

STAFF EXHIBIT 1

NRC-053

01/07/2015

Submitted: 5/8/2015

U.S. Department of Commerce
National Oceanic & Atmospheric Administration
National Environmental Satellite, Data, and Information Service

Record of Climatological Observations

These data are quality controlled and may not be
identical to the original observations.

National Climatic Data Center
Federal Building
151 Patton Avenue
Asheville, North Carolina 28801
www.ncdc.noaa.gov

Station: CHADRON 3 NE, NE US

GHCND:USC00251578

Observation Time Temperature: 1900 Observation Time Precipitation: 1900

Elev: 3463 ft. Lat: 42.837° N Lon: 102.953° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in dep h		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	11	1	59	29	47	0.00		0.0		0								
	2012	11	2	62	36	45	0.00		0.0		0								
	2012	11	3	63	25	38	0.00		0.0		0								
	2012	11	4	56	26	45	0.00		0.0		0								
	2012	11	5	62	25	52	0.00		0.0		0								
	2012	11	6	60	34	37	0.00		0.0		0								
	2012	11	7	77	31	53	0.00		0.0		0								
	2012	11	8	63	36	39	0.00		0.0		0								
	2012	11	9	54	32	37	0.00		0.0		0								
	2012	11	10	37	19	19	0.28		3.8		3								
	2012	11	11	26	9	19	0.00		0.0		2								
	2012	11	12	41	7	26	0.00		0.0		1								
	2012	11	13	47	17	33	0.00		0.0		0								
	2012	11	14	52	22	43	0.00		0.0		0								
	2012	11	15	50	30	42	0.00		0.0		0								
	2012	11	16	64	38	52	0.00		0.0		0								
	2012	11	17	63	39	42	0.00		0.0		0								
	2012	11	18	68	36	52	0.00		0.0		0								
	2012	11	19	62	24	44	0.00		0.0		0								
	2012	11	20	71	32	44	0.00		0.0		0								
	2012	11	21	72	37	55	0.00		0.0		0								
	2012	11	22	55	31	31	0.00		0.0		0								
	2012	11	23	48	11	32	0.00		0.0		0								
	2012	11	24	61	28	40	0.00		0.0		0								
	2012	11	25	40	31	32	0.30		0.7		1								
	2012	11	26	34	19	21	0.35		4.5		4								
	2012	11	27	31	12	20	0.00		0.0		2								
	2012	11	28	41	11	24	0.00		0.0		1								
	2012	11	29	50	19	32	0.00		0.0		0								
	2012	11	30	64	28	45	0.00		0.0		0								
Summary				54.4	25.8		0.93		9.0										

The "*" flags in Preliminary indicate the data have not completed processing and quality control and may not be identical to the original observation

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover 1=Grass 2=Fallow 3=Bare Ground 4=Brome grass 5=Sod 6=Straw mulch 7=Grass muck 8=Bare muck 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation category above indicate a TRACE value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

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Station: **CHADRON 3 NE, NE US**

GHEND:USC00251578

Observation Time Temperature: 1900 Observation Time Precipitation: 1900

Elev: 3463 ft. Lat: 42.837° N Lon: 102.953° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in dep h		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	12	1	58	33	40	0.00		0.0		0								
	2012	12	2	67	33	58	0.00		0.0		0								
	2012	12	3	60	29	35	0.00		0.0		0								
	2012	12	4	55	30	47	0.00		0.0		0								
	2012	12	5	67	31	54	0.00		0.0		0								
	2012	12	6	54	29	29	T		0.0		0								
	2012	12	7	41	28	34	0.00		0.0		0								
	2012	12	8	45	18	29	0.00		0.0		0								
	2012	12	9	29	-2	-2	0.08		2.1		2								
	2012	12	10	33	-4	22	0.00		0.0		1								
	2012	12	11	42	17	38	0.00		0.0		0								
	2012	12	12	56	25	44	0.00		0.0		0								
	2012	12	13	53	26	49	0.00		0.0		0								
	2012	12	14	50	26	35	0.00		0.0		0								
	2012	12	15	41	19	29	0.00		0.0		0								
	2012	12	16	46	24	25	0.00		0.0		0								
	2012	12	17	50	13	47	0.00		0.0		0								
	2012	12	18	47	26	32	0.00		0.0		0								
	2012	12	19	32	15	16	0.05		0.7		1								
	2012	12	20	41	10	32	0.00		0.0		T								
	2012	12	21	52	13	33	0.00		0.0		0								
	2012	12	22	47	21	28	0.00		0.0		0								
	2012	12	23	44	9	11	0.00		0.0		0								
	2012	12	24	23	8	8	0.04		0.9		1								
	2012	12	25	11	0	2	0.09		2.2		3								
	2012	12	26	19	-9	17	0.00		0.0		3								
	2012	12	27	17	7	7	0.03		1.0		4								
	2012	12	28	25	-9	23	0.00		0.0		4								
	2012	12	29	29	10	21	0.00		0.0		2								
	2012	12	30	28	8	13	0.00		0.0		2								
	2012	12	31	24	4	14	0.00		0.0		1								
Summary				41.5	15.7		0.29		6.9										

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Station: **FORT ROBINSON, NE US**

GHCND:USC00253015

Observation Time Temperature: 0800 Observation Time Precipitation: 0800

Elev: 3812 ft. Lat: 42.666° N Lon: 103.462° W

P r e l i m i n a r y	Y e a r	M o n t h	D a y	Temperature (F)			Precipitation(see **)					Evaporation		Soil Temperature (F)					
				24 hrs. ending at observation time		at O b s e r v a t i o n	24 Hour Amounts ending at observation time				At Obs Time	24 Hour Wind Movement (mi)	Amount of Evap. (in)	4 in depth			8 in dep h		
				Max.	Min.		Rain, melted snow, etc. (in)	F l a g	Snow, ice pellets, hail (in)	F l a g	Snow, ice pellets, hail, ice on ground (in)			Ground Cover (see *)	Max.	Min.	Ground Cover (see *)	Max.	Min.
	2012	11	1	70	31	39	0.00		0.0		0								
	2012	11	2	69	31	35	0.00		0.0		0								
	2012	11	3	64	26		0.00		0.0		0								
	2012	11	4	60	31		0.00		0.0		0								
	2012	11	5	64	29	37	0.00		0.0		0								
	2012	11	6	63	34	38	0.00		0.0		0								
	2012	11	7	76	31	36	0.00		0.0		0								
	2012	11	8	75	32	32	0.00		0.0		0								
	2012	11	9	54	25	34	0.00		0.0		0								
	2012	11	10	52	23	33	0.00		0.0		0								
	2012	11	11	33	4	15	0.00		0.0		0								
	2012	11	12	43	12	17	0.00		0.0		0								
	2012	11	13	48	17	33	0.00		0.0		0								
	2012	11	14	53	24	28	0.00		0.0		0								
	2012	11	15	54	23	28	0.00		0.0		0								
	2012	11	16	63	28	36	0.00		0.0		0								
	2012	11	17	62	36		0.00		0.0		0								
	2012	11	18	65	31		0.00		0.0		0								
	2012	11	19	65	25	36	0.00		0.0		0								
	2012	11	20	68	28	42	0.00		0.0		0								
	2012	11	21	69	34		0.00		0.0		0								
	2012	11	22	64	36		0.00		0.0		0								
	2012	11	23	48	20		0.00		0.0		0								
	2012	11	24	62	26		0.00		0.0		0								
	2012	11	25	57	32		0.00		0.0		0								
	2012	11	26	34	23	25	0.23		3.8		4								
	2012	11	27	35	13	14	0.01		0.2		3								
	2012	11	28	46	14	26	0.00		0.0		2								
	2012	11	29	55	24	33	0.00		0.0		1								
	2012	11	30	63	29	39	0.00		0.0		0								
Summary				57.8	25.7		0.24		4.0										

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