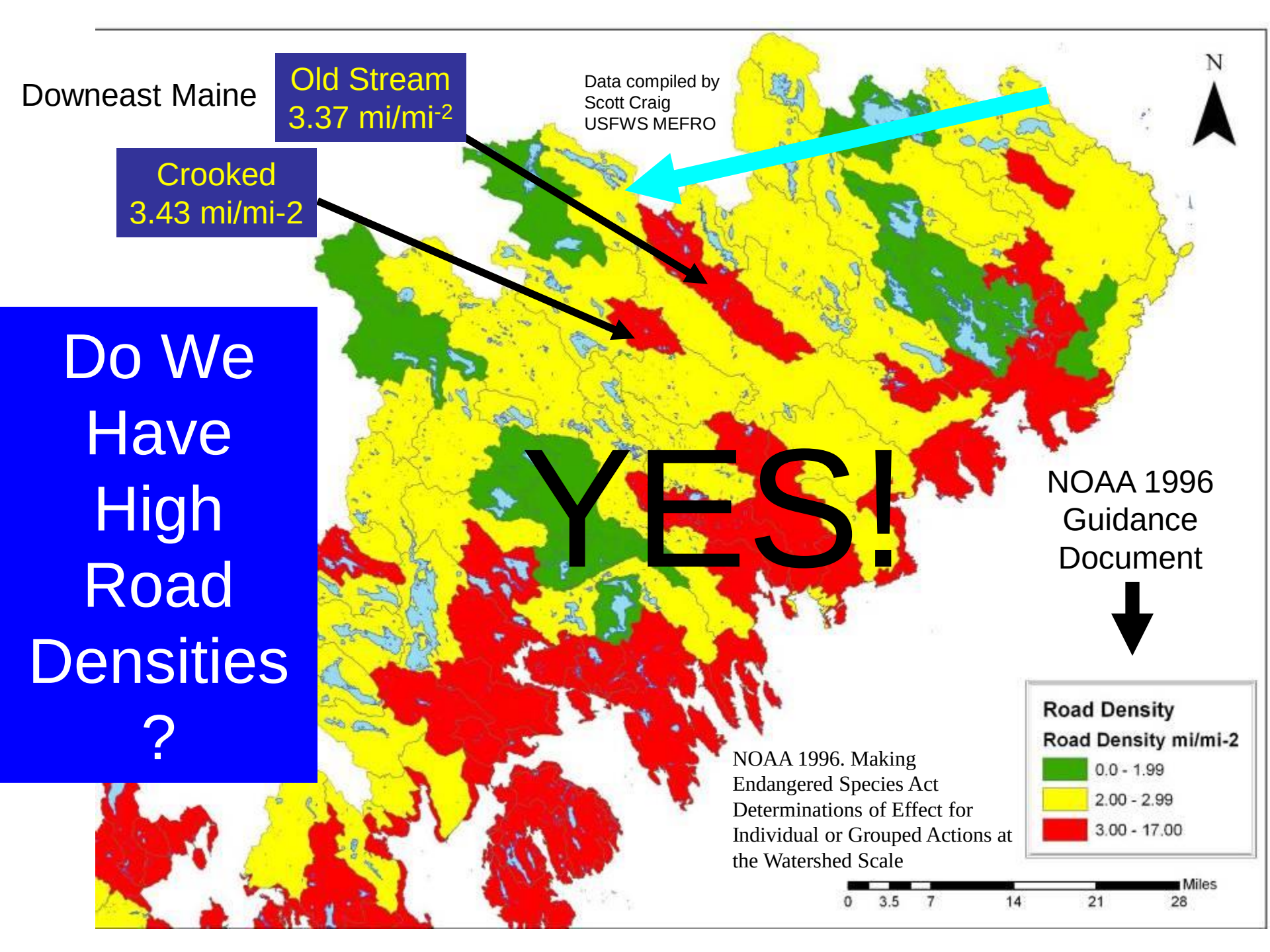
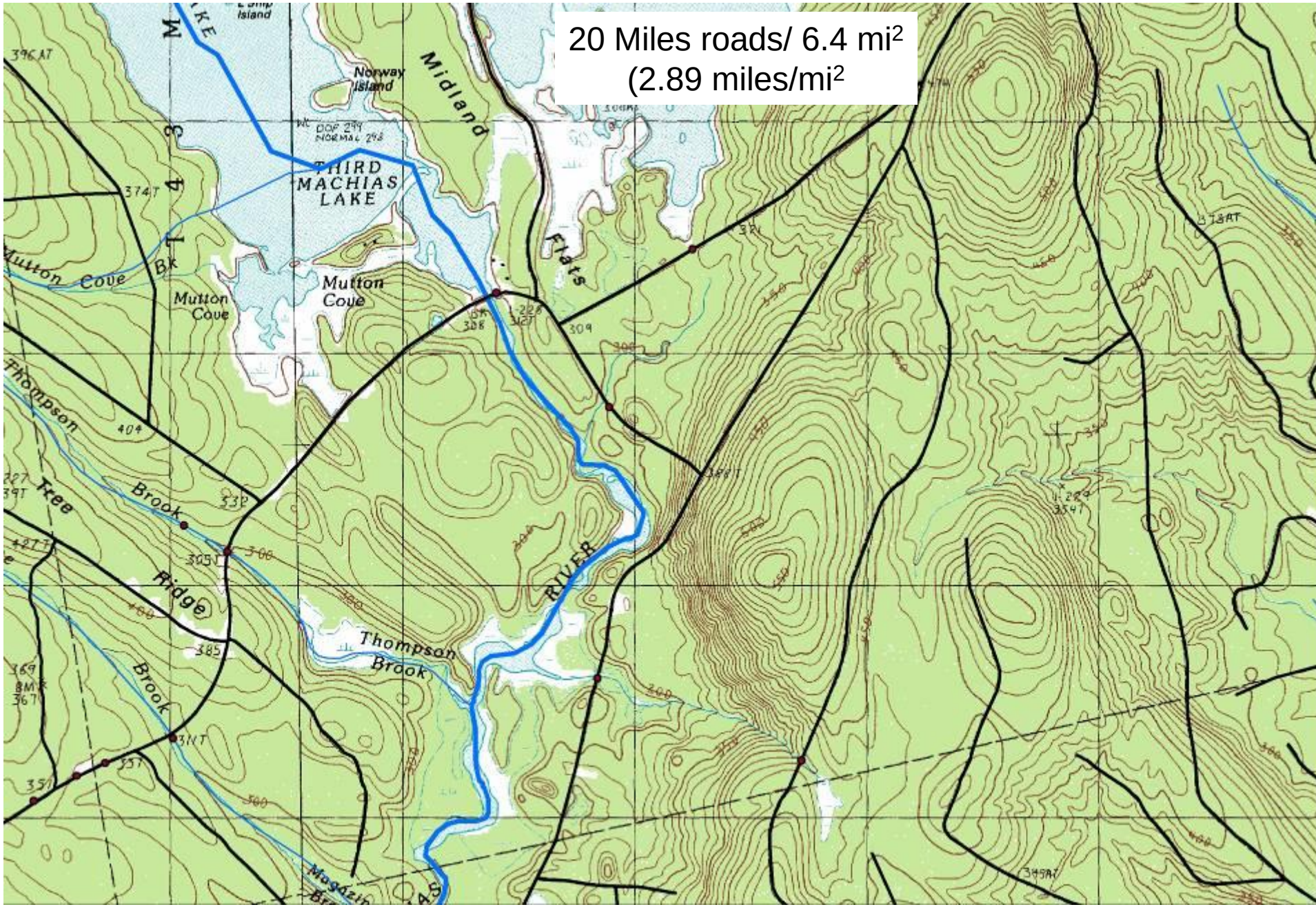
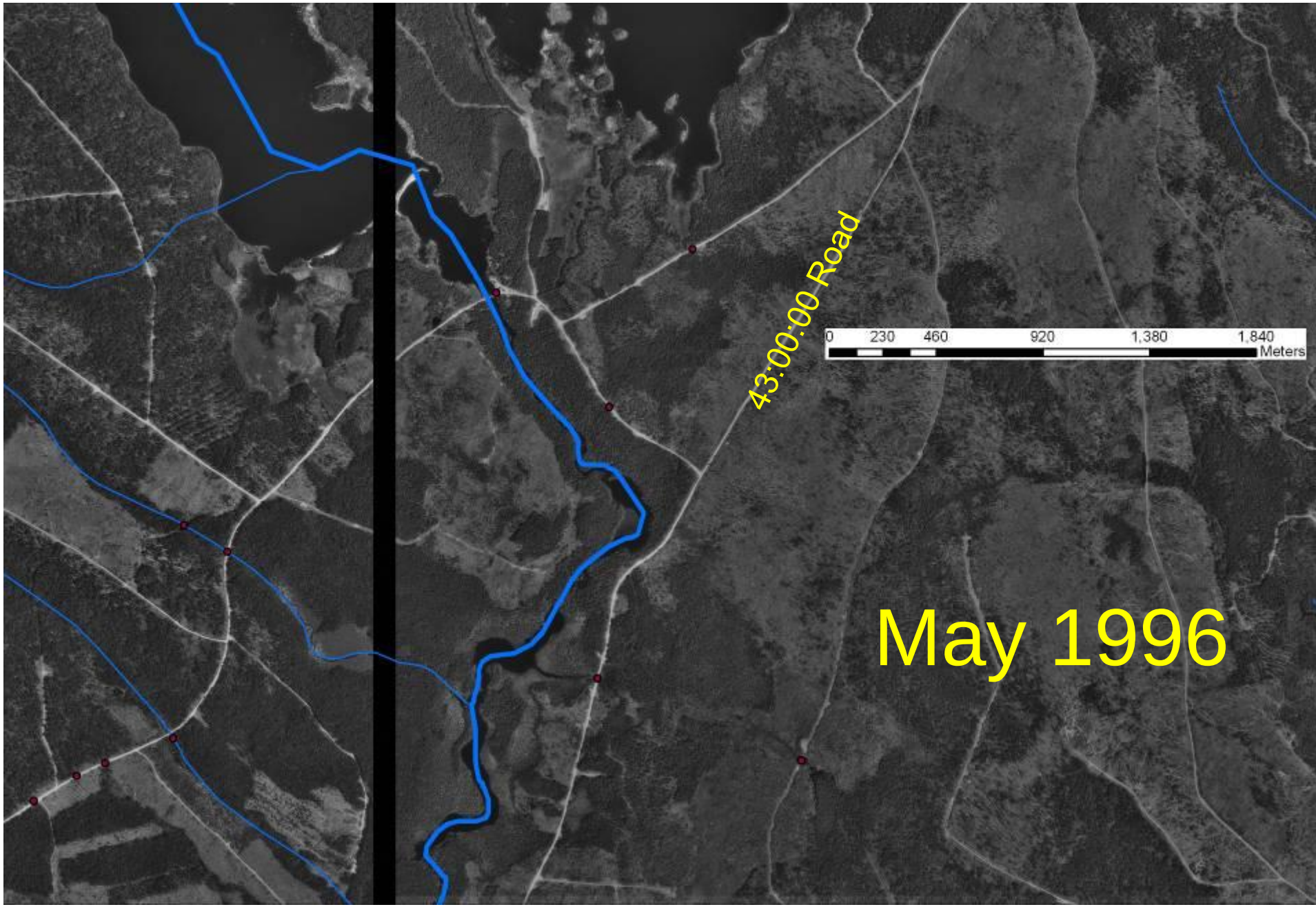
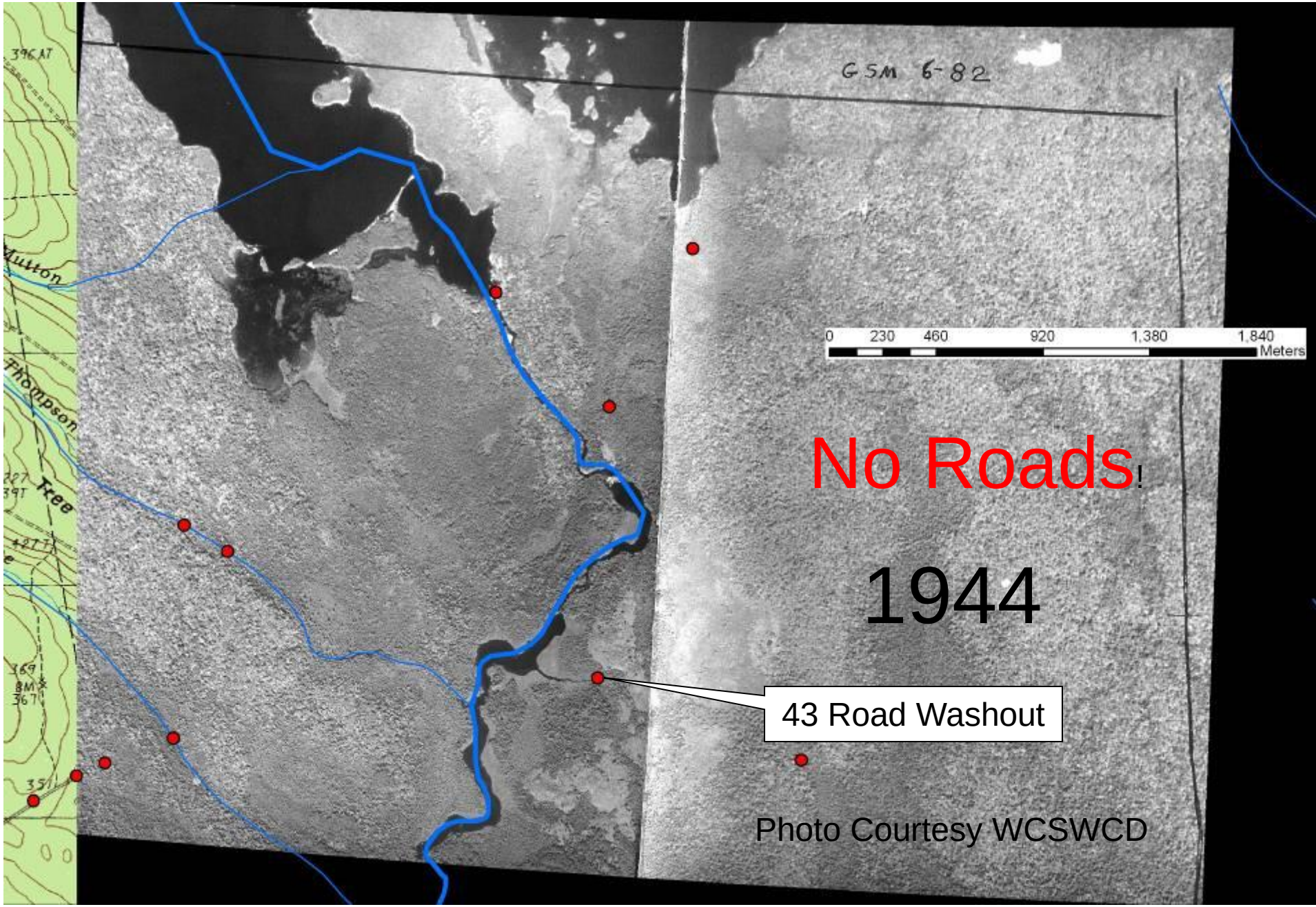

Downeast Maine
Old Stream
3.37 mi/mi-2
Crooked
3.43 mi/mi-2
Data compiled by
Scott Craig
USFWS MEFRO
N
Do We Have High Road Densities ?
YES!
NOAA 1996 Guidance Document
NOAA 1996. Making Endangered Species Act Determinations of Effect for Individual or Grouped Actions at the Watershed Scale
Road Density
Road Density mi/mi-2
0.0 - 1.99
2.00 - 2.99
3.00 - 17.00
Miles
0
3.5
7
14
21
28


20 Miles roads/ 6.4 mi²
(2.89 miles/mi²
Norway Island
Midland
THIRD MACHIAS LAKE
Flats
Mutton Cove
Mutton Cove
Mutton Cove Bk
Thompson
Tree
Brook
Ridge
Brook
Thompson Brook
RIVER

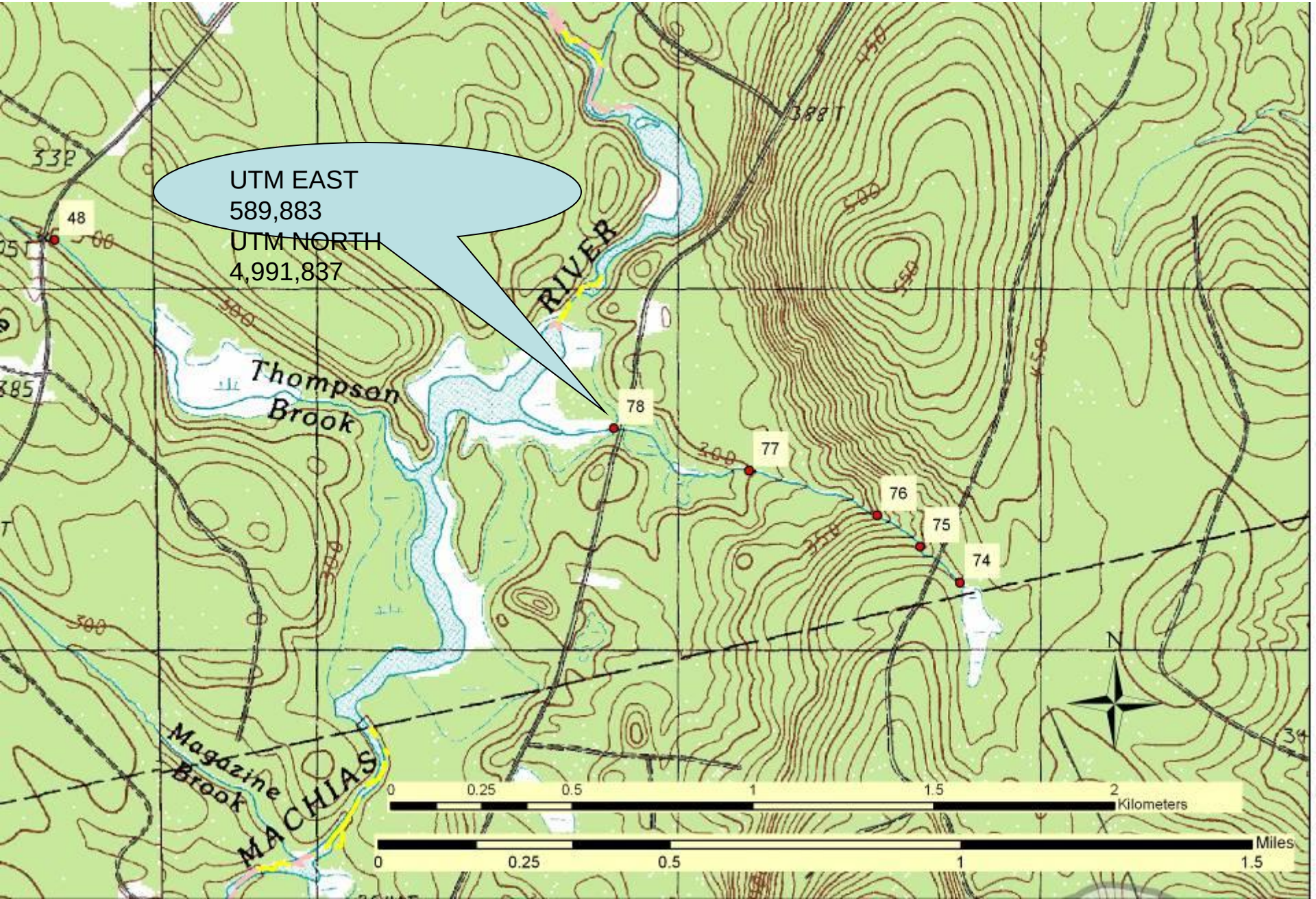

43:00:00 Road
0 230 460 920 1,380 1,840
Meters
May 1996


GSM 6-82
0 230 460 920 1,380 1,840
Meters
No Roads!
1944
43 Road Washout
Photo Courtesy WCSWCD

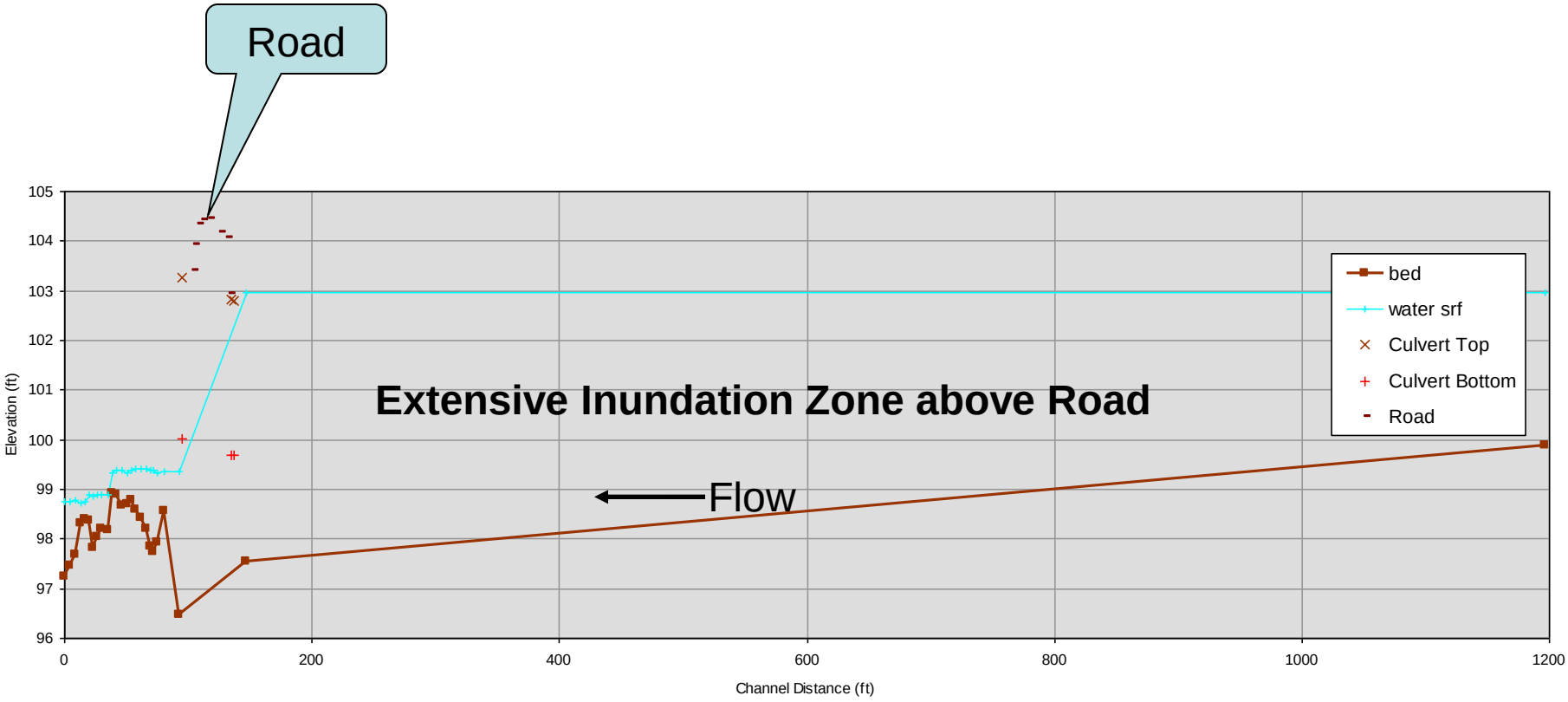
43:00:00 Road Washout

Data by
Scott Craig
USFWS MEFRO

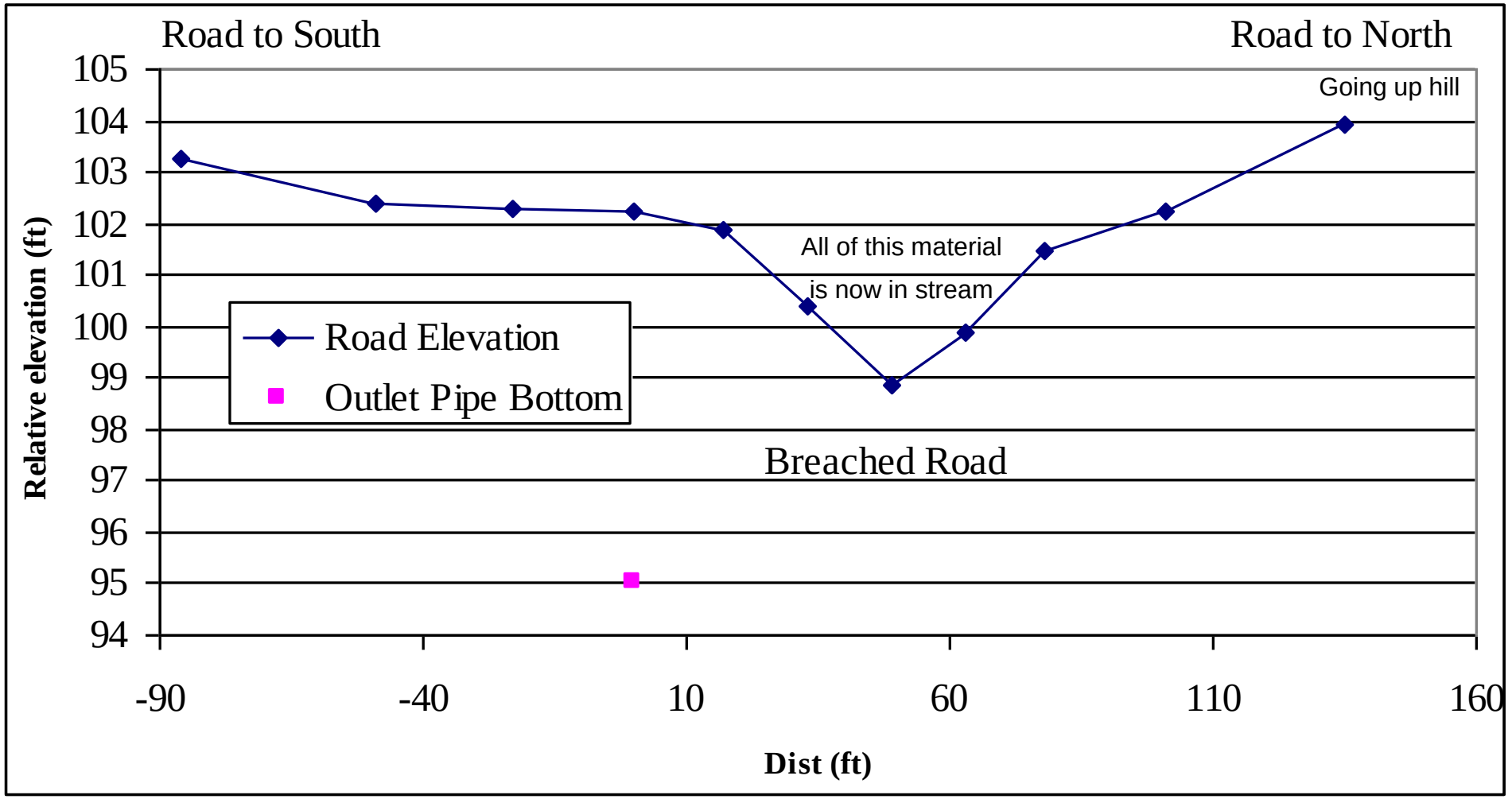
Water Temp Logger Locations 43:00:00 (Little River Road)



Longitudinal Profile at 43 Road



Road Profile



Site 2006-003
Water Temp
Logger Locations
43:00:00
(Little River Road)

Max Daily Temp	Logger Location				
	T-78	T-77	T-76	T-75	T-74
Warmest Day	27.6	18.8	25.7	28.2	29.7
2nd Warmest	26.7	18.6	24.9	27.7	29.3
3rd Warmest	26.0	18.5	23.4	26.3	29.1
3-day Average	26.8	18.6	24.7	27.4	29.4
Suitability Index	18%	100%	80%	10%	5%

Atlantic Salmon [illegible] Suitability (Stanely and Trial 1995)

Machias River

78

77

76

75

74

Coldest Location!

Only Brook Trout
6-27-2006 & 7-28-2008

Road Washout Fixed July 2009

Road Decommissioned 2008

Little River Rd

2540 ft

© 2009 Tele Atlas
Image © 2009 DigitalGlobe

Pointer 45°04'22.81" N 67°51'02.76" W elev 342 ft

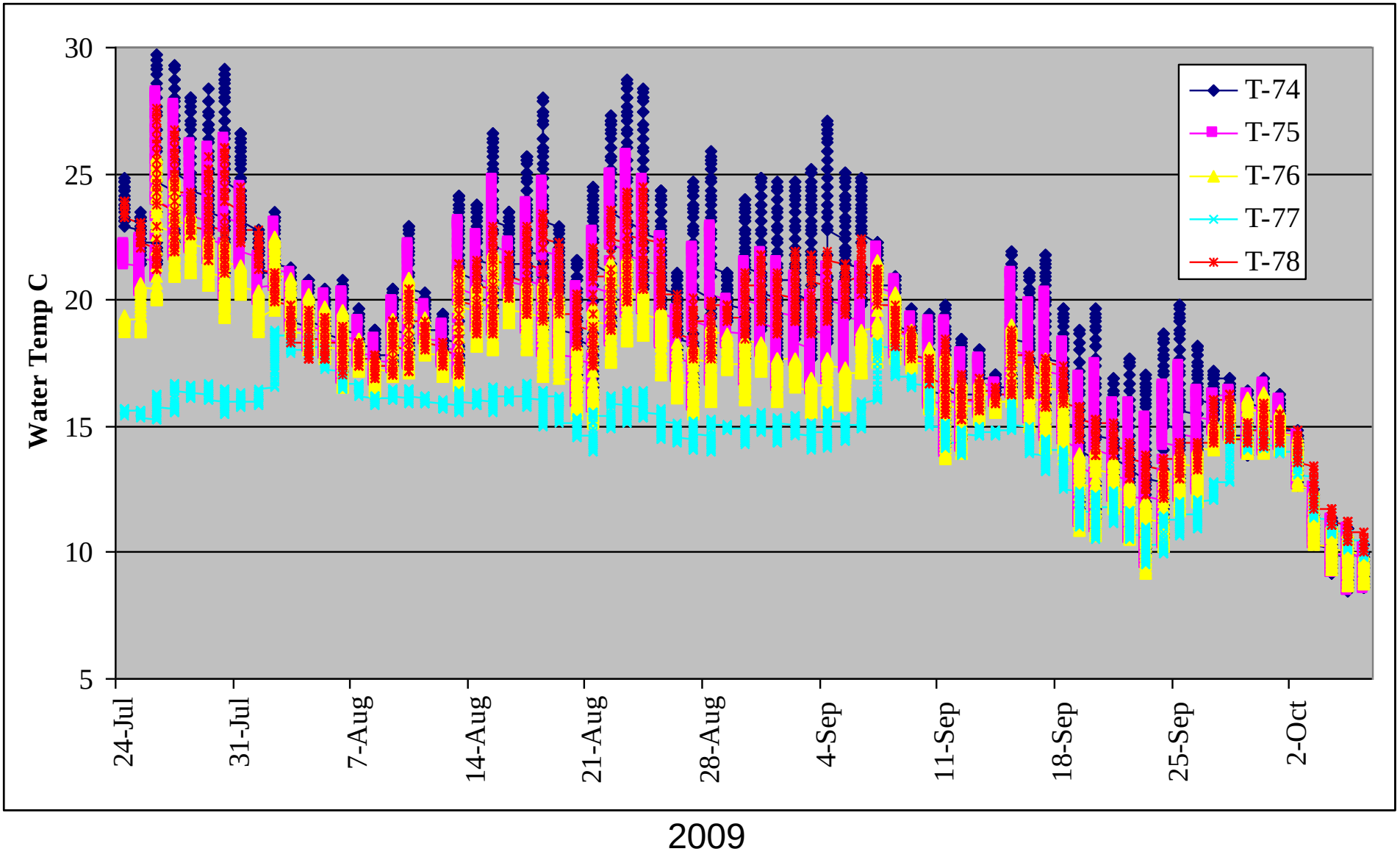
Streaming 99%

From: Hodgkins, G.A., 1999, Estimating the magnitude of peak flows for streams in Maine for selected recurrence intervals: U.S. Geological Survey Water-Resources Investigations Report 99-4008, 45 p.

Enter Sq. km	Q2	Q5	Q10	Q25	Q50	Q100	Q500	
2.1756	1.14	1.91	2.51	3.35	4.04	4.79	6.76	m3/SEC
	40	67	88	118	143	169	239	CFS

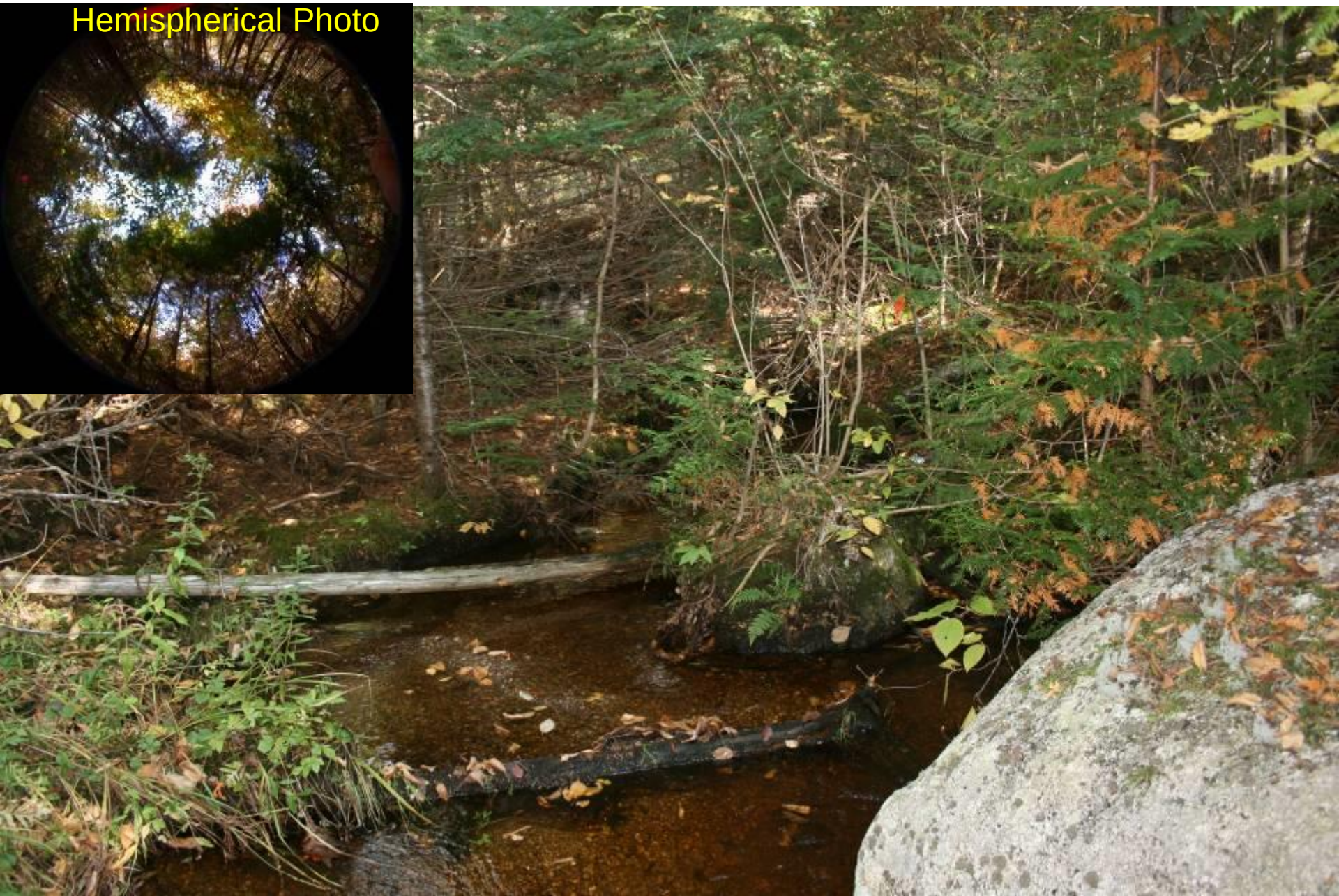
Name	Drainage Area (sq. miles)	Projected Bankfull (ft)	Projected Bankfull (CFS)		Min Peak (157 c.f.s/sq mile)	Max Peak (410 c.f.s/sq mile)	Bankfull * 1.2
43 Blowout	0.84	7.0	4.3		132	344	

Temp Logger Data (30 minute interval)



Looking up to Site 78

Looking up to Site 77

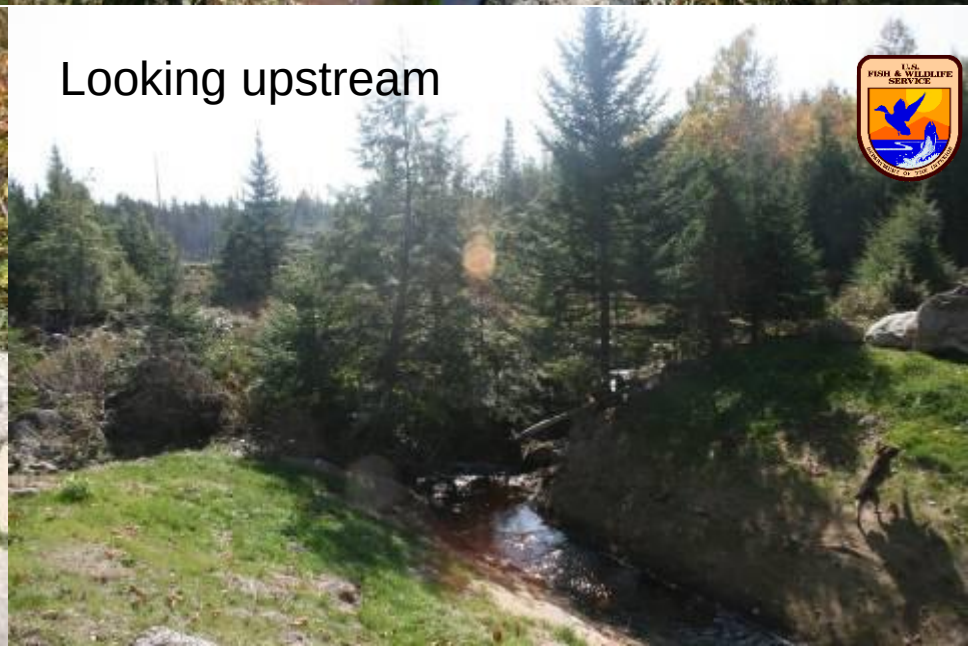


Looking up to Site 76

Looking up to Site 75

Site 74 Just below Beaver Dam

Oct 6, 2008

2008 Road Decommission

Just below Site 74