

**15518080 LIGNITE CREEK ABOVE MOUTH NEAR HEALY, AK**

Tanana River Basin  
Nenana River Subbasin

LOCATION.--Lat 63°54'17", long 148°59'01" referenced to North American Datum of 1927, in SE ¼ NE ¼ sec.6, T.11 S., R.7 W., Denali Borough, AK, Hydrologic Unit 19040508, (Healy D-4 quad), on left bank, 300 ft downstream from culverts on access road to Usibelli Coal Mine office, 1,000 ft upstream from mouth, and 3.5 mi north of Healy.

DRAINAGE AREA.--48.1 mi<sup>2</sup>.

**SURFACE-WATER RECORDS**

PERIOD OF RECORD.--1985 to current year.

REMARKS.--Discharge measured previously (Water Years):1985-2012.

EXTREMES FOR PERIOD OF RECORD.--Maximum discharge, 2,400 ft<sup>3</sup>/s, estimated from rating curve extended above 280 ft<sup>3</sup>/s based on surface-float measurement at gage, August 21, 1986, gage height, 11.05 ft. at different site or datum.

**DISCHARGE MEASUREMENTS  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft <sup>3</sup> /s	Gage height, in ft
May 29, 2013	192	2.22
Jun 28, 2013	15.0	1.47
Aug 14, 2013	11.5	1.39

**MAXIMUM PEAK DISCHARGE  
WATER YEAR OCTOBER 2012 TO SEPTEMBER 2013**

Date	Discharge, in ft <sup>3</sup> /s	Discharge qualification code	Gage height, in ft	Gage height qualification code
May 26, 2013	582	9	3.71	---
Aug 23, 2013	245	2	2.43	---

Discharge qualification codes:

2 - Discharge is an estimate

9 - Discharge due to snowmelt, hurricane, ice-jam or debris dam breakup