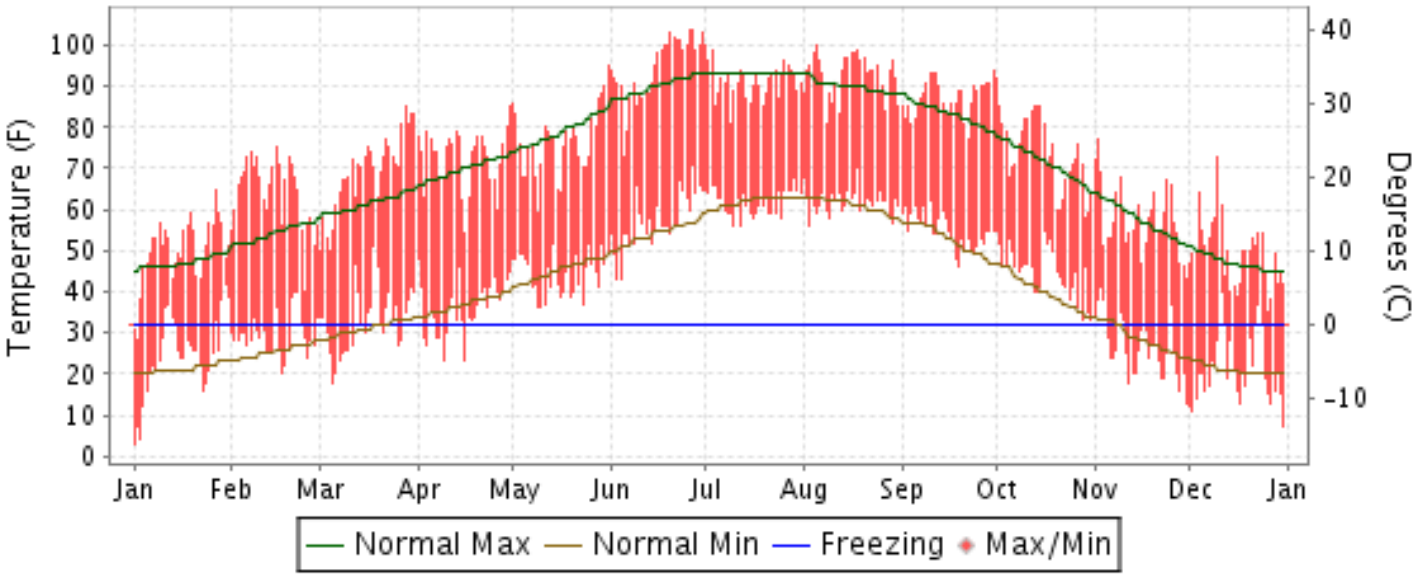
2015
LOCAL CLIMATOLOGICAL DATA
ANNUAL SUMMARY WITH COMPARATIVE DATA

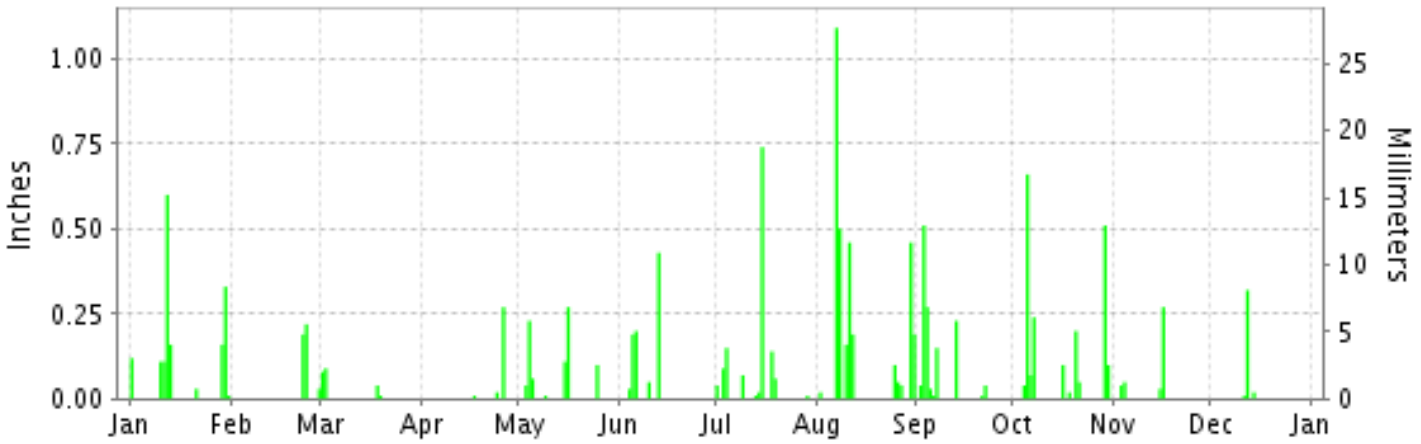
ISSN 0198-0599

WINSLOW,
ARIZONA (KINW)

Daily Max/Min Temperature



Daily Precipitation



Daily Station Pressure

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NATIONAL ENVIRONMENTAL SATELLITE, DATA AND INFORMATION SERVICE
NATIONAL CENTERS for ENVIRONMENTAL INFORMATION (NCEI) ASHEVILLE, NORTH CAROLINA
DIRECTOR NCEI

METEOROLOGICAL DATA FOR 2015
WINSLOW (KINW)

LATITUDE: 35° 1'N **LONGITUDE:** 110° 43'W **ELEVATION (FT):** GRND: 4886 BARO: 4892 **TIME ZONE:** MOUNTAIN (UTC -7) **WBAN:** 23194

	ELEMENT	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	MEAN DAILY MAXIMUM	50.1	64.2	69.2	72.6	76.4	94.4	91.2	92.7	87.2	74.0	57.7	49.4	73.3
	HIGHEST DAILY MAXIMUM	65	75	85	85	95	104	100	100	94	92	77	73	104
	DATE OF OCCURRENCE	27	15	28	30	31	27+	01	05	30	01	02	10	JUN 27+
	MEAN DAILY MINIMUM	24.4	29.5	33.0	36.1	44.3	57.3	61.9	61.9	55.1	44.8	26.3	20.8	41.3
	LOWEST DAILY MINIMUM	3	20	18	23	36	43	56	56	46	33	13	7	3
	DATE OF OCCURRENCE	01	17	05	16+	10+	04+	12+	03	19	31+	30	31	JAN 01
	AVERAGE DRY BULB	37.2	46.8	51.1	54.3	60.3	75.8	76.5	77.3	71.1	59.4	42.0	35.1	57.2
	MEAN WET BULB	32.7	37.0	39.3	40.2	46.7	56.4	61.0	62.0	57.0	49.7	33.8	27.9	45.3
	MEAN DEW POINT	28.4	26.3	24.2	19.5	32.4	39.7	51.3	52.7	47.2	41.5	25.0	17.8	33.8
	NUMBER OF DAYS WITH:													
	MAXIMUM >= 90°	0	0	0	0	2	22	21	23	11	1	0	0	80
	MAXIMUM <= 32°	2	0	0	0	0	0	0	0	0	0	0	0	2
	MINIMUM <= 32°	24	22	15	7	0	0	0	0	0	0	23	29	120
	MINIMUM <= 0°	0	0	0	0	0	0	0	0	0	0	0	0	0
H/C	HEATING DEGREE DAYS	853	502	422	313	154	1	0	0	0	181	682	918	4026
	COOLING DEGREE DAYS	0	0	0	0	19	334	367	389	191	16	0	0	1316
RH	MEAN (PERCENT)	77	55	43	30	40	34	48	50	50	60	59	56	50
	HOUR 05 LST	88	78	68	51	63	55	71	72	77	80	81	70	71
	HOUR 11 LST	64	37	27	19	26	20	31	30	31	44	37	41	34
	HOUR 17 LST	69	34	24	18	25	19	31	38	32	46	47	45	36
	HOUR 23 LST	88	64	52	36	50	42	58	61	59	71	72	65	60
W/O	NUMBER OF DAYS WITH:													
	HEAVY FOG(VISBY <= 1/4 MI)	2	1	1	0	0	0	0	0	0	1	0	0	5
	THUNDERSTORMS	0	0	0	1	1	5	10	7	6	5	0	0	35
PR	MEAN STATION PRESS. (IN.)	25.27	25.17	25.20	25.07	25.07	25.13	25.18	25.20	25.17	25.16	25.14	25.12	25.16
	MEAN SEA-LEVEL PRESS. (IN.)	30.25	30.05	30.07	29.88	29.86	29.84	29.90	29.92	29.93	29.98	30.06	30.07	29.98
WINDS	RESULTANT SPEED (MPH)	0.4	2.6	2.4	5.1	5.6	3.1	3.8	2.9	2.8	1.6	3.8	3.4	3.0
	RES. DIR. (TENS OF DEGS.)	23	24	24	23	21	21	20	22	19	19	21	23	22
	MEAN SPEED (MPH)	4.2	7.1	6.7	9.1	9.3	8.1	8.1	7.3	6.0	6.0	6.9	7.5	7.2
	PREVAIL.DIR.(TENS OF DEGS.)	12	11	23	21	21	22	23	24	11	12	25	11	21
	MAXIMUM 2-MINUTE WIND													
	SPEED (MPH)	20	40	39	40	43	39	36	39	35	32	49	43	49
	DIR. (TENS OF DEGS.)	33	23	16	23	23	15	16	20	19	22	20	20	20
	DATE OF OCCURRENCE	21	28	02	02	08	27	17	07	13	02	25	11	NOV 25
	MAXIMUM 3-SECOND WIND:													
	SPEED (MPH)	23	50	49	50	55	49	47	53	41	42	60	55	60
	DIR. (TENS OF DEGS.)	11	23	16	25	23	15	08	18	19	21	21	20	21
	DATE OF OCCURRENCE	30	28	02	02	08	27	01	07	13	02	25	11	NOV 25
PRECIPITATION	WATER EQUIVALENT:	1.63	0.44	0.22	0.30	0.82	0.90	1.33	3.26	1.29	1.99	0.39	0.35	12.92
	TOTAL (IN.)	0.62	0.39	0.09	0.27	0.38	0.43	0.76	1.35	0.78	0.70	0.30	0.33	1.35
	GREATEST 24-HOUR (IN.)	11-12	23-24	02	26	15-16	13	14-15	07-08	03-04	04-05	15-16	11-12	AUG 07-08
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:	9	3	4	3	7	5	10	11	9	10	4	3	78
	PRECIPITATION 0.01	7	2	0	1	4	3	3	8	4	6	1	1	40
	PRECIPITATION 0.10	0	0	0	0	0	0	0	1	0	0	0	0	1
	PRECIPITATION 1.00													
SNOWFALL	SNOW,ICE PELLETS,HAIL													
	TOTAL (IN.)													
	GREATEST 24-HOUR (IN.)													
	DATE OF OCCURRENCE													
	MAXIMUM SNOW DEPTH (IN.)													
	DATE OF OCCURRENCE													
	NUMBER OF DAYS WITH:													
	SNOWFALL >= 1.0													

NORMALS, MEANS, AND EXTREMES
WINSLOW (KINW)

LATITUDE: 35° 1'N **LONGITUDE:** 110° 43'W **ELEVATION (FT):** GRND: 4886 BARO: 4892 **TIME ZONE:** MOUNTAIN (UTC -7) **WBAN:** 23194

	ELEMENT	POR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	YEAR
TEMPERATURE °F	NORMAL DAILY MAXIMUM	30	49.5	55.8	63.6	71.8	81.7	91.6	94.5	91.2	85.2	73.4	60.1	48.6	72.3
	MEAN DAILY MAXIMUM	107	46.5	52.5	62.0	69.5	79.9	89.5	93.5	90.5	83.5	72.9	57.9	47.0	70.4
	HIGHEST DAILY MAXIMUM	84	75	79	85	92	101	107	109	103	99	93	82	74	109
	YEAR OF OCCURRENCE		1971	2014	2015	1943	2002	2013	1971	1995	1950	1972	2009	1958	JUL 1971
	MEAN OF EXTREME MAXS.	108	63.2	69.4	76.5	83.9	92.2	100.4	101.7	98.5	93.8	85.8	73.7	64.0	83.6
	NORMAL DAILY MINIMUM	30	20.8	24.8	30.4	36.7	45.4	53.8	61.9	60.8	52.3	39.3	27.9	20.6	39.6
	MEAN DAILY MINIMUM	107	19.7	24.0	30.1	36.5	44.7	52.9	62.3	60.7	52.1	39.9	27.4	20.6	39.2
	LOWEST DAILY MINIMUM	84	-18	-7	-2	16	23	35	44	41	31	13	-1	-12	-18
	YEAR OF OCCURRENCE		1937	1939	2002	1975	1964	1979	2004	1968	1978	1970	1952	1967	JAN 1937
	MEAN OF EXTREME MINS.	108	5.3	10.9	16.8	24.4	32.2	42.3	54.3	53.2	41.0	26.5	14.2	6.0	27.3
	NORMAL DRY BULB	30	35.2	40.3	47.0	54.3	63.6	72.7	78.2	76.0	68.7	56.3	44.0	34.6	55.9
	MEAN DRY BULB	107	33.1	38.3	46.1	53.0	62.3	71.2	77.9	75.7	67.8	56.4	42.7	33.8	54.9
	MEAN WET BULB	20	23.7	25.9	27.3	29.3	34.8	39.4	54.0	55.2	48.0	36.5	28.3	24.2	35.6
	MEAN DEW POINT	20	24.2	25.4	28.4	30.8	35.8	40.5	53.1	55.1	48.0	36.2	27.8	23.1	35.7
	NORMAL NO. DAYS WITH:														
	MAXIMUM >= 90	30	0.0	0.0	0.0	0.3	5.4	18.9	24.9	18.9	7.5	0.1	0.0	0.0	76.0
	MAXIMUM <= 32	30	1.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	3.1
	MINIMUM <= 32	30	28.3	22.8	18.4	7.7	0.6	0.0	0.0	0.0	0.0	5.8	21.4	28.4	133.4
	MINIMUM <= 0	30	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4
H/C	NORMAL HEATING DEG. DAYS	30	925	692	558	326	108	10	0	0	31	275	630	942	4497
	NORMAL COOLING DEG. DAYS	30	0	0	0	4	63	241	409	341	143	7	0	0	1208
RH	NORMAL (PERCENT)	30							38						
	HOUR 05 LST	30							57						
	HOUR 11 LST	30							28	34					
	HOUR 17 LST	30							25	29					
	HOUR 23 LST	30							44	50					
S	PERCENT POSSIBLE SUNSHINE														
W/O	MEAN NO. DAYS WITH:														
	HEAVY FOG(VISBY <= 1/4 MI)	36	0.8	0.4	0.4	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.2	1.1	3.3
	THUNDERSTORMS	52	0.0	0.2	0.3	0.7	1.4	2.2	8.0	7.6	3.9	1.0	0.2	0.1	25.6
CLOUDINESS	MEAN:														
	SUNRISE-SUNSET (OKTAS)														
	MIDNIGHT-MIDNIGHT (OKTAS)														
	MEAN NO. DAYS WITH:														
	CLEAR	1	3.0	3.0	13.0		22.0	13.0	10.7						
	PARTLY CLOUDY			3.0	6.0		3.0	1.0	12.2						
	CLOUDY	1	1.0	2.0	4.0		2.0	1.0	8.1						
PR	MEAN STATION PRESSURE(IN)	20	25.20	25.13	25.11	25.07	25.08	25.10	25.18	25.19	25.17	25.16	25.20	25.19	25.15
	MEAN SEA-LEVEL PRES. (IN)	20	30.17	30.06	29.98	29.89	29.85	29.82	29.88	29.91	29.92	29.99	30.11	30.16	29.98
WINDS	MEAN SPEED (MPH)	20	6.1	7.5	8.7	10.7	10.1	9.8	8.3	7.4	7.0	6.9	6.4	6.2	7.9
	PREVAIL.DIR(TENS OF DEGS)	24	12	23	24	23	23	23	23	24	23	23	23	12	23
	MAXIMUM 2-MINUTE:														
	SPEED (MPH)	20	47	56	61	55	48	45	45	45	45	60	49	51	61
	DIR. (TENS OF DEGS)		21	21	22	21	19	23	16	21	20	19	20	23	22
	YEAR OF OCCURRENCE		2012	2006	1999	2010	2011	2007	2014	2002	2007	2008	2015	2009	MAR 1999
	MAXIMUM 3-SECOND														
	SPEED (MPH)	20	61	68	72	70	63	71	58	58	60	75	62	69	75
	DIR. (TENS OF DEGS)		21	21	23	21	20	24	16	13	19	19	19	23	19
	YEAR OF OCCURRENCE		2012	2006	1999	2010	2011	2014	2014	2009	2013	2008	2012	2009	OCT 2008
PRECIPITATION	NORMAL (IN)	30	0.52	0.46	0.54	0.26	0.33	0.18	1.04	1.20	0.88	0.53	0.51	0.56	7.01
	MAXIMUM MONTHLY (IN)	84	2.22	2.05	2.07	1.59	2.11	3.22	3.53	4.80	3.45	5.61	2.54	3.73	5.61
	YEAR OF OCCURRENCE		2010	1973	1973	1934	1992	1972	1992	1963	1996	1972	2013	1967	OCT 1972
	MINIMUM MONTHLY (IN)	84	T	0.00	0.00	0.00	0.00	0.00	.04	0.07	0.00	0.00	0.00	.00	0.00
	YEAR OF OCCURRENCE		2014	2002	1997	1989	2002	1971	2005	1998	1957	1952	1932	2005	DEC 2005
	MAXIMUM IN 24 HOURS (IN)	84	1.38	0.70	1.07	0.76	0.90	2.12	1.38	1.35	1.43	2.22	1.96	1.51	2.22
	YEAR OF OCCURRENCE		2010	1956	1984	1988	1969	1955	2012	2015	1994	1974	2013	1969	OCT 1974
	NORMAL NO. DAYS WITH:														
	PRECIPITATION >= 0.01	30	4.6	4.6	5.0	2.9	2.8	1.9	6.2	8.6	5.1	3.4	3.4	4.5	53.0
	PRECIPITATION >= 1.00	30	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.3
SNOWFALL	NORMAL (IN)	30	1.9	1.4	1.4	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.6	8.1
	MAXIMUM MONTHLY (IN)	64	11.3	10.7	11.0	4.8	0.6	0.0	0.0	0.0	T	8.2	7.4	39.6	39.6
	YEAR OF OCCURRENCE		1987	1973	1973	1977	1978				1945	1961	1952	1967	DEC 1967
	MAXIMUM IN 24 HOURS (IN)	51	6.4	8.0	8.0	2.9	0.6	0.0	0.0	0.0	T	6.6	4.8	17.0	17.0
	YEAR OF OCCURRENCE'		1987	1977	1991	1977	1978				1945	1961	1966	1967	DEC 1967
	MAXIMUM SNOW DEPTH (IN)	48	7	8	7	2	0	0	0	0	0	3	3	29	29
	YEAR OF OCCURRENCE		1968	1977	1991	1977						1972	1994	1967	DEC 1967
	NORMAL NO. DAYS WITH:														
	SNOWFALL >= 1.0	30	0.6	0.5	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	2.9

PRECIPITATION (inches) 2015 WINSLOW (KINW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	0.02	0.75	0.80	0.16	0.04	0.33	2.32	0.42	0.55	1.14	1.28	0.56	8.37
1987	1.21	0.86	0.38	T	0.54	0.29	0.50	1.88	0.15	1.29	1.39	1.28	9.77
1988	0.24	0.82	T	1.28	0.09	1.30	0.64	1.47	0.04	0.61	0.70	0.09	7.28
1989	0.59	0.28	0.43	0.00	0.11	T	1.69	1.73	0.09	0.26	T	0.41	5.59
1990	0.11	0.68	0.25	0.16	0.15	0.02	1.64	0.48	0.88	0.19	0.97	0.31	5.84
1991	0.79	0.18	1.58	T	0.08	0.91	0.10	0.44	0.71	0.27	1.00	1.26	7.32
1992	0.31	0.20	0.84	0.32	2.11	0.06	3.53	2.58	0.15	0.31	0.28	1.80	12.49
1993	1.54	0.56	0.61	T	0.23	0.00	0.04	2.64	T	1.13	0.49	0.06	7.30
1994	0.17	0.35	0.59	0.75	0.62	0.09	0.12	0.79	1.56	0.32	0.44	0.44	6.24
1995	0.36	1.01	0.45	0.09	0.31	0.04	0.39	2.12	1.61	T	0.54	0.36	7.28
1996	0.02	0.40	0.20	T	T	0.01	0.41		3.45	0.39	0.56	T	
1997	1.02	0.28	0.00	0.37	0.59	0.24	0.21	1.26	0.84	0.20	0.29	0.28	5.58
1998	0.11	1.03	1.59	0.06	T	T	3.02	0.07	1.02	1.27	0.19	0.02	8.38
1999	0.05	0.02	0.09	0.90	0.08	0.28	1.47	1.70	2.59	0.00	0.00	T	7.18
2000	0.14	0.04	1.31	0.03	0.04	0.07	0.55	0.89	0.15	1.87	0.53	0.06	5.68
2001	0.60	0.26	0.54	0.19	0.74	0.06	1.16	1.23	0.90	0.16	0.05	0.63	6.52
2002	0.08	0.00	0.33	0.54	0.00	T	0.42	0.12	1.95	0.12	0.17	0.61	4.34
2003	0.03	0.65	0.16	0.10	0.04	0.01	T	0.18	0.08	0.02	0.57	0.60	2.44
2004	0.39	T	0.21	0.73	0.00	0.24	0.51	1.12	1.16	0.66	0.64	1.23	6.89
2005	1.70	1.05	0.35	0.70	0.12	0.27	T	1.89	0.33	0.19	0.05	0.00	6.65
2006	0.05	0.00	0.24	T	T	0.13	0.57	0.84	0.33	0.40	0.15	0.39	3.10
2007	0.43	0.63	0.98	T	0.59	0.10	0.81	1.13	0.38	T	0.32	0.66	6.03
2008	0.55	0.95	T	T	0.20	0.10	0.89	0.92	0.07	0.01	0.58	0.39	4.66
2009	0.28	0.26	0.03	0.03	0.74	0.03	0.24	0.23	0.54	0.17	0.03	0.22	2.80
2010	2.22	0.48	0.31	0.07	0.05	0.01	0.92	0.80	0.36	0.45	0.03	0.94	6.64
2011	T	0.47	0.02	0.06	0.19	T	1.78	0.35	1.71	0.89	0.67	0.65	6.79
2012	0.05	0.13	0.29	0.18	T	0.24	2.23	1.30	0.23	0.13	0.27	0.64	5.69
2013	0.73	0.41	0.34	0.31	T	T	1.33	2.58	0.93	0.29	2.54	0.05	9.51
2014	T	0.02	1.00	0.16	T	0.00	0.32	2.68	1.34	0.39	T	1.12	7.03
2015	1.63	0.44	0.22	0.30	0.82	0.90	1.33	3.26	1.29	1.99	0.39	0.35	12.92
POR= 108 YRS	0.48	0.46	0.48	0.36	0.30	0.27	1.24	1.45	0.92	0.65	0.47	0.60	7.68

WBAN : 23194

AVERAGE TEMPERATURE (°F) 2015 WINSLOW (KINW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1986	39.8	43.2	49.6	54.6	62.6	73.4	75.9	77.2	65.2	53.7	44.8	34.8	56.2
1987	30.2	39.1	42.7	56.1	62.4	73.4	74.5	73.4	67.5	60.1	42.8	31.0	54.4
1988	33.5	41.3	45.1	53.8	61.6	72.8	79.4	75.1	66.3	61.4	46.4	34.9	56.0
1989	32.3	40.0	51.6	60.6	66.0	72.5	79.0	74.5	68.9	55.4	44.2	33.7	56.6
1990	34.4	37.8	47.7	55.1	60.6	73.3	75.9	72.0	67.6	54.5	41.9	26.4	53.9
1991	32.4	40.5	41.4	51.0	58.5	66.6	74.9	73.7	66.9	56.2	41.3	30.8	52.9
1992	27.8	39.8	45.2	57.2	60.9	68.6	72.3	73.0	68.2	57.7	37.8	24.8	52.8
1993	39.1	40.0	47.4	54.8	63.3	69.7	76.0	73.6	66.6	54.7	40.2	33.3	54.9
1994	34.7	38.0	47.6	53.9	61.3	75.1	78.0	78.2	69.0	54.3	40.1	36.4	55.6
1995	36.7	45.2	48.3	51.5	58.1	68.3	76.8	78.4	69.4	55.9	47.6	37.5	56.1
1996	36.9	44.7	46.0	54.3			80.5		65.3			38.8	
1997	34.6	38.1	49.4	51.4	66.2	70.5	75.7	75.9	71.4	53.7	44.7	31.8	55.3
1998	37.5	38.7	45.3	49.0	60.4	69.4	78.5	77.7	70.1	55.1	45.5	35.4	55.2
1999	38.5	41.6	49.8	49.2	62.0	71.2	76.2	74.1	66.6	56.1	46.5	32.2	55.3
2000	40.6	43.3	45.4	58.4	67.4	75.4	79.3	77.2	70.9	55.8	37.1	36.4	57.3
2001	31.7	39.7	47.9	54.4	66.5	73.9	77.5	75.3	71.0	60.0	46.4	34.1	56.5
2002	34.4	36.7	43.4	58.3	63.6	74.8	80.4	77.1	68.5	54.2	42.5	30.0	55.3
2003	38.8	39.3	46.0	51.1	65.1	73.0	81.9	76.7	69.6	60.5	41.9	34.6	56.5
2004	34.4	36.5	52.5	53.2	64.5	72.3	76.8	73.9	66.5	55.5	43.1	35.1	55.4
2005	41.1	42.7	47.3	54.1	65.1	70.2	80.7	74.8	69.4	57.7	44.2	34.8	56.8
2006	35.1	39.6	44.2	55.9	67.0	77.1	80.8	75.3	65.4	54.8	45.8	35.0	56.3
2007	30.1	41.7	49.0	56.3	65.5	74.6	80.7	78.2	70.9	57.1	48.0	33.6	57.1
2008	32.5	39.0	46.4	52.8	59.6	73.8	79.2	78.0	69.9	55.4	45.2	36.9	55.7
2009	36.7	41.3	48.2	52.7	67.8	70.9	80.5	76.0	69.1	54.3	44.6	31.0	56.1
2010	32.7	38.9	45.3	53.8	59.7	73.3	80.2	77.0	71.3	58.1	41.6	41.0	56.1
2011	32.5	35.8	49.6	55.1	60.0	73.5	78.5	80.0	69.9	56.6	44.0	33.0	55.7
2012	37.3	38.9	47.9	57.5	65.5	76.1	78.9	78.4	69.3	58.2	46.8	36.3	57.6
2013	29.4	36.7	49.8	54.7	63.8	77.1	79.9	75.3	68.9	52.5	44.5	32.9	55.5
2014	37.0	45.2	48.9	54.4	62.1	74.3	80.3	74.3	71.4	60.1	45.0	38.0	57.6
2015	37.2	46.8	51.1	54.3	60.3	75.8	76.5	77.3	71.1	59.4	42.0	35.1	57.2
POR= 107 YRS	33.1	38.3	46.1	53.0	62.3	71.2	77.9	75.7	67.8	56.4	42.7	33.8	54.9

HEATING DEGREE DAYS (base 65°F) 2015 WINSLOW (KINW)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1987-88	0	0	12	153	658	1050	972	681	612	330	154	5	4627
1988-89	0	0	44	118	550	926	1005	696	408	156	64	1	3968
1989-90	0	0	21	292	618	964	941	756	530	287	147	9	4565
1990-91	0	4	37	317	686	1187	1002	679	723	415	197	30	5277
1991-92	0	0	13	264	704	1052	1145	723	607	232	125	11	4876
1992-93	2	10	5	220	808	1238	797	696	538	298	103	27	4742
1993-94	0	1	42	318	736	975	932	749	531	336	140	0	4760
1994-95	0	0	11	325	740	881	871	548	510	403	207	30	4526
1995-96	0	0	19	276	514	846	865	581	584	321			
1996-97	0	0	67	0	0	807	936	750	477	406	47	18	3508
1997-98	0	0	3	367	601	1025	849	730	606	472	151	17	4821
1998-99	0	0	5	303	581	910	811	651	463	469	122	27	4342
1999-00	0	0	34	270	547	1007	753	622	601	197	57	0	4088
2000-01	0	0	26	300	829	877	1025	701	522	310	55	10	4655
2001-02	0	0	3	164	548	953	943	785	663	198	98	0	4355
2002-03	0	0	16	327	668	1076	805	716	582	407	115	0	4712
2003-04	0	0	11	149	686	937	941	821	383	349	57	5	4339
2004-05	0	0	71	286	651	921	732	620	540	320	94	7	4242
2005-06	0	0	13	237	615	927	923	706	626	265	41	0	4353
2006-07	0	0	60	334	570	862	1078	646	488	260	75	9	4382
2007-08	0	0	28	249	504	967	997	748	568	361	190	5	4617
2008-09	0	0	1	295	589	865	870	659	515	363	20	2	4179
2009-10	0	0	24	329	602	1046	995	721	602	335	176	7	4837
2010-11	0	0	3	227	694	737	1001	813	469	291	176	1	4412
2011-12	0	0	1	257	625	985	849	752	524	227	52	0	4272
2012-13	0	0	2	222	540	883	1096		463		79	0	
2013-	0	0	33	380		989							
2013-14	0	0	33	380		989	859	547	491	310	130	0	
2014-15	0	0	13	145	594	832	853	502	422	313	154	1	3829
2015-	0	0	0	181	682	918							

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COOLING DEGREE DAYS (base 65°F) 2015 WINSLOW (KINW)

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTAL
1986	0	0	0	0	52	260	344	383	83	0	0	0	1122
1987	0	0	0	0	14	256	302	270	94	9	0	0	945
1988	0	0	0	0	55	247	452	323	93	15	0	0	1185
1989	0	0	0	30	100	231	441	301	143	2	0	0	1248
1990	0	0	0	0	17	264	342	226	122	0	0	0	971
1991	0	0	0	0	3	85	315	277	78	0	0	0	758
1992	0	0	0	5	3	125	236	263	111	0	0	0	743
1993	0	0	0	0	55	174	348	277	97	7	0	0	958
1994	0	0	0	11	33	306	409	416	135	1	0	0	1311
1995	0	0	0	3	3	139	374	422	158	1	0	0	1100
1996	0	0	0	8			485		83			0	
1997	0	0	0	6	92	189	339	342	200	25	0	0	1193
1998	0	0	0	0	19	156	425	397	164	3	0	0	1164
1999	0	0	0	1	36	218	354	289	88	2	0	0	988
2000	0	0	0	7	137	317	452	388	211	21	0	0	1533
2001	0	0	0	1	106	282	396	326	193	16	0	0	1320
2002	0	0	0	3	61	301	484	381	128	0	0	0	1358
2003	0	0	0	0	127	249	532	371	158	18	0	0	1455
2004	0	0	0	4	49	230	373	285	120	0	0	0	1061
2005	0	0	0	0	104	169	494	308	149	16	0	0	1240
2006	0	0	0	1	108	373	497	328	79	23	0	0	1409
2007	0	0	0	5	95	304	493	414	213	11	0	0	1535
2008	0	0	0	2	27	275	446	406	154	5	0	0	1315
2009	0	0	0	0	110	186	486	347	151	5	0	0	1285
2010	0	0	0	3	19	264	477	379	198	19	0	0	1359
2011	0	0	0	0	30	264	425	470	153	5	0	0	1347
2012	0	0	0	10	75	340	440	419	139	19	0	0	1442
2013	0		0		49	371	471	327	155	0		0	
2014	0	0	0	1	50	286	482	297	210	1	0	0	1327
2015	0	0	0	0	19	334	367	389	191	16	0	0	1316

SNOWFALL (inches) 2015 WINSLOW (KINW)

YEAR	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	TOTAL
1976-77	0.0	0.0	0.0	0.0	2.9	1.0	3.4	8.0	1.8	4.8	0.0	0.0	21.9
1977-78	0.0	0.0	0.0	0.0	T	T	2.0	3.3	T	0.2	0.6	0.0	6.1
1978-79	0.0	0.0	0.0	0.0	T	6.8	7.0	0.4	T	T	T	0.0	14.2
1979-80	0.0	0.0	0.0	0.0	0.1	0.6	6.4	T	6.4	T	0.0	0.0	13.5
1980-81	0.0	0.0	0.0	T	T	2.8	T	T	T	T	0.0	0.0	2.8
1981-82	0.0	0.0	0.0	0.0	T	0.0	9.3	0.0	0.1	T	0.0	0.0	9.4
1982-83	0.0	0.0	0.0	0.0	T	1.8	0.0	1.6	2.3	T	0.0	0.0	5.7
1983-84	0.0	0.0	0.0	0.0	T	0.7	T	T	0.0	T	0.0	0.0	0.7
1984-85	0.0	0.0	0.0	0.0	0.0	5.5	2.6	0.9	3.7	0.6	0.0	0.0	13.3
1985-86	0.0	0.0	0.0	0.0	0.1	5.6	0.0	2.5	0.2	T	0.0	0.0	8.4
1986-87	0.0	0.0	0.0	0.0	0.0	T	11.3	6.6	2.8	0.0	0.0	0.0	20.7
1987-88	0.0	0.0	0.0	0.0	T	11.2	0.5	1.1	T	T	0.0	0.0	12.8
1988-89	0.0	0.0	0.0	0.0	2.9	1.3	1.0	3.3	0.5	0.0	0.0	0.0	9.0
1989-90	0.0	0.0	0.0	0.0	0.0	1.0	0.7	6.9	1.9	0.0	0.0	0.0	10.5
1990-91	0.0	0.0	0.0	0.0	2.2	1.7	0.1	0.0	10.6	T	0.0	0.0	14.6
1991-92	0.0	0.0	0.0	T	2.3	4.0	3.7	T	1.2	0.0	0.0	0.0	11.2
1992-93	0.0	0.0	0.0	0.0	0.2	5.8	0.4	T	0.0	0.0	0.0	0.0	6.4
1993-94	0.0	0.0	0.0	0.0	T	T	2.0	0.2	0.0	T	0.0	0.0	2.2
1994-95	0.0	0.0	0.0	0.0	3.1	0.0	0.2	0.0	T	0.3	0.0	0.0	3.6
1995-96	0.0	0.0	0.0		0.0								
1996-97													
1997-98													
1998-99													
1999-00													
2000-01													
2001-02													
2002-03													
2003-04													
2004-05													
2005-													
POR= 83 YRS	0.0	0.0	0.0	0.2	0.9	3.6	2.6	1.8	1.7	0.5	T	0.0	11.3

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REFERENCE NOTES :

PAGE 1:
THE TEMPERATURE GRAPH SHOWS NORMAL MAXIMUM AND NORMAL MINIMUM DAILY TEMPERATURES (SOLID CURVES) AND THE ACTUAL DAILY HIGH AND LOW TEMPERATURES (VERTICAL BARS).
PAGE 2 AND 3:
H/C INDICATES HEATING AND COOLING DEGREE DAYS.
RH INDICATES RELATIVE HUMIDITY
W/O INDICATES WEATHER AND OBSTRUCTIONS
S INDICATES SUNSHINE.
PR INDICATES PRESSURE.
CLOUDINESS ON PAGE 3 IS THE SUM OF THE CEILOMETER AND SATELLITE DATA NOT TO EXCEED EIGHT EIGHTHS(OKTAS).
GENERAL:
T INDICATES TRACE PRECIPITATION, AN AMOUNT GREATER THAN ZERO BUT LESS THAN THE LOWEST REPORTABLE VALUE.
+ INDICATES THE VALUE ALSO OCCURS ON EARLIER DATES.
BLANK ENTRIES DENOTE MISSING OR UNREPORTED DATA.
ASOS INDICATES AUTOMATED SURFACE OBSERVING SYSTEM.
PM INDICATES THE LAST DAY OF THE PREVIOUS MONTH.
POR (PERIOD OF RECORD) BEGINS WITH THE JANUARY DATA MONTH AND IS THE NUMBER OF YEARS USED TO COMPUTE THE MEAN. INDIVIDUAL MONTHS WITHIN THE POR MAY BE MISSING.
WHEN THE POR FOR A NORMAL IS LESS THAN 30 YEARS, THE NORMAL IS PROVISIONAL AND IS BASED ON THE NUMBER OF YEARS INDICATED.
0.* OR * INDICATES THE VALUE OR MEAN-DAYS-WITH IS BETWEEN 0.00 AND 0.05.
CLOUDINESS FOR ASOS STATIONS DIFFERS FROM THE NON-ASOS OBSERVATION TAKEN BY A HUMAN OBSERVER. ASOS STATION CLOUDINESS IS BASED ON TIME-AVERAGED CEILOMETER DATA FOR CLOUDS AT OR BELOW 12,000 FEET
CLEAR INDICATES 0 - 2 OKTAS, PARTLY CLOUDY INDICATES 3 - 6 OKTAS, AND CLOUDY INDICATES 7 OR 8 OKTAS.
GENERAL CONTINUED:
WIND DIRECTION IS RECORDED IN TENS OF DEGREES (2 DIGITS) CLOCKWISE FROM TRUE NORTH. "00" INDICATES CALM. "36" INDICATES TRUE NORTH.
RESULTANT WIND IS THE VECTOR AVERAGE OF THE SPEED AND DIRECTION.
AVERAGE TEMPERATURE IS THE SUM OF THE MEAN DAILY MAXIMUM AND MINIMUM TEMPERATURE DIVIDED BY 2.
SNOWFALL DATA COMPRISE ALL FORMS OF FROZEN PRECIPITATION, INCLUDING HAIL.
A HEATING (COOLING) DEGREE DAY IS THE DIFFERENCE BETWEEN THE AVERAGE DAILY TEMPERATURE AND 65 F.
DRY BULB IS THE TEMPERATURE OF THE AMBIENT AIR.
DEW POINT IS THE TEMPERATURE TO WHICH THE AIR MUST BE COOLED TO ACHIEVE 100 PERCENT RELATIVE HUMIDITY.
WET BULB IS THE TEMPERATURE THE AIR WOULD HAVE IF THE MOISTURE CONTENT WAS INCREASED TO 100 PERCENT RELATIVE HUMIDITY.
ON JULY 1, 1996, THE NATIONAL WEATHER SERVICE BEGAN USING THE "METAR" OBSERVATION CODE THAT WAS ALREADY EMPLOYED BY MOST OTHER NATIONS OF THE WORLD. THE MOST NOTICEABLE DIFFERENCE IN THIS ANNUAL PUBLICATION WILL BE THE CHANGE IN UNITS FROM TENTHS TO EIGHTS(OKTAS) FOR REPORTING THE AMOUNT OF SKY COVER.
STATION HISTORY STOPPED WITH THE 2009 ANNUAL. IF YOU NEED SATION HISTORY INFORMATION GO TO "Historical Observing Metadata Repository", URL IS:
http://www.ncdc.noaa.gov/homr/
SNOWFALL STOPPED MONTH & YEAR INDICATED ABOVE. NO FURTHER YEARS INCLUDED UNLESS RESTARTED.

NOTE:

The "Period of Record:(POR)" for all "averages" is based on "Summary of the Day First Order Station" and "Cooperative Summary of the Day" archives.

2015
WINSLOW
ARIZONA (KINW)

Winslow is located in the Little Colorado River Valley. The adjacent terrain rises gradually in all directions except to the north-northwest along the river. The White Mountain area, 100 miles to the southeast, rises to over 11,000 feet. To the south and west the Mogollon Rim averages very close to 8,000 feet above sea level, while 60 miles to the northwest the San Francisco Peaks rise to 12,655 feet.

The surrounding high terrain has a considerable effect upon the climate and weather of the Winslow area. It acts as a barrier to the movement of low-level moist air currents, as well as to cold wintertime air masses from the plains states. As a consequence, the climate is very dry and relatively mild for the latitude and elevation.

The elevation of Winslow and the generally clear skies tend to create a large diurnal temperature variation during all seasons. Below-zero readings occur during the winter months about one year in three. Daytime temperatures over 70 degrees have been recorded during all winter months. Summer days are warm with temperatures of 90 degrees or higher occurring frequently from late May to mid-September. Because of the extremely low humidity, however, the high daytime temperatures are quite comfortable. The air cools rapidly after sunset so that nights are generally cool during the summer months.

Monthly and annual precipitation is extremely variable in amount. Moist air carried aloft over the surrounding mountains from the Gulf of Mexico and the Pacific Ocean during the summer and early fall helps produce the major portion of the annual precipitation. The lifting of the moist air over the mountains and the intense surface heating of the sparsely covered lower elevations causes considerable thunderstorm activity during this summer period. Snowfall during the winter is generally light, and because of warm daytime temperatures, it soon melts. The annual snowfall is about 10 inches, but occasionally a winter season will pass with only a trace being recorded. With the annual precipitation averaging about 7 inches, agricultural activity in the vicinity of Winslow is restricted to small irrigated tracts. The non-irrigated land is used mostly for winter range purposes.

More than 270 days during the year are clear or only partly cloudy. The average growing period is 186 days.

During the spring months, occasional high winds pick up considerable dust. During the late fall and winter months the prevailing wind direction is from the southeast, while in the spring and summer months the winds blow primarily from the southwest. Destructive weather such as tornadoes and ice storms rarely occur.

Station History

WINSLOW, AZ

NAME	Begin Date	End Date	Latitude	Longitude	Elevation Feet	Relocation	Platform
WINSLOW MUNICIPAL AP	1931-02-01	1931-10-31	35° 1'	-110° 42'			SYNOPTIC
WINSLOW MUNICIPAL AP	1948-01-01	1952-01-01	35° 1'	-110° 43'	4885		AIRWAYS,COOP
WINSLOW MUNICIPAL AP	1976-01-01	1979-08-31	35° 1'	-110° 43'	4890		COOP,WXSVC
WINSLOW MUNICIPAL AP	1981-12-31	1995-07-01	35° 1'	-110° 43'	4890		COOP
WINSLOW MUNICIPAL AP	1968-01-01	1976-01-01	35° 1'	-110° 43'	4882		COOP,WXSVC
WINSLOW MUNICIPAL AP	1996-01-01	2007-06-15	35° 1'	-110° 43'	4886		ASOS,COOP
WINSLOW MUNICIPAL AP	1952-01-01	1968-01-01	35° 1'	-110° 43'	4882		AIRWAYS,COOP
WINSLOW MUNICIPAL AP	2007-06-15	Present	35° 1'	-110° 43'	4886		ASOS,COOP
WINSLOW MUNICIPAL AP	1980-02-01	1981-12-31	35° 1'	-110° 43'	4890		COOP,WXSVC
WINSLOW MUNICIPAL AP	1995-07-01	1996-01-01	35° 1'	-110° 43'	4886	.5 MI N	ASOS,COOP
WINSLOW MUNICIPAL AP	1932-01-01	1948-01-01	35° 1'	-110° 43'			AIRWAYS
WINSLOW MUNICIPAL AP	1979-08-31	1980-02-01	35° 1'	-110° 43'	4890		COOP

Element History

Element	Begin Date	End Date	Frequency	Time Of Observation	Equipment *	Equipment * Modifications	Equipment Exposure
TEMP	1932-01-01	1960-06-01	DAILY	2400	MXMN		
PRECIP	1960-06-01	1979-10-15	DAILY	2400	UNIV	RCRD	
TEMP	1982-01-01	1993-01-25	DAILY	2400	TEMPX		
PRECIP	1982-01-01	1993-01-25	HOURLY	2400	UNIV	RCRD	
WIND	2002-11-21	2006-01-30	HOURLY	UNKN	ANEMCUP		
WIND	2006-01-30	2007-06-15	HOURLY	UNKN	ANEMSONIC		
PRECIP	1979-10-15	1982-01-01	DAILY	2400	UNIV	RCRD	
PRECIP	1993-01-25	1995-07-01	DAILY	2400	UNIV	RCRD	
WIND	1995-07-01	1996-07-23	HOURLY	UNKN	ANEMCUP		
PRECIP	2006-01-30	2007-06-15	DAILY	2400			
TEMP	2007-06-15	Present	DAILY	2400	ATEMP		
PRECIP	1931-02-01	1931-10-31	DAILY	2400	UNIV	RCRD	
PRECIP	1932-01-01	1960-06-01	DAILY	2400	UNIV	RCRD	
TEMP	1979-10-15	1982-01-01	DAILY	2400	TEMPX		
TEMP	1993-01-25	1995-07-01	DAILY	2400	MXMN		
PRECIP	1993-01-25	1995-07-01	HOURLY	2400	UNIV	RCRD	
PRECIP	1996-07-23	2002-11-21	DAILY	2400			
PRECIP	2007-06-15	Present	DAILY	2400	PCPNX		
PRECIP	2007-06-15	Present	HOURLY	2400	AWPAG	RCRD;HTD	
PRECIP	1982-01-01	1993-01-25	DAILY	2400	UNIV	RCRD	
TEMP	1995-07-01	1996-07-23	DAILY	2400	HYGR		
PRECIP	1996-07-23	2002-11-21	HOURLY	2400	TB	RCRD	
TEMP	1996-07-23	2002-11-21	DAILY	2400	HYGR		
PRECIP	1995-07-01	1996-07-23	DAILY	2400	TB	RCRD	
PRECIP	2002-11-21	2006-01-30	HOURLY	2400	TB	RCRD	
WIND	2007-06-15	Present	HOURLY	UNKN	ANEMSONIC		
TEMP	1931-02-01	1931-10-31	DAILY	2400	MXMN		
TEMP	1960-06-01	1979-10-15	DAILY	2400	HYGR		
WIND	1996-07-23	2002-11-21	HOURLY	UNKN	ANEMCUP		
PRECIP	2002-11-21	2006-01-30	DAILY	2400			
TEMP	2002-11-21	2006-01-30	DAILY	2400	ATEMP		
TEMP	2006-01-30	2007-06-15	DAILY	2400	ATEMP		
PRECIP	1995-07-01	1996-07-23	HOURLY	2400	TB	RCRD	
PRECIP	2006-01-30	2007-06-15	HOURLY	2400	TB	RCRD	

* For explanation of codes and abbrevitions see Station Metadata link below.

Other Station Information can be found at:
ASOS Implementation by NWS: http://www.nws.noaa.gov/ops2/Surface/asosimplementation.htm
Station Metadata website: http://www.ncdc.noaa.gov/homr

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