Water-Data Report 2007

462905112035401 MCBEATH RESIDENCE NEAR CLANCY, MT (MT07)

Upper Missouri Basin

LOCATION.--Lat 46°29′05″, long 112°03′54″ referenced to North American Datum of 1927, in NE ¼ NW ¼ NE ¼ sec.2, T.8 N., R.4 W., Jefferson County, MT, Hydrologic Unit 10030101, at National Forest boundary fence at private residence on Lump Gulch Road, 5.1 mi west of Clancy and 10 mi south of Helena.

CLIMATOLOGICAL RECORDS

PERIOD OF RECORD.--Water years 1981-1982, 1984 to current year. Prior to Oct. 1984, published as 462905112034001.

INSTRUMENTATION.--The sample collector is an Aerochem Metrics Model 301 precipitation collector. An automatic sensor detects occurrences of precipitation, activating a motor which removes a cover from the wetfall collection vessel. When precipitation ceases, the cycle is reversed. The sampling vessel is polyethylene and has a collection diameter of 28.6 cm and a capacity of 13 liters. Precipitation is measured using a Belfort Universal rain gage, series 5-780 with an event recorder. (The use of the brand name in this report is for identifiction purposes only and does not imply endorsement by the U.S. Geological Survey.) Snowfall precipitation is measured as a water equivalent.

REMARKS.--Precipitation samples from this site were analyzed through the National Atmospheric Deposition Program. Chemical data are available through the internet at http://nadp.sws.uiuc.edu/sites/sitemap.asp?net=NTN&state=MT07. Missing data for Nov. 8-14 due to frozen instrumentation.

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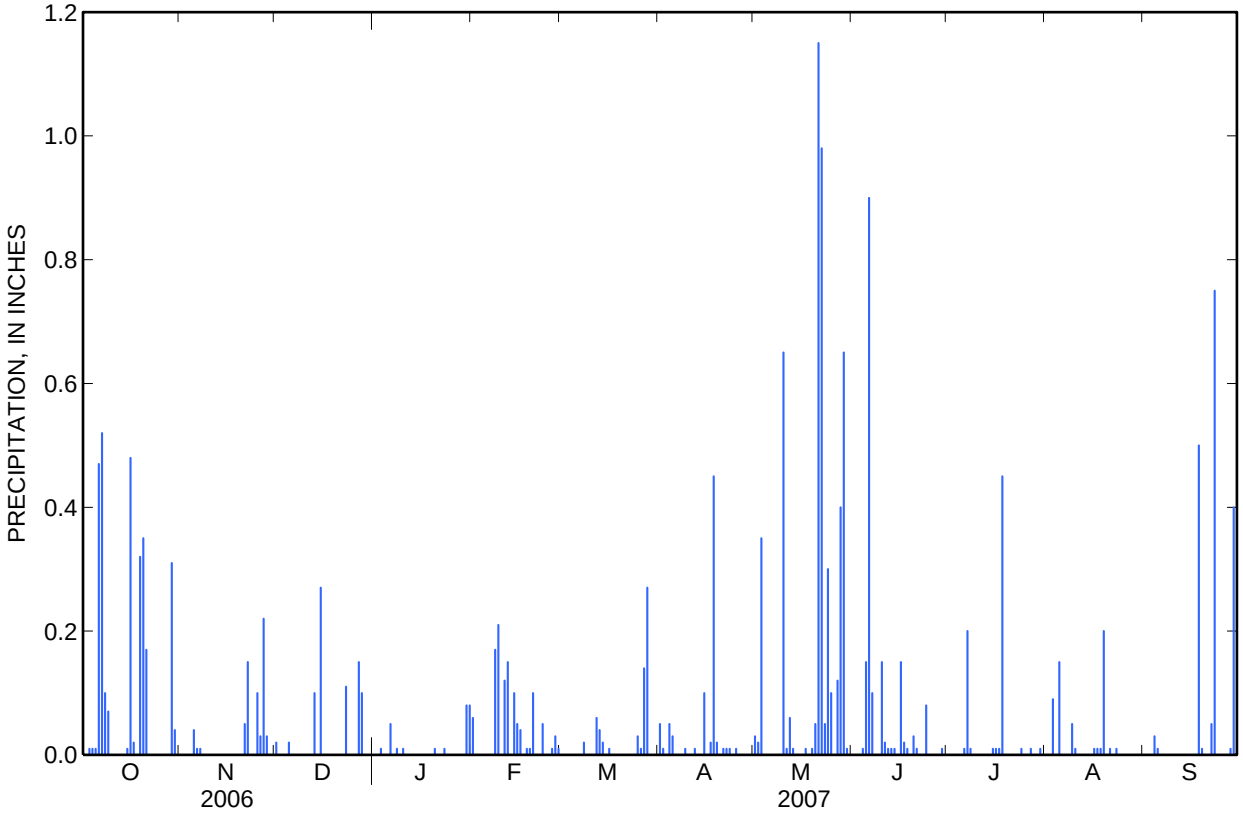
PRECIPITATION, TOTAL, INCHES
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007
DAILY SUM VALUES
[<, less than]

Day	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1	0.00	0.00	0.02	0.00	0.06	0.00	0.05	0.03	0.00	0.00	0.00	0.00
2	0.00	0.00	0.00	0.00	0.00	0.00	<0.01	0.02	0.00	0.00	0.00	0.00
3	<0.01	0.00	0.00	0.01	0.00	0.00	0.00	0.35	0.00	0.00	0.09	0.00
4	<0.01	0.00	0.00	0.00	0.00	0.00	0.05	0.00	<0.01	0.00	0.00	0.03
5	<0.01	0.04	0.02	0.00	0.00	0.00	0.03	0.00	0.15	0.00	0.15	0.01
6	0.47	<0.01	0.00	0.05	0.00	0.00	0.00	0.00	0.90	<0.01	0.00	0.00
7	0.52	<0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.20	0.00	0.00
8	0.10	---	0.00	<0.01	0.17	0.02	0.00	0.00	0.00	0.01	0.00	0.00
9	0.07	---	0.00	0.00	0.21	0.00	0.01	0.00	0.00	0.00	0.05	0.00
10	0.00	---	0.00	0.01	0.00	0.00	0.00	0.65	0.15	0.00	<0.01	0.00
11	0.00	---	0.00	0.00	0.12	0.00	0.00	<0.01	0.02	0.00	0.00	0.00
12	0.00	---	0.00	0.00	0.15	0.06	0.01	0.06	<0.01	0.00	0.00	0.00
13	0.00	---	0.10	0.00	0.00	0.04	0.00	<0.01	<0.01	0.00	0.00	0.00
14	0.00	---	0.00	0.00	0.10	0.02	0.00	0.00	0.01	0.00	0.00	0.00
15	<0.01	0.00	0.27	0.00	0.05	0.00	0.10	0.00	0.00	0.01	0.00	0.00
16	0.48	0.00	0.00	0.00	0.04	<0.01	0.00	0.00	0.15	0.01	0.01	0.00
17	0.02	0.00	0.00	0.00	0.00	0.00	0.02	<0.01	0.02	<0.01	<0.01	0.00
18	0.00	0.00	0.00	0.00	<0.01	0.00	0.45	0.00	<0.01	0.45	<0.01	0.50
19	0.32	0.00	0.00	0.00	<0.01	0.00	0.02	<0.01	0.00	0.00	0.20	<0.01
20	0.35	0.00	0.00	0.01	0.10	0.00	0.00	0.05	0.03	0.00	0.00	0.00
21	0.17	0.05	0.00	0.00	0.00	0.00	0.01	1.15	<0.01	0.00	<0.01	0.00
22	0.00	0.15	0.00	0.00	0.00	0.00	<0.01	0.98	0.00	0.00	0.00	0.05
23	0.00	0.00	0.11	0.01	0.05	0.00	<0.01	0.05	0.00	0.00	0.01	0.75
24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.30	0.08	<0.01	0.00	0.00
25	0.00	0.10	0.00	0.00	0.00	0.03	0.01	0.10	0.00	0.00	0.00	0.00
26	0.00	0.03	0.00	0.00	<0.01	<0.01	0.00	0.00	0.00	0.00	0.00	0.00
27	0.00	0.22	0.15	0.00	0.03	0.14	0.00	0.12	0.00	0.01	0.00	0.00
28	0.00	0.03	0.10	0.00	<0.01	0.27	0.00	0.40	0.00	0.00	0.00	<0.01
29	0.31	0.00	0.00	0.00	---	0.00	0.00	0.65	<0.01	0.00	0.00	0.40
30	0.04	0.00	0.00	0.08	---	0.00	0.00	<0.01	0.00	<0.01	0.00	0.00
31	0.00	---	0.00	0.08	---	0.00	---	0.00	---	0.00	0.00	---
Total	2.89	---	0.77	0.26	1.12	0.60	0.79	4.96	1.67	0.73	0.55	1.76
Mean	0.09	---	0.02	0.01	0.04	0.02	0.03	0.16	0.06	0.02	0.02	0.06
Max	0.52	---	0.27	0.08	0.21	0.27	0.45	1.15	0.90	0.45	0.20	0.75
Min	0.00	---	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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