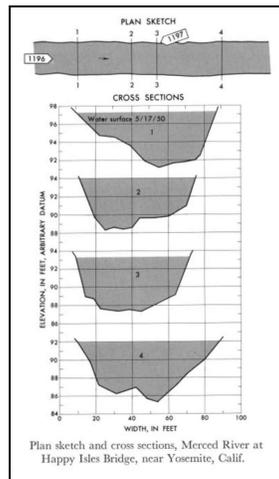


Merced River at Happy Isles Bridge, near Yosemite, Calif



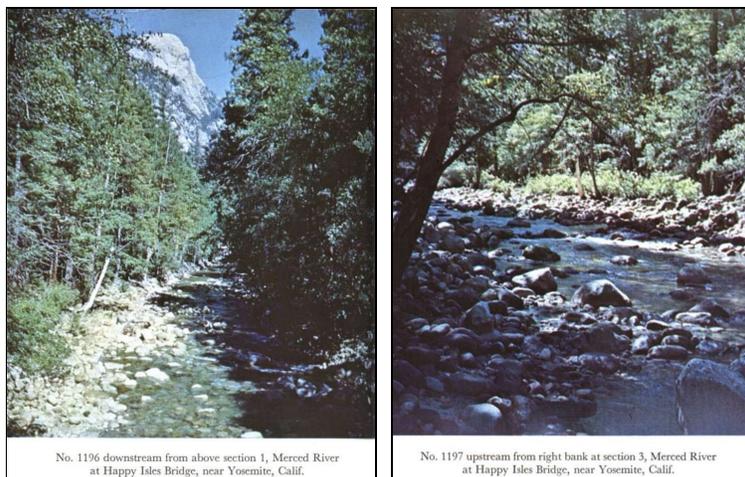
Study Reach.--Section 1 is about 1,000 ft downstream from gage.

Gage Location.--Lat $37^{\circ}43'54''$, long $119^{\circ}33'28''$, on right bank 10 ft downstream from Happy Isles Bridge, 0.4 mile downstream from Illilouette Creek, and 2 miles southeast of Yosemite National Park Headquarters, Mariposa County.

Drainage Area.--181 sq mi.

Gage Datum and Elevations of Reference Points.--Not available.

Stage, Discharge Measurements and Computed n-Values.--Gage heights were 6.06 ft at gage; 97.40 ft (different datum) at section 1. Peak discharges was 1,950 cfs on May 17, 1950.



Description of Channel.--Fairly straight channel is composed of boulders with trees along top of banks; $d_{50} = 253$ mm, $d_{84} = 550$ mm.

Floods.--

Estimated n-Values using Cowan s Approach.--

Key words.--