

DAILY PRECIPITATION STATIONS

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.

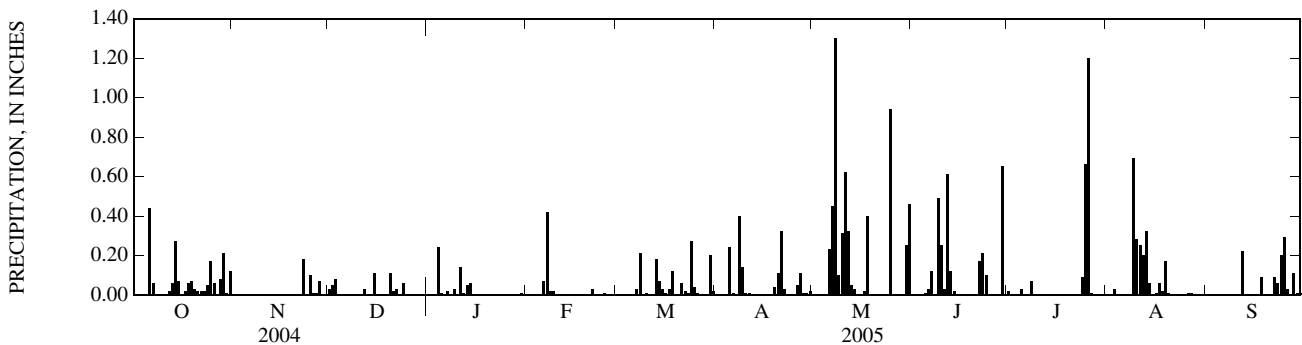
PERIOD OF RECORD.--September 1991 to September 2005(discontinued).

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 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00
2	0.00	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
3	0.00	0.00	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
4	0.00	0.00	0.00	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.01	0.00	0.00	0.24	0.00	0.01	0.03	0.00	0.00
6	0.44	0.00	0.00	0.00	0.07	0.00	0.01	0.23	0.03	0.00	0.00	0.00
7	0.06	0.00	0.00	0.02	0.42	0.03	0.00	0.45	0.12	0.00	0.00	0.00
8	0.00	0.00	0.00	0.00	0.02	0.21	0.40	1.30	0.00	0.07	0.00	0.00
9	0.00	0.00	0.00	0.03	0.02	0.00	0.14	0.10	0.49	0.00	0.69	0.00
10	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.31	0.25	0.00	0.28	0.00
11	0.00	0.00	0.00	0.14	0.00	0.00	0.01	0.62	0.03	0.00	0.25	0.00
12	0.02	0.00	0.03	0.01	0.00	0.00	0.00	0.32	0.61	0.00	0.20	0.22
13	0.06	0.00	0.00	0.05	0.00	0.18	0.00	0.05	0.12	0.00	0.32	0.00
14	0.27	0.00	0.00	0.06	0.00	0.07	0.00	0.03	0.02	0.00	0.06	0.00
15	0.07	0.00	0.11	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00
16	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.01	0.00
17	0.02	0.00	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.00	0.06	0.00
18	0.06	0.00	0.00	0.00	0.00	0.12	0.00	0.40	0.00	0.00	0.02	0.09
19	0.07	0.00	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.17	0.00
20	0.03	0.00	0.11	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.01	0.00
21	0.02	0.00	0.02	0.00	0.03	0.06	0.32	0.00	0.00	0.00	0.00	0.00
22	0.02	0.00	0.03	0.00	0.00	0.02	0.03	0.00	0.17	0.00	0.00	0.09
23	0.02	0.18	0.00	0.00	0.00	0.01	0.00	0.00	0.21	0.00	0.00	0.06
24	0.05	0.00	0.06	0.00	0.00	0.27	0.00	0.00	0.10	0.09	0.00	0.20
25	0.17	0.10	0.00	0.00	0.01	0.04	0.00	0.94	0.00	0.66	0.00	0.29
26	0.06	0.01	0.00	0.00	0.00	0.01	0.05	0.00	0.00	1.20	0.01	0.03
27	0.00	0.01	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.01	0.01	0.00
28	0.08	0.07	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.11
29	0.21	0.00	0.00	0.00	---	0.00	0.01	0.00	0.65	0.00	0.00	0.01
30	0.01	0.00	0.00	0.01	---	0.20	0.02	0.25	0.00	0.00	0.00	0.01
31	0.12	---	0.00	0.00	---	0.02	---	0.46	---	0.00	0.00	---
TOTAL	1.86	0.37	0.52	0.57	0.57	1.32	1.51	5.48	2.81	2.08	2.12	1.11
CAL YR	2004	TOTAL 13.90										
WTR YR	2005	TOTAL 20.32										



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.--22 years, 18.63 in.

REMARKS.--Records fair.

PRECIPITATION, INCHES
WATER YEAR OCTOBER 2004 TO SEPTEMBER 2005
DAILY SUM VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP		
1	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.23	0.00	0.00		
2	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00		
3	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.45	0.00		
4	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00		
5	0.00	0.00	0.00	0.33	0.02	0.00	0.02	0.01	0.02	2.26	0.00	0.00		
6	0.00	0.00	0.00	0.02	0.00	0.02	0.00	0.00	0.03	0.00	0.00	0.00		
7	0.00	0.00	0.00	0.00	0.25	0.00	0.00	0.41	0.19	0.00	0.00	0.00		
8	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00	0.00	0.00		
9	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.18	0.00	0.02	0.05		
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.03	0.00	0.33	0.00		
11	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.59	0.80	0.16	0.14	0.00		
12	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.03	0.50	0.00	1.63	0.05		
13	0.00	0.00	0.00	0.03	0.00	0.02	0.00	0.10	0.70	0.00	0.10	0.00		
14	0.05	0.00	0.00	0.05	0.06	0.00	0.00	0.00	0.05	0.00	0.00	0.00		
15	0.00	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00	0.00	0.00	0.00	e0.00		
17	0.00	0.00	0.00	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.01	e0.00		
18	0.00	0.01	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.12	e0.15		
19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	e0.00		
20	0.00	0.00	0.00	0.00	0.00	0.00	0.21	0.00	0.00	0.00	0.00	e0.00		
21	0.00	0.00	0.00	0.00	0.00	0.28	0.91	0.00	0.00	0.00	0.00	e0.00		
22	1.14	0.00	0.00	0.00	0.00	0.03	0.05	0.00	0.00	0.00	0.00	e0.00		
23	0.00	0.05	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	e0.01		
24	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.25	0.01	e0.18		
25	0.03	0.00	0.00	0.00	0.00	0.01	0.01	0.20	0.00	0.80	0.20	e0.22		
26	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.40	0.00	e0.00		
27	0.00	0.00	0.00	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	e0.00		
28	0.00	0.02	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	e0.11		
29	0.13	0.01	0.00	0.00	---	0.06	0.07	0.00	0.00	0.00	0.00	e0.00		
30	0.00	0.00	0.00	0.13	---	0.16	0.00	0.35	0.00	0.01	0.00	e0.00		
31	0.02	---	0.00	0.00	---	0.00	---	0.72	---	0.04	0.00	---		
TOTAL	1.37	0.12	0.00	0.81	0.34	1.09	1.45	3.78	2.63	4.15	3.04	0.77		
CAL YR	2004	TOTAL	12.85											
WTR YR	2005	TOTAL	19.55											

e Estimated

