8	7	320		30.31			30.19	FM-15	0.00	30.18
13	2152	7	CLR:00	10.00		68	20.0	46	8.0	14	-10.0	12	8	340		30.31	0	-0.03	30.18	FM-15	0.00	30.18
13	2252	7	CLR:00	10.00		65	18.3	46	7.5	17	-8.3	16	0	000		30.29			30.17	FM-15	0.00	30.17
13	2352	7	CLR:00	10.00		57	13.9	41	5.2	16	-8.9	20	0	000		30.31			30.18	FM-15	0.00	30.18

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation)	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
					AU   AW   MW	(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
10	0057	6		10.00									7	340		29.71				FM-15	0.00	29.94
10	0157	6		10.00									6	340		29.71	1	-0.01		FM-15	0.00	29.94
10	0257	6	CLR:00	10.00		72	22.2	49	9.4	18	-7.8	13	0	000		29.71			29.93	FM-15	0.00	29.94
10	0357	6	CLR:00	10.00		70	21.1	48	9.0	19	-7.2	14	3	360		29.70			29.92	FM-15	0.00	29.93
10	0457	6	CLR:00	10.00		69	20.6	48	8.6	18	-7.8	14	3	350		29.72	5	+0.00	29.93	FM-15	0.00	29.95
10	0557	6	CLR:00	10.00		68	20.0	47	8.3	17	-8.3	14	3	340		29.73			29.95	FM-15	0.00	29.96
10	0657	6	FEW:02 250	7.00		67	19.4	47	8.5	21	-6.1	17	3	020		29.74			29.96	FM-15	0.00	29.97
10	0757	6	FEW:02 250	7.00		75	23.9	51	10.4	20	-6.7	12	0	000		29.75	2	-0.04	29.97	FM-15	0.00	29.98
10	0857	6	FEW:02 250	7.00		79	26.1	53	11.5	21	-6.1	11	6	030		29.76			29.98	FM-15	0.00	29.99
10	0957	6	FEW:02 250	7.00		85	29.4	56	13.4	25	-3.9	11	6	350		29.76			29.98	FM-15	0.00	29.99
10	1057	6	SCT:04 250	7.00		90	32.2	58	14.5	25	-3.9	9	5	VRB		29.76	0	-0.01	29.98	FM-15	0.00	29.99
10	1157	6	SCT:04 250	7.00		93	33.9	59	14.8	22	-5.6	7	5	010		29.75				FM-15	0.00	29.98
10	1257	6	SCT:04 250	7.00		94	34.4	59	15.2	24	-4.4	8	6	290		29.73				FM-15	0.00	29.96
10	1357	6	BKN:07 250	7.00		96	35.6	60	15.7	25	-3.9	8	10	270		29.70	8	+0.06		FM-15	0.00	29.93
10	1457	6	SCT:04 250	7.00		96	35.6	59	15.2	20	-6.7	6	3	VRB		29.68			29.90	FM-15	0.00	29.91
10	1557	6	SCT:04 250	7.00		97	36.1	60	15.5	21	-6.1	6	6	300		29.64			29.86	FM-15	0.00	29.87
10	1657	6	CLR:00	10.00		97	36.1	60	15.6	22	-5.6	7	7	270		29.63	6	+0.07	29.85	FM-15	0.00	29.86
10	1757	6	CLR:00	10.00		95	35.0	59	15.1	21	-6.1	7	6	240		29.62			29.84	FM-15	0.00	29.85
10	1857	6	CLR:00	10.00		92	33.3	58	14.5	22	-5.6	8	6	250		29.62			29.83	FM-15	0.00	29.85
10	1957	6	CLR:00	10.00		86	30.0	58	14.3	30	-1.1	13	5	250		29.62	5	+0.01	29.84	FM-15	0.00	29.85
10	2057	6	CLR:00	10.00		84	28.9	56	13.5	28	-2.2	13	0	000		29.64			29.86	FM-15	0.00	29.87
10	2157	6	CLR:00	10.00		80	26.7	56	13.4	33	0.6	18	7	200		29.65			29.87	FM-15	0.00	29.88
10	2257	6	CLR:00	10.00		78	25.6	56	13.2	34	1.1	20	6	250		29.65			29.87	FM-15	0.00	29.88
10	2357	6	CLR:00	10.00		76	24.4	56	13.5	38	3.3	25	3	260		29.64			29.86	FM-15	0.00	29.87

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visibility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
11	0057	6	CLR:00			74	23.3	55	12.6	36	2.2	25	0	000		29.63			29.85	FM-15	0.00	29.86
11	0157	6	CLR:00			71	21.7	54	12.3	38	3.3	30	3	150		29.62	8	+0.03	29.84	FM-15	0.00	29.85
11	0257	6	CLR:00			69	20.6	53	11.8	38	3.3	32	0	000		29.61			29.83	FM-15	0.00	29.84
11	0357	6	CLR:00	10.00		69	20.6	53	11.6	37	2.8	31	3	180		29.60			29.82	FM-15	0.00	29.83
11	0457	6	CLR:00	10.00		66	18.9	52	10.9	37	2.8	34	0	000		29.61	5	+0.01	29.83	FM-15	0.00	29.84
11	0557	6	CLR:00	10.00		66	18.9	52	11.1	38	3.3	36	0	000		29.61			29.83	FM-15	0.00	29.84
11	0657	6	CLR:00	7.00		67	19.4	52	11.2	37	2.8	33	7	150		29.63			29.85	FM-15	0.00	29.86
11	0757	6	FEW:02 250	7.00		71	21.7	54	12.3	38	3.3	30	5	180		29.63	1	-0.02	29.85	FM-15	0.00	29.86
11	0857	6	SCT:04 180 BKN:07 250	7.00		78	25.6	57	14.1	39	3.9	25	13	160		29.63			29.85	FM-15	0.00	29.86
11	0957	6	SCT:04 180 BKN:07 250	7.00		85	29.4	61	16.0	41	5.0	21	7	180		29.65			29.87	FM-15	0.00	29.88
11	1057	6	BKN:07 250	7.00		89	31.7	60	15.7	35	1.7	15	7	170		29.65	1	-0.02	29.87	FM-15	0.00	29.88
11	1157	6	BKN:07 250	7.00		92	33.3	60	15.8	32	0.0	12	9	210	21	29.64			29.86	FM-15	0.00	29.87
11	1257	6	CLR:00	10.00		94	34.4	61	16.1	31	-0.6	11	9	190		29.62			29.84	FM-15	0.00	29.85
11	1357	6	SCT:04 250	7.00		95	35.0	61	16.0	29	-1.7	9	10	200		29.59	8	+0.06	29.81	FM-15	0.00	29.82
11	1457	6	SCT:04 250	7.00		96	35.6	61	16.1	28	-2.2	9	7	190		29.56			29.78	FM-15	0.00	29.79
11	1557	6	SCT:04 250	7.00		97	36.1	61	16.2	27	-2.8	8	10	170		29.54			29.76	FM-15	0.00	29.77
11	1657	6	CLR:00	10.00		97	36.1	62	16.4	29	-1.7	9	10	180		29.52	6	+0.07	29.74	FM-15	0.00	29.75
11	1757	6	CLR:00	10.00		96	35.6	62	16.6	32	0.0	10	9	200		29.51			29.72	FM-15	0.00	29.74
11	1857	6	CLR:00	10.00		90	32.2	63	17.1	42	5.6	19	7	250		29.51			29.73	FM-15	0.00	29.74
11	1957	6	CLR:00	10.00		85	29.4	61	16.2	42	5.6	22	5	250		29.54	3	-0.02	29.76	FM-15	0.00	29.77
11	2057	6	CLR:00	10.00		80	26.7	60	15.8	45	7.2	29	8	290		29.57			29.79	FM-15	0.00	29.80
11	2157	6	CLR:00	10.00		78	25.6	58	14.5	41	5.0	27	7	300		29.59			29.81	FM-15	0.00	29.82
11	2257	6	CLR:00	10.00		78	25.6	58	14.3	40	4.4	26	8	250		29.57			29.78	FM-15	0.00	29.80
11	2357	6	CLR:00	10.00		74	23.3	58	14.5	45	7.2	36	10	260		29.55			29.77	FM-15	0.00	29.78

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
12	0057	6	CLR:00	10.00		75	23.9	54	12.5	34	1.1	22	8	270		29.56		29.78	FM-15	0.00	29.79	
12	0157	6	CLR:00	10.00		72	22.2	51	10.6	27	-2.8	19	9	280		29.56	6	+0.01	29.78	FM-15	0.00	29.79
12	0257	6	CLR:00	10.00		71	21.7	51	10.8	30	-1.1	22	15	290	25	29.54			29.76	FM-15	0.00	29.77
12	0357	6	CLR:00	10.00		70	21.1	51	10.4	29	-1.7	22	13	300		29.54			29.76	FM-15	0.00	29.77
12	0457	6	CLR:00	10.00		70	21.1	50	10.1	27	-2.8	20	11	300		29.57	3	-0.01	29.79	FM-15	0.00	29.80
12	0557	6	CLR:00	10.00		68	20.0	50	9.8	28	-2.2	22	8	300		29.57			29.79	FM-15	0.00	29.80
12	0657	6	OVC:08 250	7.00		68	20.0	50	10.3	31	-0.6	25	0	000		29.59			29.81	FM-15	0.00	29.82
12	0757	6	OVC:08 250	7.00		69	20.6	51	10.5	31	-0.6	24	10	290		29.61	3	-0.04	29.83	FM-15	0.00	29.84
12	0857	6	BKN:07 250	7.00		70	21.1	53	11.7	36	2.2	29	17	290	22	29.62			29.85	FM-15	0.00	29.85
12	0957	6	SCT:04 250	5.00	HZ:7   HZ	74	23.3	54	12.2	34	1.1	23	15	300	24	29.62			29.85	FM-15	0.00	29.85
12	1055	6	SCT:04 250	2.00	DU:5   FU	79	26.0	55	12.7	30	-1.0	17	16	270		29.63				FM-16		29.86
12	1057	6	SCT:04 250	2.00	BL:5 DU:5	78	25.6	55	12.6	31	-0.6	18	16	280		29.63	1	-0.02	29.85	FM-15	0.00	29.86
12	1157	6	CLR:00	2.00	BL:5 DU:5	79	26.1	55	12.9	31	-0.6	17	16	280		29.62			29.84	FM-15	0.00	29.85
12	1257	6	CLR:00	2.00	BL:5 DU:5	80	26.7	56	13.3	32	0.0	17	23	280	29	29.62			29.83	FM-15	0.00	29.85
12	1305	6	BKN:07 25	2.00	BL:5 DU:5	80	26.7	56	13.4	33	0.6	18	18	290		29.62				FM-16		29.85
12	1357	6	BKN:07 25	2.00	BL:5 DU:5	82	27.8	56	13.5	31	-0.6	16	21	290	28	29.60	8	+0.03	29.82	FM-15	0.00	29.83
12	1455	6	BKN:07 25	5.00	BL:5 DU:5	82	28.0	56	13.1	28	-2.0	14	21	290	30	29.60				FM-16		29.83
12	1457	6	BKN:07 25	5.00	BL:5 DU:5	82	27.8	56	13.1	28	-2.2	14	18	300	30	29.59			29.81	FM-15	0.00	29.82
12	1555	6	CLR:00	7.00		81	27.0	58	14.2	36	2.0	20	17	250	24	29.58				FM-16		29.81
12	1557	6	CLR:00	7.00		81	27.2	57	14.0	35	1.7	19	15	260		29.58			29.80	FM-15	0.00	29.81
12	1657	6	CLR:00	10.00		81	27.2	56	13.2	30	-1.1	16	21	280	28	29.56	8	+0.04	29.79	FM-15	0.00	29.79
12	1757	6	CLR:00	10.00		79	26.1	55	13.0	32	0.0	18	13	270	24	29.57			29.79	FM-15	0.00	29.80
12	1855	6	BKN:07 29	8.00		77	25.0	54	12.2	30	-1.0	18	18	290	29	29.57				FM-16		29.80
12	1857	6	BKN:07 29	8.00		76	24.4	54	12.2	31	-0.6	19	21	290	29	29.57			29.80	FM-15	0.00	29.80
12	1933	6	OVC:08 23	2.00	BL:5 DU:5	74	23.3	54	12.2	34	1.1	23	21	290	28	29.60				FM-16		29.83
12	1957	6	OVC:08 17	2.00	BL:5 DU:5	73	22.8	54	12.4	36	2.2	26	22	290	30	29.61	3	-0.04	29.83	FM-15	0.00	29.84
12	2057	6	OVC:08 22	3.00	BL:5 DU:5	71	21.7	54	12.3	38	3.3	30	13	300		29.67			29.89	FM-15	0.00	29.90
12	2124	6	OVC:08 30	10.00		70	21.1	53	11.9	37	2.8	30	15	300		29.68				FM-16		29.91
12	2157	6	OVC:08 30	7.00		68	20.0	52	11.2	36	2.2	31	11	300		29.70			29.92	FM-15	0.00	29.93
12	2257	6	CLR:00	10.00		68	20.0	50	10.3	31	-0.6	25	11	340		29.71	1	-0.10	29.93	FM-15	0.00	29.94
12	2357	6	CLR:00	10.00		68	20.0	47	8.4	18	-7.8	15	14	340		29.74			29.96	FM-15	0.00	29.97

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

## Local Climatological Data Hourly Observations April 2018

Generated on 08/07/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
13	0057	6	CLR:00	10.00		66	18.9	46	8.0	19	-7.2	16	7	340		29.77		29.99	FM-15	0.00	30.00	
13	0157	6	CLR:00	10.00		63	17.2	45	7.4	21	-6.1	20	7	VRB		29.78	1	-0.07	30.00	FM-15	0.00	30.01
13	0257	6	CLR:00	10.00		62	16.7	45	7.3	22	-5.6	21	6	290		29.80			30.02	FM-15	0.00	30.03
13	0357	6	CLR:00	10.00		63	17.2	44	6.9	17	-8.3	17	8	290		29.83			30.06	FM-15	0.00	30.06
13	0457	6	CLR:00	10.00		63	17.2	44	6.8	16	-8.9	16	10	360		29.85	1	-0.07	30.07	FM-15	0.00	30.08
13	0557	6	CLR:00	10.00		60	15.6	43	5.9	15	-9.4	17	6	320		29.89			30.11	FM-15	0.00	30.12
13	0657	6	CLR:00	7.00		62	16.7	43	6.3	14	-10.0	15	10	360		29.93			30.15	FM-15	0.00	30.16
13	0757	6	CLR:00	7.00		66	18.9	45	7.2	12	-11.1	12	10	360		29.97	3	-0.11	30.19	FM-15	0.00	30.20
13	0857	6	CLR:00	7.00		68	20.0	46	7.6	10	-12.2	10	15	350	24	29.98			30.20	FM-15	0.00	30.21
13	0957	6	CLR:00	7.00		70	21.1	47	8.1	9	-12.8	9	18	350	25	30.00			30.22	FM-15	0.00	30.23
13	1057	6	CLR:00	10.00		73	22.8	48	8.8	8	-13.3	8	16	360	25	30.00	1	-0.04	30.23	FM-15	0.00	30.23
13	1157	6	CLR:00	7.00		74	23.3	48	9.1	9	-12.8	8	9	010	23	30.00			30.22	FM-15	0.00	30.23
13	1257	6	CLR:00	7.00		76	24.4	49	9.6	8	-13.3	7	16	340	23	29.97			30.19	FM-15	0.00	30.20
13	1357	6	CLR:00	7.00		77	25.0	50	9.8	7	-13.9	7	15	340	23	29.96	8	+0.04	30.18	FM-15	0.00	30.19
13	1457	6	CLR:00	7.00		78	25.6	50	10.0	7	-13.9	6	13	310	20	29.93			30.15	FM-15	0.00	30.16
13	1557	6	CLR:00	7.00		79	26.1	51	10.3	8	-13.3	6	20	350	24	29.91			30.13	FM-15	0.00	30.14
13	1657	6	CLR:00	10.00		79	26.1	50	10.3	7	-13.9	6	16	340		29.89	6	+0.07	30.11	FM-15	0.00	30.12
13	1757	6	CLR:00	10.00		78	25.6	50	10.1	8	-13.3	7	13	340		29.89			30.11	FM-15	0.00	30.12
13	1857	6	CLR:00	10.00		76	24.4	49	9.6	9	-12.8	7	14	340		29.90			30.12	FM-15	0.00	30.13
13	1957	6	CLR:00	10.00		74	23.3	49	9.2	10	-12.2	8	11	330		29.91			30.13	FM-15	0.00	30.14
13	2057	6	CLR:00	10.00		73	22.8	48	9.0	11	-11.7	9	8	340		29.93			30.15	FM-15	0.00	30.16
13	2157	6	CLR:00	10.00		68	20.0	47	8.2	16	-8.9	13	8	360		29.95			30.17	FM-15	0.00	30.18
13	2257	6	CLR:00	10.00		68	20.0	47	8.1	15	-9.4	13	10	340		29.96	1	-0.05	30.18	FM-15	0.00	30.19
13	2357	6	CLR:00	10.00		68	20.0	47	8.1	15	-9.4	13	6	340		29.96			30.19	FM-15	0.00	30.19

# April 11 and April 12, 2018 Exceptional Event, Imperial County

# Appendix B

U.S. Department of Commerce  
 National Oceanic & Atmospheric Administration  
 National Environmental Satellite, Data, and Information Service  
 Current Location: Elev: 213 ft. Lat: 32.6500° N Lon: -114.6167° W  
 Station: YUMA MCAS, AZ US 03145

## Local Climatological Data Hourly Observations April 2018

Generated on 09/24/2018

National Centers for Environmental Information  
 151 Patton Avenue  
 Asheville, North Carolina 28801

Date	Time (LST)	Station Type	Sky Conditions	Visi-bility	Weather Type (see documentation) AU   AW   MW	Dry Bulb Temp		Wet Bulb Temp		Dew Point Temp		Rel Hum %	Wind Speed (MPH)	Wind Dir (Deg)	Wind Gusts (MPH)	Station Press (inHg)	Press. Tend	Net 3-Hr Change (inHg)	Sea Level Press. (inHg)	Report Type	Precip Total (in)	Alti-meter Setting (inHg)
						(F)	(C)	(F)	(C)	(F)	(C)											
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
14	0057	6	CLR:00	10.00		64	17.8	45	7.1	16	-8.9	15	0	000		29.97			30.19	FM-15	0.00	30.20
14	0157	6	CLR:00	10.00		63	17.2	44	6.9	17	-8.3	17	6	010		29.96	0	-0.00	30.18	FM-15	0.00	30.19
14	0257	6	CLR:00	10.00		58	14.4	43	5.9	20	-6.7	23	0	000		29.95			30.17	FM-15	0.00	30.18
14	0357	6	CLR:00	10.00		56	13.3	42	5.5	21	-6.1	26	0	000		29.94			30.17	FM-15	0.00	30.17
14	0457	6	CLR:00	10.00		60	15.6	43	6.0	16	-8.9	18	7	010		29.96	5	+0.00	30.18	FM-15	0.00	30.19
14	0557	6	CLR:00	10.00		57	13.9	42	5.5	19	-7.2	23	3	060		29.97			30.19	FM-15	0.00	30.20
14	0657	6	CLR:00	10.00		57	13.9	43	6.1	23	-5.0	27	0	000		29.99			30.21	FM-15	0.00	30.22
14	0757	6	CLR:00	10.00		65	18.3	46	8.0	21	-6.1	19	3	010		30.01	3	-0.05	30.23	FM-15	0.00	30.24
14	0857	6	CLR:00	10.00		70	21.1	47	8.5	14	-10.0	11	8	050		30.01			30.24	FM-15	0.00	30.24
14	0957	6	CLR:00	10.00		75	23.9	50	10.0	16	-8.9	10	5	070		30.02			30.24	FM-15	0.00	30.25
14	1057	6	CLR:00	10.00		77	25.0	50	10.0	10	-12.2	8	5	040		30.01	0	-0.00	30.23	FM-15	0.00	30.24
14	1157	6	CLR:00	10.00		78	25.6	51	10.4	12	-11.1	8	0	000		29.98			30.20	FM-15	0.00	30.21
14	1257	6	CLR:00	10.00		82	27.8	52	11.2	10	-12.2	6	5	040		29.95			30.17	FM-15	0.00	30.18
14	1357	6	CLR:00	10.00		84	28.9	53	11.6	8	-13.3	5	7	340		29.91	8	+0.10	30.14	FM-15	0.00	30.14
14	1457	6	CLR:00	10.00		84	28.9	53	11.7	10	-12.2	6	5	VRB		29.88			30.10	FM-15	0.00	30.11
14	1557	6	CLR:00	10.00		84	28.9	53	11.8	11	-11.7	6				29.85			30.07	FM-15	0.00	30.08
14	1657	6	CLR:00	10.00		84	28.9	53	11.8	12	-11.1	6	5	270		29.83	6	+0.09	30.05	FM-15	0.00	30.06
14	1757	6	CLR:00	10.00		85	29.4	54	12.1	12	-11.1	6	5	VRB		29.81			30.03	FM-15	0.00	30.04
14	1857	6	CLR:00	10.00		81	27.2	54	12.1	22	-5.6	11	8	260		29.80			30.03	FM-15	0.00	30.03
14	1957	6	CLR:00	10.00		76	24.4	53	11.4	26	-3.3	16	6	260		29.81	5	+0.02	30.03	FM-15	0.00	30.04
14	2057	6	CLR:00	10.00		73	22.8	51	10.7	26	-3.3	17	5	240		29.81			30.03	FM-15	0.00	30.04
14	2157	6	CLR:00	10.00		71	21.7	50	10.2	26	-3.3	19	3	280		29.81			30.04	FM-15	0.00	30.04
14	2257	6	CLR:00	10.00		69	20.6	49	9.6	25	-3.9	19	0	000		29.79	8	+0.01	30.02	FM-15	0.00	30.02
14	2357	6	CLR:00	10.00		66	18.9	48	9.1	27	-2.8	23	3	150		29.79			30.01	FM-15	0.00	30.02