

CHEYENNE RIVER BASIN

435827104032500 PRECIP AT LITTLE BEAR RUN NEAR NEWCASTLE, WY

LOCATION.--Lat 43°58'27", long 104°03'25", in NW¼ SW¼ SW¼ sec.10, T.46 N., R.61 W., Weston County, Hydrologic Unit 10120107, 1.2 mi northwest of Moon, 3.2 mi south-southeast of Four Corners, and 4.2 mi northeast of Newcastle.

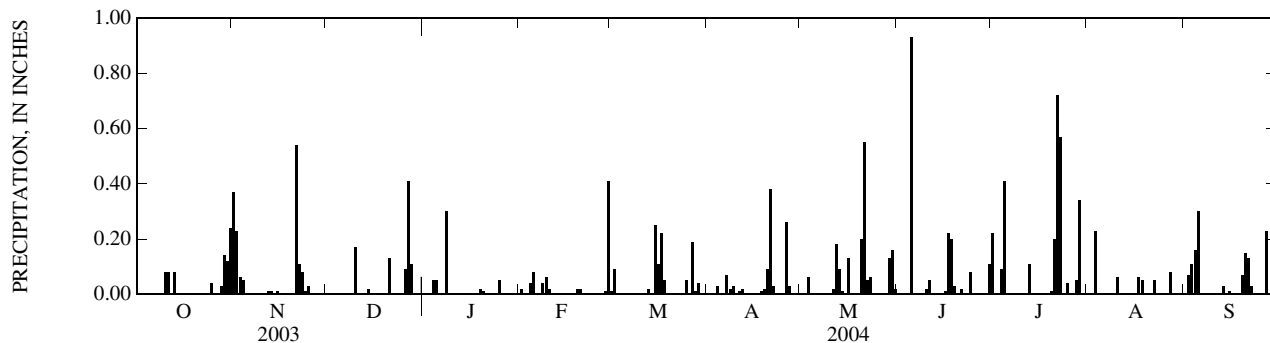
PERIOD OF RECORD.--September 1991 to current year.

INSTRUMENTATION.--Precipitation recorder with shielded 8.0-in. orifice and 12-in. capacity. Elevation of gage is 6,250 ft above NGVD of 1929, from topographic map.

REMARKS.--Records fair.

PRECIPITATION, INCHES  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.37	0.00	0.00	0.02	0.01	0.00	0.00	0.00	0.22	0.00	0.00
2	0.00	0.23	0.00	0.00	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.07
3	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.23	0.11
4	0.00	0.05	0.00	0.05	0.04	0.00	0.03	0.00	0.00	0.09	0.00	0.16
5	0.00	0.00	0.00	0.05	0.08	0.00	0.00	0.00	0.93	0.41	0.00	0.30
6	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	0.00	0.00
8	0.00	0.00	0.00	0.30	0.04	0.00	0.02	0.00	0.00	0.00	0.00	0.00
9	0.00	0.00	0.00	0.00	0.06	0.00	0.03	0.00	0.00	0.00	0.00	0.00
10	0.08	0.00	0.17	0.00	0.02	0.00	0.00	0.00	0.02	0.00	0.06	0.00
11	0.08	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.05	0.00	0.00	0.00
12	0.00	0.01	0.00	0.00	0.00	0.00	0.02	0.18	0.00	0.00	0.00	0.00
13	0.08	0.01	0.00	0.00	0.00	0.02	0.00	0.09	0.00	0.11	0.00	0.03
14	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00
15	0.00	0.01	0.00	0.00	0.00	0.25	0.00	0.00	0.00	0.00	0.00	0.01
16	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.13	0.01	0.00	0.00	0.00
17	0.00	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.22	0.00	0.06	0.00
18	0.00	0.00	0.00	0.00	0.00	0.05	0.01	0.00	0.20	0.00	0.05	0.00
19	0.00	0.00	0.00	0.02	0.02	0.00	0.02	0.00	0.03	0.00	0.00	0.07
20	0.00	0.00	0.00	0.01	0.02	0.00	0.09	0.20	0.00	0.01	0.00	0.15
21	0.00	0.54	0.13	0.00	0.00	0.00	0.38	0.55	0.02	0.20	0.00	0.13
22	0.00	0.11	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.72	0.05	0.03
23	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.57	0.00	0.00
24	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00	0.00
25	0.04	0.03	0.00	0.05	0.00	0.05	0.00	0.00	0.00	0.04	0.00	0.00
26	0.00	0.00	0.09	0.00	0.00	0.00	0.26	0.00	0.00	0.00	0.00	0.00
27	0.00	0.00	0.41	0.00	0.00	0.19	0.03	0.00	0.00	0.00	0.08	0.23
28	0.03	0.00	0.11	0.00	0.01	0.01	0.00	0.00	0.00	0.05	0.00	0.00
29	0.14	0.00	0.00	0.00	0.41	0.04	0.00	0.13	0.00	0.34	0.00	0.00
30	0.12	0.00	0.00	0.00	---	0.00	0.00	0.16	0.11	0.00	0.00	0.00
31	0.24	---	0.00	0.00	---	0.00	---	0.02	---	0.00	0.00	---
TOTAL	0.81	1.51	0.93	0.48	0.72	1.04	1.00	1.66	1.67	2.76	0.53	1.29
CAL YR	2003	TOTAL 18.39										
WTR YR	2004	TOTAL 14.40										



DAILY PRECIPITATION STATIONS

CHEYENNE RIVER BASIN

434002103214500 PRECIP AT RACETRACK BUTTE NEAR FAIRBURN, SD

LOCATION.--Lat 43°40'02", long 103°21'45", in SW¼ SE¼ SE¼ sec.26, T.4 S., R.6 E., Custer County, Hydrologic Unit 10120109, 100 ft east of Wildlife Loop Road CSP #1, 0.8 mi southeast of Racetrack Butte, and 7.0 mi west of Fairburn.

PERIOD OF RECORD.--October 1983 to current year. Published as Custer State Park from October 1983 to September 1987, and as Precip at Custer State Park at Racetrack Butte, near Fairburn, SD, from October 1987 to September 1989.

INSTRUMENTATION.--Precipitation recorder with shielded 8.0-in. orifice and 12-in. capacity. Elevation of gage is 3,970 ft above NGVD of 1929, from topographic map.

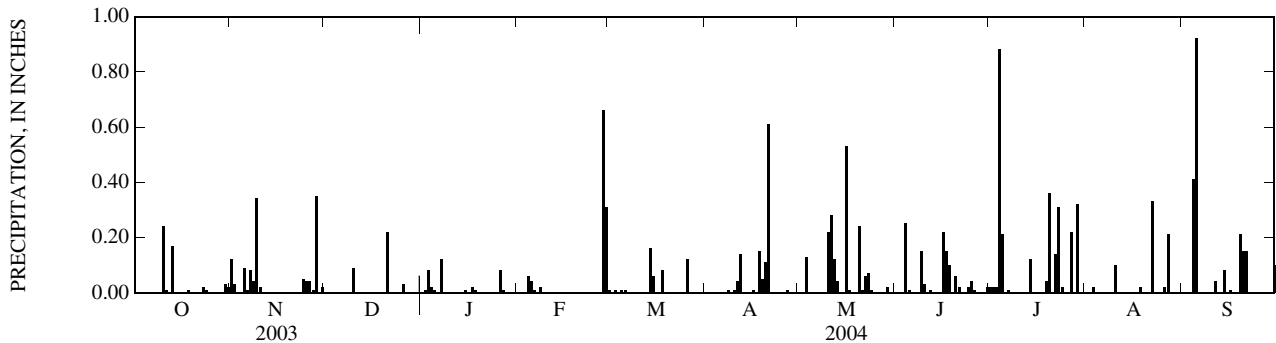
AVERAGE ANNUAL PRECIPITATION.--21 years, 18.59 in.

REMARKS.--Records fair.

PRECIPITATION, INCHES  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1	0.00	0.12	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00		
2	0.00	0.03	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00		
3	0.00	0.00	0.00	0.08	0.00	0.01	0.00	0.13	0.00	0.02	0.02	0.00		
4	0.00	0.00	0.00	0.02	0.06	0.00	0.00	0.00	0.25	0.88	0.00	0.41		
5	0.00	0.09	0.00	0.01	0.04	0.01	0.00	0.00	0.01	0.21	0.00	0.92		
6	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00		
7	0.00	0.08	0.00	0.12	0.00	0.00	0.00	0.00	0.00	e0.01	0.00	0.00		
8	0.00	0.04	0.00	0.00	0.02	0.00	0.01	0.00	0.00	0.00	0.00	0.00		
9	0.00	0.34	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00		
10	0.24	0.02	0.09	0.00	0.00	0.00	0.01	0.22	0.03	0.00	0.10	0.00		
11	0.01	0.00	0.00	0.00	0.00	0.00	0.04	0.28	0.00	0.00	0.00	0.04		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.14	0.12	0.01	0.00	0.00	0.00		
13	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.00		
14	0.00	0.00	0.00	0.00	0.00	0.16	0.00	0.00	0.00	0.12	0.00	0.08		
15	0.00	0.00	0.00	0.01	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00		
16	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.53	0.22	0.00	0.00	0.01		
17	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.01	0.15	0.00	0.00	0.00		
18	0.01	0.00	0.00	0.01	0.00	0.08	0.15	0.00	0.10	0.00	0.02	0.00		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.04	0.00	0.21		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.24	0.06	0.36	0.00	0.15		
21	0.00	0.00	0.22	0.00	0.00	0.00	0.61	0.01	0.02	0.00	0.00	0.15		
22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.14	0.33	0.00		
23	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.31	0.00	0.00		
24	0.01	0.05	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.00	0.00		
25	0.00	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00		
26	0.00	0.04	0.03	0.08	0.00	0.12	0.00	0.00	0.01	0.00	0.02	0.00		
27	0.00	0.01	0.00	0.01	0.00	0.00	0.01	0.00	0.00	0.22	0.21	0.00		
28	0.00	0.35	0.00	0.00	0.66	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
29	0.00	0.00	0.00	0.00	0.31	0.00	0.00	0.02	0.00	0.32	0.00	0.00		
30	0.03	0.02	0.00	0.00	---	0.00	0.00	0.00	0.02	0.00	0.00	0.10		
31	0.02	---	0.00	0.00	---	0.00	---	0.00	---	0.00	0.00	---		
TOTAL	0.51	1.24	0.34	0.37	1.10	0.46	1.14	1.74	1.09	2.69	0.70	2.07		
CAL YR	2003	TOTAL	19.54											
WTR YR	2004	TOTAL	13.45											

e Estimated.



00430061 HURON WELL FIELD  
(National Trends Network Acid Precipitation Station)

LOCATION.--Lat 44°21'18", long 98°17'27" (revised), 3.0 mi west of the City of Huron at the City of Huron Municipal Well Field.

PRECIPITATION RECORDS

PERIOD OF RECORD.--December 1983 to current year.

INSTRUMENTATION.--The sample collector is a straight-sided polyethylene bucket that is triggered into opening and closing by a precipitation switch, and a shielded weighing-type precipitation recorder. Installation and equipment conforms to guidelines set by National Atmospheric Deposition Program.

REMARKS.--Records good. Field measurements are taken as part of the National Atmospheric Deposition Program and National Trends Network (NADP/NTN).

PRECIPITATION, INCHES  
WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004  
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.05	<0.01	0.15	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	<0.01	0.40	0.00
3	0.00	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	0.67	0.00
4	0.00	0.00	0.14	0.00	0.00	<0.01	0.00	0.00	0.35	0.00	0.05	1.12
5	0.00	0.00	0.00	0.00	0.01	0.00	0.00	<0.01	0.15	1.30	0.01	1.23
6	0.00	0.00	0.00	0.00	0.00	<0.01	0.00	0.00	0.00	0.10	0.00	0.00
7	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.02
8	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.23	0.02	0.00	0.03
9	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.72	<0.01	0.00	0.00
10	0.20	0.00	0.00	0.00	0.00	<0.01	0.00	0.00	0.43	0.29	0.03	0.00
11	0.60	0.00	0.00	0.00	0.00	0.00	0.01	0.58	0.28	0.26	<0.01	0.03
12	0.00	<0.01	0.00	0.00	0.00	0.00	0.00	0.80	0.01	0.14	<0.01	0.00
13	0.00	0.00	0.00	0.00	0.00	<0.01	0.00	0.00	0.31	<0.01	0.00	<0.01
14	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	0.00	0.01	0.01	0.00	0.37
15	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.43	0.01	0.17	0.10	0.84
16	<0.01	0.00	0.00	0.00	0.00	0.04	0.00	0.67	0.02	0.00	0.00	0.00
17	0.00	0.00	0.04	0.00	0.00	0.16	0.00	0.00	<0.01	0.02	<0.01	0.00
18	0.00	0.00	0.00	0.00	0.00	0.00	0.26	0.00	0.00	0.00	<0.01	0.00
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
20	0.00	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.17	0.00	0.12
21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	<0.01	0.00	0.21
22	0.00	0.15	0.02	0.00	0.00	0.00	0.00	0.24	0.00	<0.01	0.00	0.96
23	0.00	0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.41
24	<0.01	0.00	0.00	0.00	0.00	0.00	0.13	0.29	0.18	0.00	<0.01	0.00
25	0.00	0.00	0.00	0.05	0.00	<0.01	<0.01	0.00	0.00	0.00	<0.01	0.00
26	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	0.00	0.00	<0.01	0.00
27	0.15	0.00	<0.01	0.00	0.00	1.41	0.00	0.04	0.03	0.05	<0.01	0.00
28	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.07	0.00	0.17	<0.01	0.00
29	0.09	0.00	0.00	0.00	0.78	0.00	<0.01	0.00	0.00	0.04	<0.01	0.00
30	0.06	0.00	0.00	0.04	---	0.00	0.00	0.08	<0.01	0.01	0.00	0.24
31	<0.01	---	0.00	<0.01	---	0.00	---	<0.01	---	0.00	0.14	---
TOTAL	1.14	0.26	0.21	0.10	0.82	1.93	1.56	3.30	2.77	2.98	1.56	5.60
CAL YR	2003	TOTAL 16.83										
WTR YR	2004	TOTAL 22.23										

< Actual value is known to be less than the value shown

