

06157500 CYPRESS LAKE EAST OUTFLOW CANAL NEAR VIDORA, SASKATCHEWAN

Upper Missouri Basin
Frenchman Subbasin

LOCATION.--Lat 49°29'12", long 109°21'08" referenced to North American Datum of 1927, in SE ¼ sec.19, T.6., R.25 W., third meridian, Hydrologic Unit 10050013, on right bank 500 ft upstream from Belanger Creek, and 12.3 mi north of Vidora.

SURFACE-WATER RECORDS

PERIOD OF RECORD.--April to October 1940, April 1943 to current season (seasonal records only). Monthly discharge only for some periods, published in Water Supply Paper 1309.

GAGE.--Water-stage recorder. Elevation of gage is 3,180 ft, referenced to the National Geodetic Vertical Datum of 1929. Prior to Sept. 26, 1946, at elevation 2.24 ft higher and Sept. 26, 1946, to May 18, 1950, at elevation 1.54 ft higher.

COOPERATION.--This is one of a number of stations which are maintained jointly by Canada and the United States.

REMARKS.--Records are poor. Canal diverts water from Cypress Lake for irrigation in Frenchman River basin in Saskatchewan. Water Survey of Canada satellite telemeter is located at the station.

EXTREMES FOR PERIOD OF RECORD.--Maximum daily discharge, 202 ft³/s, Apr. 19, 1952; no flow at times most seasons.

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DISCHARGE, CUBIC FEET PER SECOND
CALENDAR YEAR JANUARY TO DECEMBER 2007
DAILY MEAN VALUES

[e, estimated]

| Day | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec |
|--------------|-----|-----|--------|--------|-------|--------|-------|------|------|-------|-----|-----|
| 1 | | | e0.53 | 5.3 | 3.7 | 2.9 | e0.42 | 0.28 | 0.14 | 0.78 | | |
| 2 | | | e0.53 | 4.0 | 3.2 | 3.4 | e0.35 | 0.25 | 0.11 | 0.81 | | |
| 3 | | | e0.53 | 3.1 | 3.4 | 3.2 | e0.32 | 0.21 | 0.11 | 0.42 | | |
| 4 | | | e0.53 | 2.4 | 3.3 | 2.2 | e0.28 | 0.18 | 0.11 | 0.35 | | |
| 5 | | | e0.53 | 2.0 | 3.2 | 1.3 | e0.25 | 0.18 | 0.11 | 0.39 | | |
| 6 | | | e0.53 | 1.8 | 3.1 | 0.78 | e0.25 | 0.18 | 0.11 | 0.46 | | |
| 7 | | | e0.53 | 1.5 | 3.0 | 0.88 | e0.21 | 0.14 | 0.11 | 0.42 | | |
| 8 | | | e0.53 | 1.4 | 3.0 | 0.74 | e0.21 | 0.14 | 0.14 | 0.42 | | |
| 9 | | | e0.53 | 1.4 | 2.9 | 1.2 | e0.18 | 0.14 | 0.14 | 0.39 | | |
| 10 | | | e1.8 | 1.6 | 3.0 | 1.4 | 0.71 | 0.14 | 0.18 | 0.39 | | |
| 11 | | | e2.5 | 1.5 | 3.2 | 2.3 | 0.78 | 0.14 | 0.18 | 0.49 | | |
| 12 | | | e3.5 | 1.4 | 3.2 | 1.5 | 0.71 | 0.11 | 0.18 | 0.49 | | |
| 13 | | | e4.2 | 1.4 | 3.4 | 0.46 | 0.57 | 0.14 | 0.18 | 0.53 | | |
| 14 | | | e4.2 | 1.4 | 3.5 | 0.39 | 0.49 | 0.14 | 0.18 | 0.57 | | |
| 15 | | | e5.3 | 1.1 | 3.6 | e0.35 | 0.49 | 0.14 | 0.25 | 0.57 | | |
| 16 | | | e7.3 | 0.53 | 3.6 | e0.35 | 0.42 | 0.11 | 0.25 | 0.60 | | |
| 17 | | | e25 | 0.53 | 3.0 | e0.32 | 0.39 | 0.11 | 0.25 | 0.71 | | |
| 18 | | | e37 | 0.53 | 1.8 | e0.32 | 0.35 | 0.11 | 0.28 | 0.85 | | |
| 19 | | | e63 | 3.0 | 1.7 | 2.6 | 0.32 | 0.11 | 0.35 | 1.2 | | |
| 20 | | | e60 | 16 | 1.5 | 32 | 0.39 | 0.14 | 0.49 | 1.2 | | |
| 21 | | | e39 | 19 | 1.2 | 23 | 0.42 | 0.11 | 0.39 | 1.2 | | |
| 22 | | | e31 | 19 | 1.0 | e8.3 | 0.35 | 0.11 | 0.32 | 1.4 | | |
| 23 | | | e12 | 18 | 0.99 | e3.5 | 0.32 | 0.07 | 0.39 | 1.3 | | |
| 24 | | | 5.2 | 18 | 1.0 | e2.6 | 0.32 | 0.11 | 0.42 | 1.4 | | |
| 25 | | | 5.3 | 17 | 1.4 | e2.1 | 0.32 | 0.11 | 0.35 | 1.6 | | |
| 26 | | | 4.8 | 16 | 1.1 | e1.6 | 0.28 | 0.11 | 0.35 | 1.7 | | |
| 27 | | | 5.2 | 15 | 0.88 | e1.2 | 0.28 | 0.14 | 0.35 | 1.7 | | |
| 28 | | | 7.4 | 14 | 0.74 | e0.88 | 0.28 | 0.14 | 0.42 | 1.8 | | |
| 29 | | | 4.5 | 13 | 0.60 | e0.71 | 0.28 | 0.14 | 0.74 | 2.0 | | |
| 30 | | | 4.3 | 8.0 | 0.57 | e0.53 | 4.0 | 0.14 | 0.78 | e2.0 | | |
| 31 | | | 4.1 | --- | 1.6 | --- | 0.49 | 0.14 | --- | e2.1 | | |
| Total | | | 341.37 | 208.89 | 71.38 | 103.01 | 15.43 | 4.41 | 8.36 | 30.24 | | |
| Mean | | | 11.0 | 6.96 | 2.30 | 3.43 | 0.50 | 0.14 | 0.28 | 0.98 | | |
| Max | | | 63 | 19 | 3.7 | 32 | 4.0 | 0.28 | 0.78 | 2.1 | | |
| Min | | | 0.53 | 0.53 | 0.57 | 0.32 | 0.18 | 0.07 | 0.11 | 0.35 | | |
| Ac-ft | | | 677 | 414 | 142 | 204 | 31 | 8.7 | 17 | 60 | | |

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