

SITE NUMBER: ED-115L-01
LOCAL NAME: Twin Valley Springs
WRIA: 20.0115A

NORTH COAST OFF CHANNEL SITE INVENTORY DATA

RIVER SYSTEM: E. F. Dickey **DATE:** 3/23/92 **OBSERVER:** Young

CHANNEL TYPE: Short, low gradient reach of a valley wall tributary

TRIBUTARY TO: Thunder Creek (20.0115)

SITE LOCATION: L.B. @ River Mile: 0.65 (field measurement)

LEGAL DESCRIPTION: NE1/4 S23 T29N R14W

	UPPER END	LOWER END	THUNDER CREEK
<u>WATER TEMP:</u>	9.0° C	9.0° C	9.5° C
<u>FLOW (CFS):</u>	0.1	0.1	

SUBSTRATE TYPE: Gravel.

SITE SIZE: **Length-** 50 to 100 m useable
 Width- Water surface = 60 - 120 cm
 Channel = 1 - 2 m
 Depth- 2 - 5 cm (Max = 15 cm)

WATER SOURCE: Small spring fed valley wall trib.

DIRECTIONS TO SITE: Go north from Forks on Hwy 101 for 3.1 mi. Turn left (west) about 0.1 mi. beyond MP 195 onto the D-2000. Go west on the D-2000 about 5.0 miles to the D-2400 (just past the E.F. Dickey bridge). Turn right onto the D-2400 and drive 0.8 mi. to the Thunder Creek bridge. ED-115L-01 is located on the left bank about 200 m down-stream of the bridge.

FISH ACCESS AND CURRENT USE: This small LB trib enters Thunder Cr. at a fast glide and perpendicular to the flow. Entrance conditions are rather poor. The lower 100 m reach appears to offer usable habitat. Gravel in this channel might possibly accommodate a few coho spawners.

FLOODING POTENTIAL: Moderate in this lower reach.

LANDOWNER: Unknown at this time (probably DNR).

COMMENTS & RECOMMENDATIONS: Two, short, parallel, v-shaped valleys can be seen just downstream of the D-2400 bridge as they cut through the high valley wall along the left bank of Thunder Creek (see aerial photo). ED-115L-01 flows out of the east valley. No water was seen flowing from the smaller valley to the west.

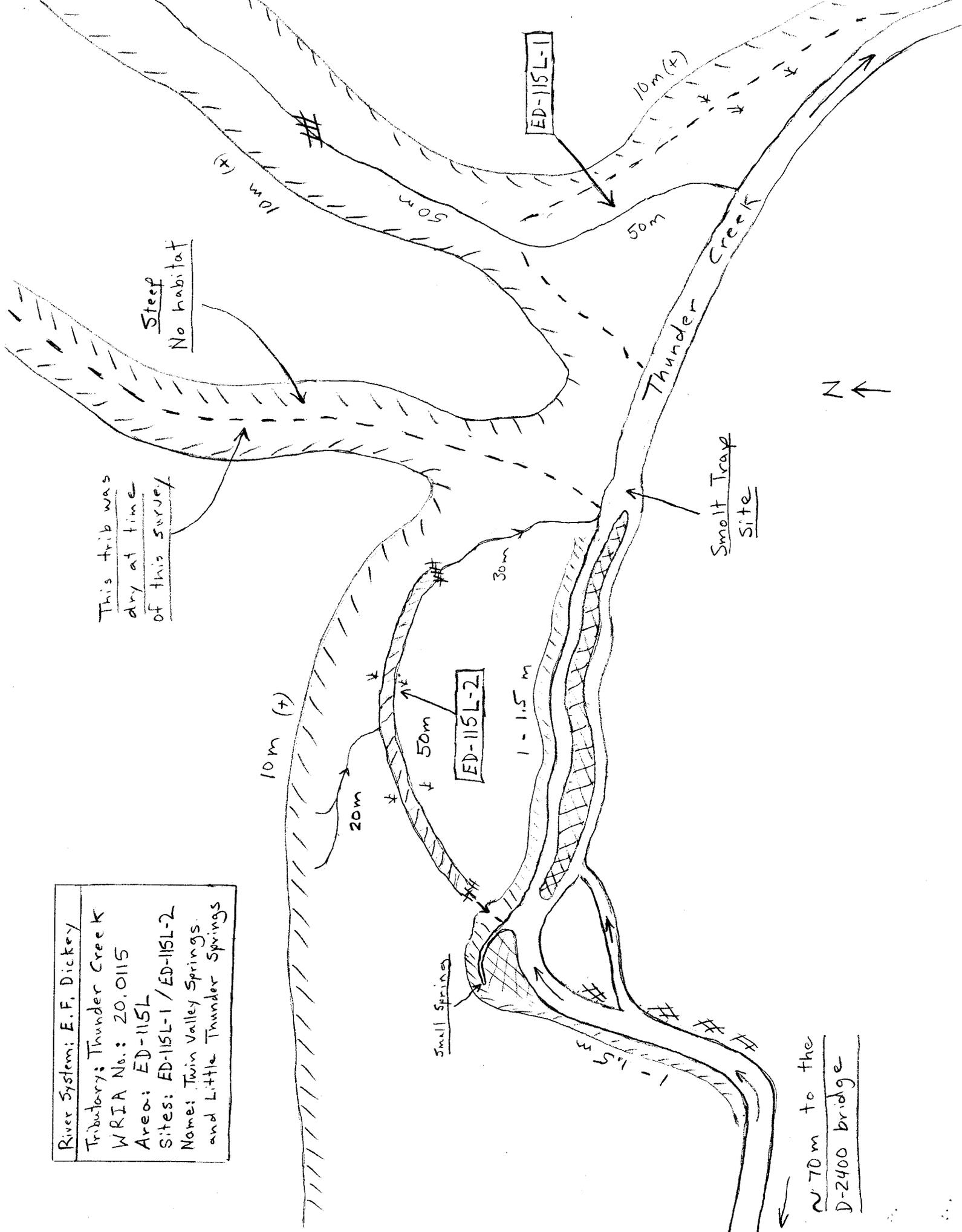
Running out of this valley and onto the valley floor of Thunder Creek, water from ED-115L-01 diverges as it flows over a small alluvial fan about 55 m above the mouth. Presently most of this water flows in one main channel. The lower 100 m reach of ED-115L-01 appears to offer usable, or potentially useable habitat. Above that point the gradient increases as the channel becomes incised and brushy. LOD & other woody debris appear common above this lower reach. ED-115L-01 enters Thunder Cr. about 60 m below the smolt trap site.

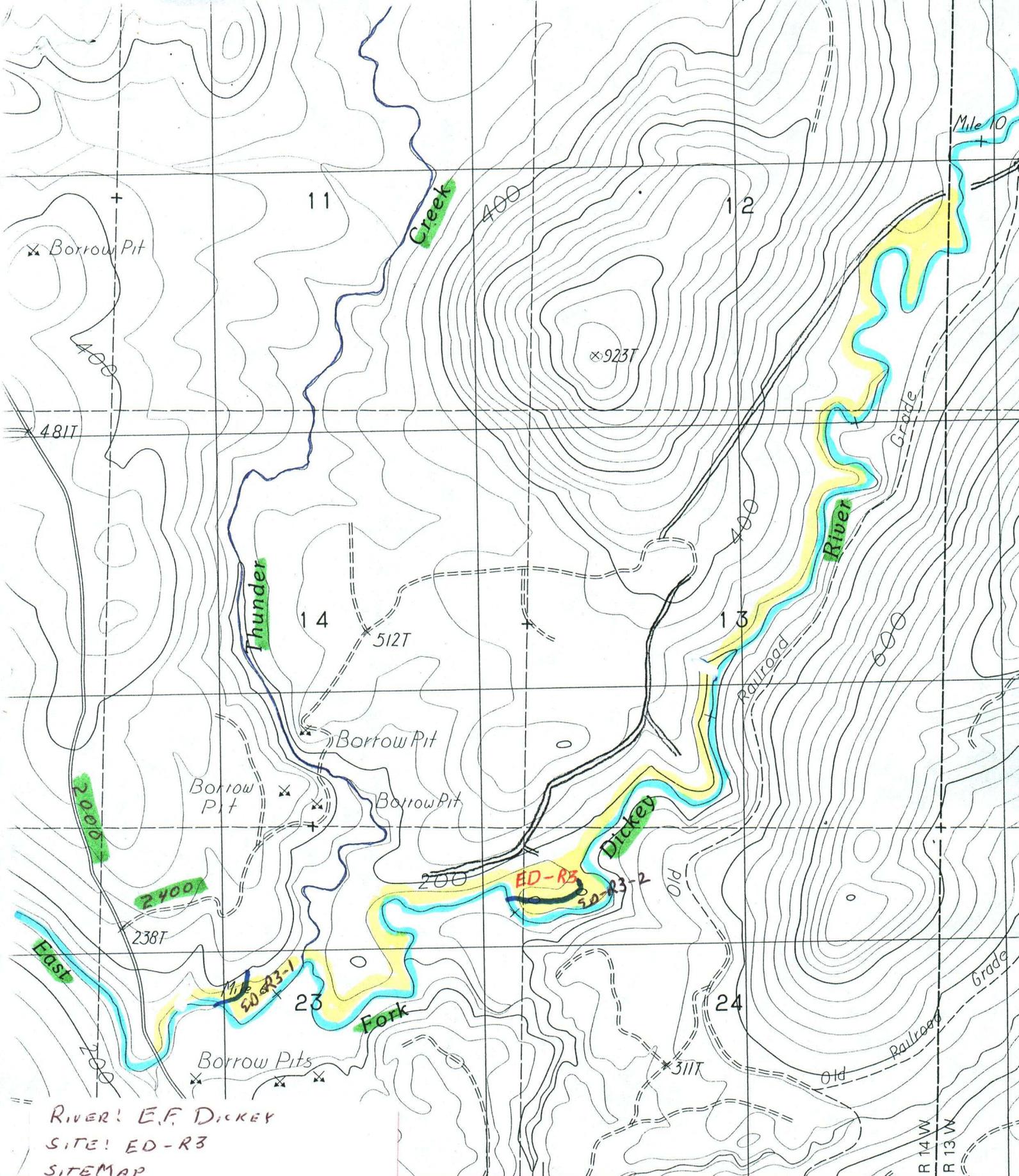
DATE: 9/16/92

OBSERVER: Young

Despite a much drier than normal summer, this small tributary is maintaining a flow of between 5 and 10 gal/min. It appears likely that ED-115L-01 will maintain a year round flow during a normal summer.

River System: E.F. Dickey
 Tributary: Thunder Creek
 WRIA No.: 20.0115
 Area: ED-115L
 Sites: ED-115L-1 / ED-115L-2
 Names: Twin Valley Springs
 and Little Thunder Springs





RIVER: E.F. DICKEY
 SITE: ED-R3
 SITEMAP

Map Date 3/11

BIOLOGICAL SURVEY
 USGS, NOS/NOAA
 I 1977 AND 1978
 D 1984
 PERT CONFORMAL CONIC
 RCATOR ZONE 10
 HINGTON NORTH ZONE

NORTH

391 27' 30" 392 393

SCALE 1:24 000

