HEADS of TIDE

for

COASTAL STREAMS

in

OREGON

PREPARED BY

STATE OF OREGON
DIVISION OF STATE LANDS
Engineering Section

MARCH 1989

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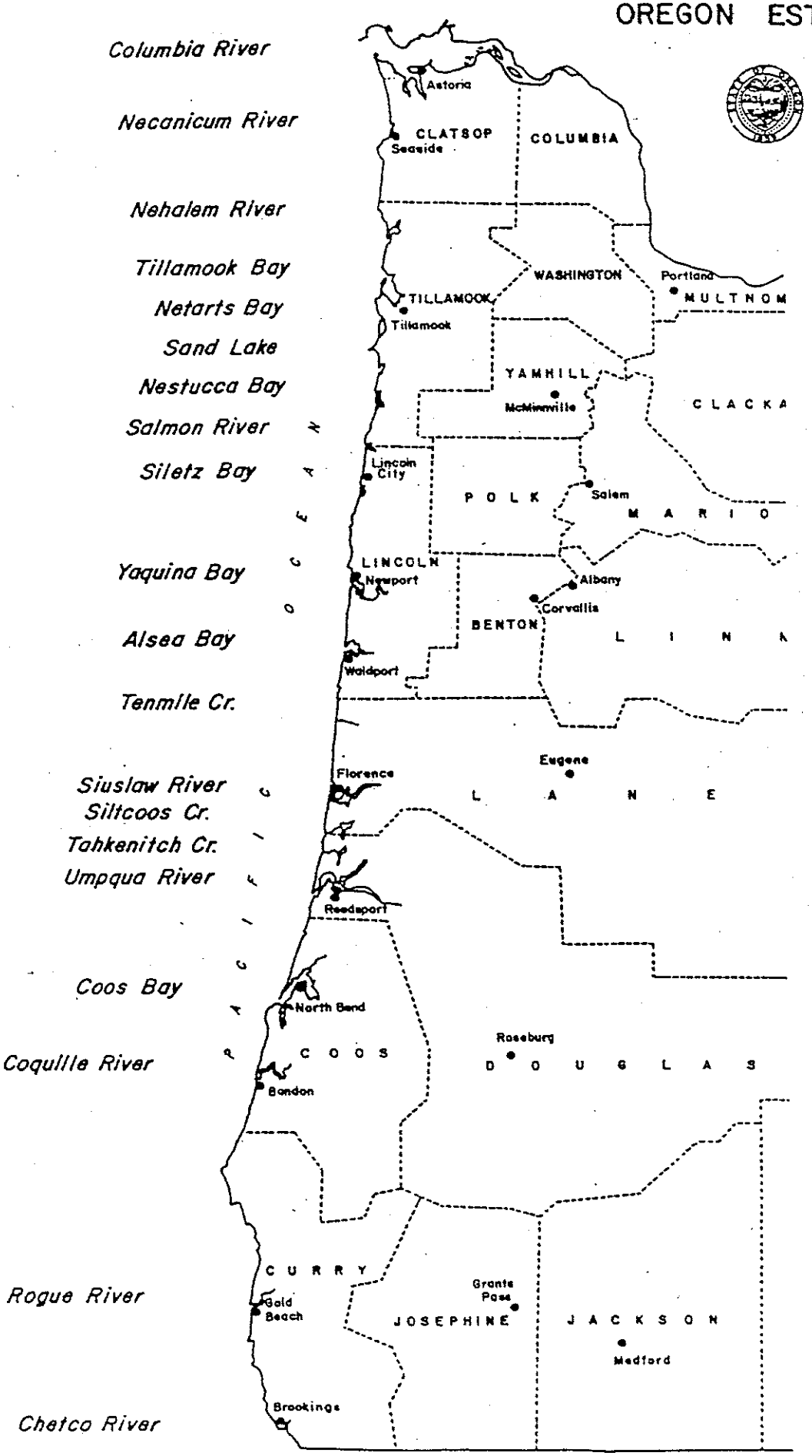
OREGON ESTUARIES

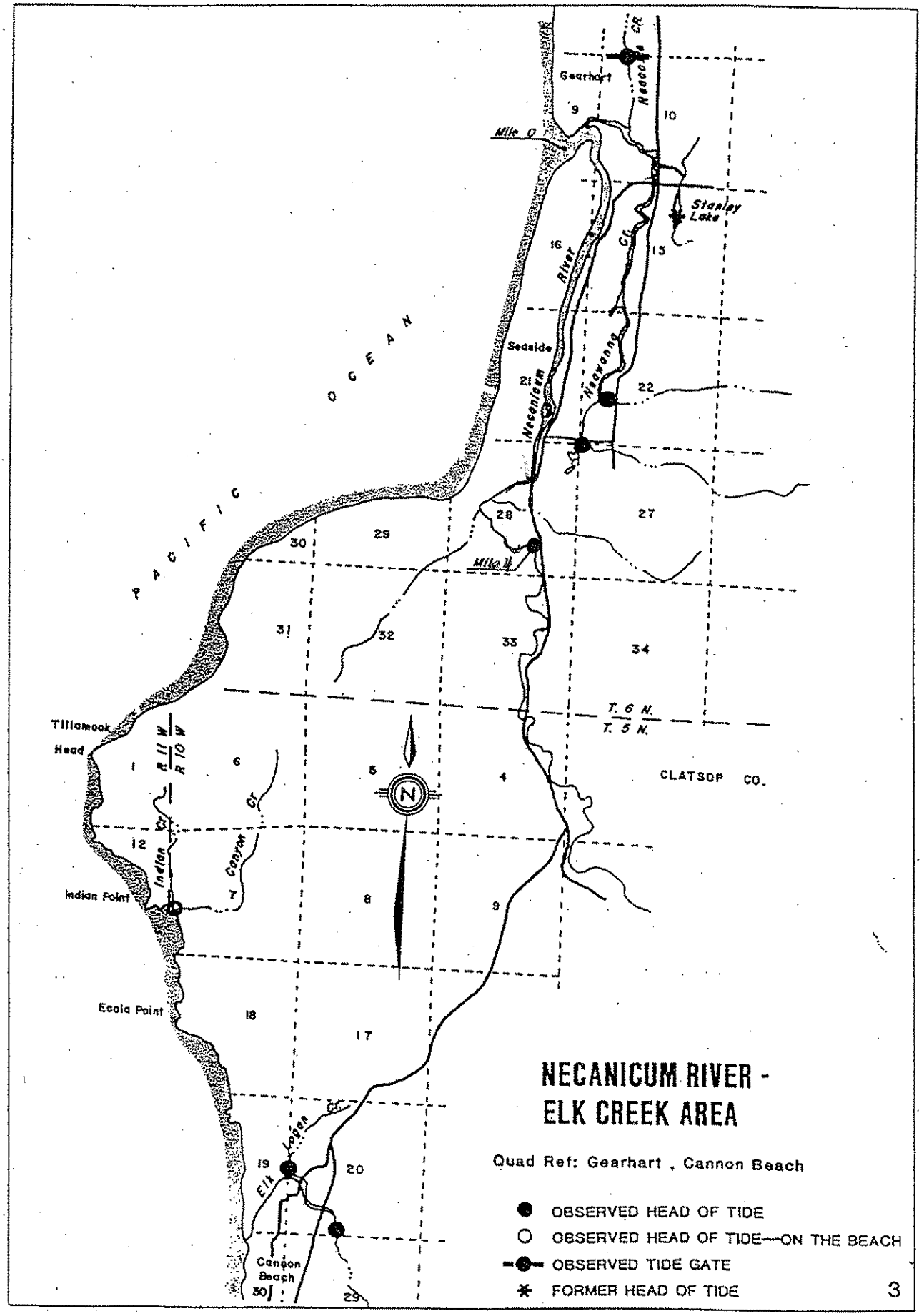


HEADS OF TIDE for COASTAL STREAMS in OREGON

NECANICUM RIVER - ELK CREEK AREA

STREAM	LOCATION	DATE OBSERVED
Canyon Cr.	T5N R10W, Sec 7 - No Tide Effect	Sept. 25, 1984
Elk Cr.	T5N R10W, Sec 20	Aug. 22, 1979
Indian Cr.	T5N R10W, Sec 7 - No Tide Effect	Sept. 25, 1984
Logan Cr.	T5N R10W, West line of Sec 20	Sept. 25, 1984
Neacoxie Cr.	T6N R10W North line of Sec 10 at Tidegate	Aug. 21, 1979
Neawanna Cr.	T6N R10W, South line of Sec 22	Aug. 21, 1979
Unnamed Tributary of Neawanna Cr.	T6N R10W, Sec 22	Aug. 21, 1979
Necanicum River	T6N R10W Sec 28, RM 4	Feb. 1973
Stanley Lake Cr.	T6N R10W Sec 15, former Head of tide established through local sources.	Aug. 21, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



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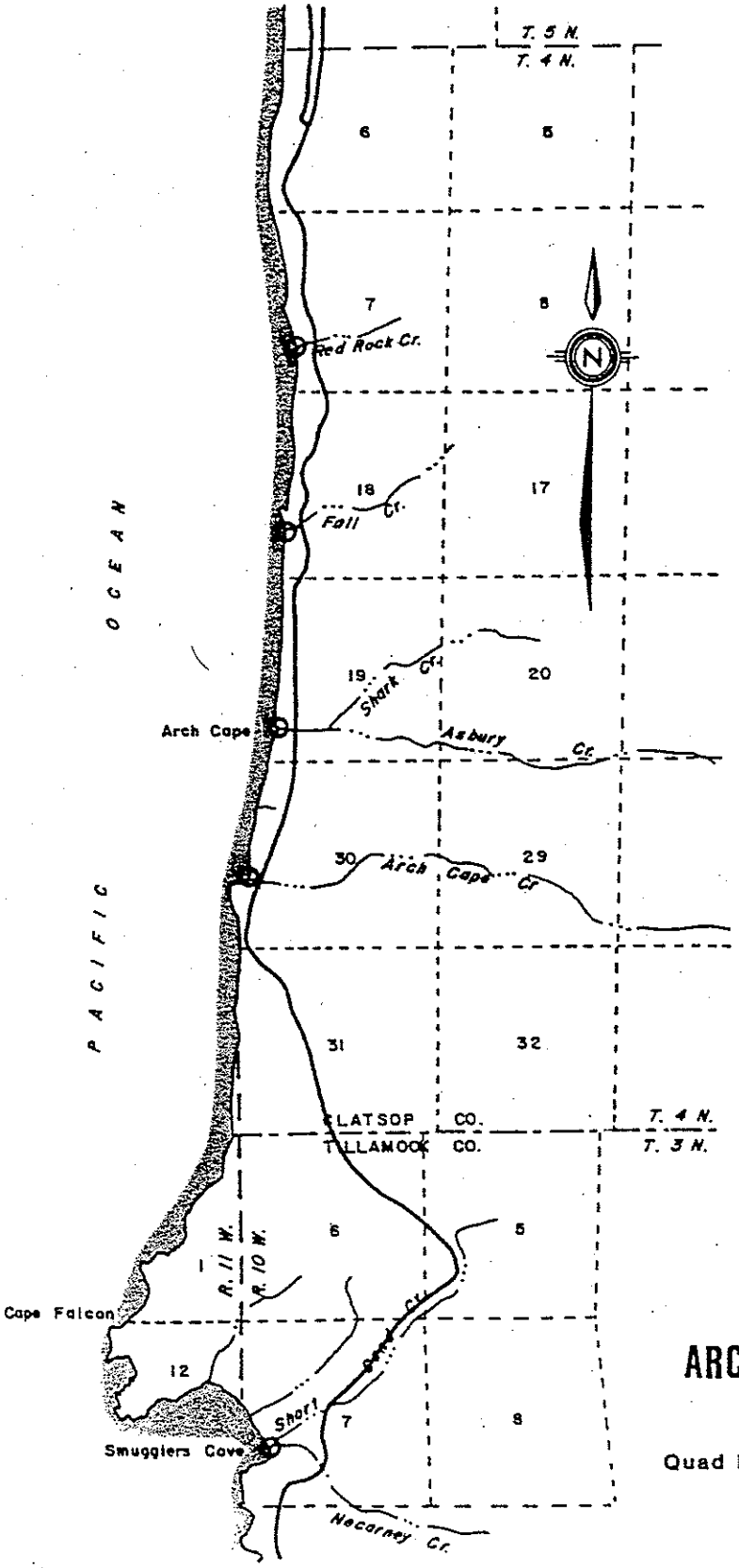
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

ARCH CAPE AREA

STREAM	LOCATION	DATE OBSERVED
Arch Cape Cr.	T4N R10W Sec 30 - NO TIDE EFFECT	Sept. 12, 1984
Fall Cr.	T4N R10W Sec 18 - NO TIDE EFFECT	Sept. 12, 1984
Red Rock Cr.	T4N R10W Sec 7 - NO TIDE EFFECT	Sept. 12, 1984
Shark Cr.	T4N R10W Sec 19 - NO TIDE EFFECT	Sept. 12, 1984
Short Sand Cr.	T3N R10W Sec 7 - NO TIDE EFFECT	Sept. 12, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



ARCH CAPE AREA

Quad Ref: Cannon Beach

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

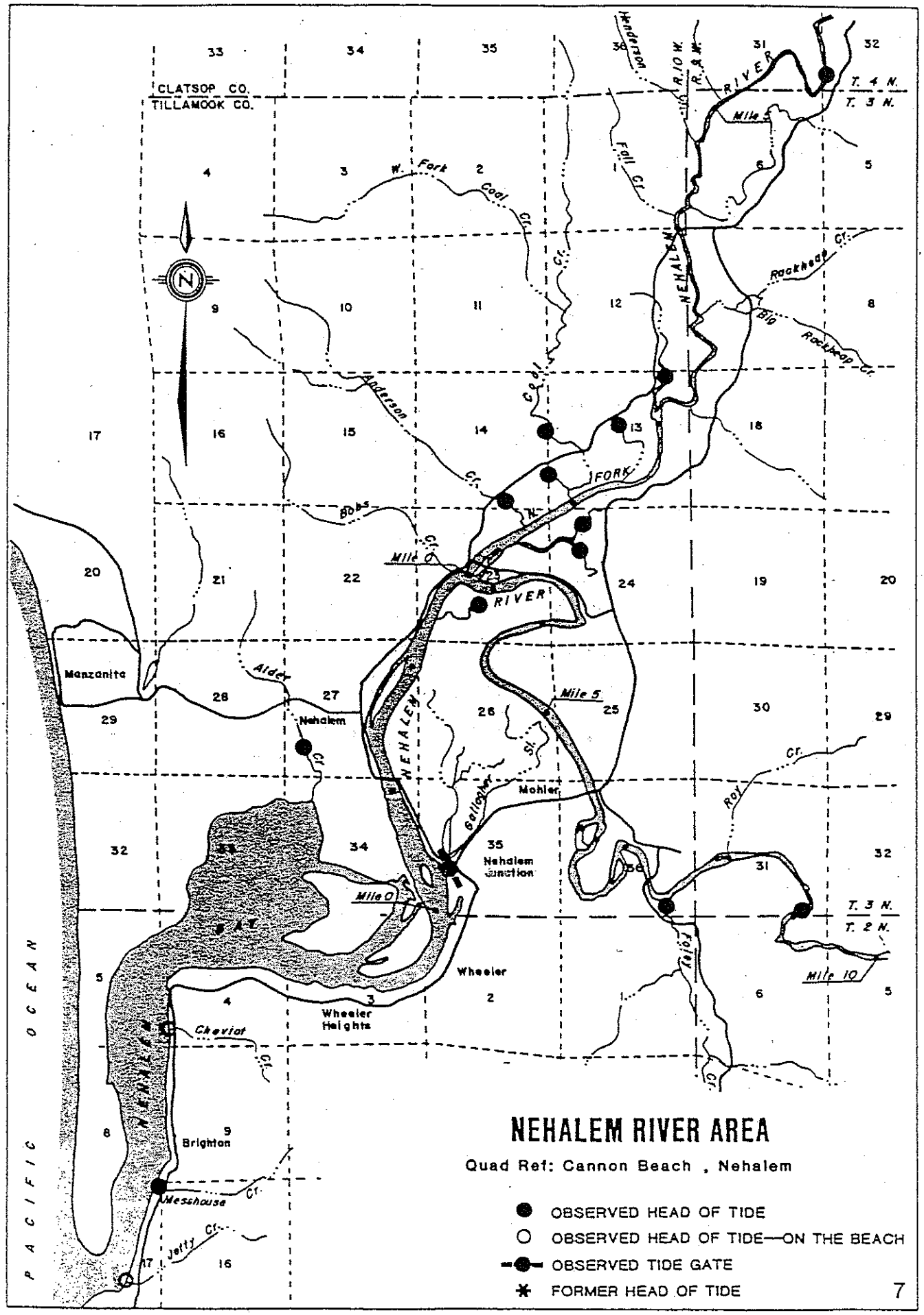
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

NEHALEM RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Alder Cr.	T3N R10W Sec 27	Aug. 20, 1979
Anderson Cr.	T3N R10W Sec 14	Aug. 20, 1979
Big Rackheap Cr.	T3N R9W Sec 7 - NO TIDE EFFECT	Aug. 20, 1979
Bobs Cr.	T3N R10W Sec 23 - NO TIDE EFFECT	Aug. 20, 1979
Cheviot Cr.	T2N R10W Sec 4 - NO TIDE EFFECT	Sept. 12, 1984
Coal Cr.	T3N R10W Sec 14	Aug. 20, 1979
Fall Cr.	T3N R10W Sec 1 - NO TIDE EFFECT	Aug. 20, 1979
Foley Cr.	T3N R10W Sec 36	Aug. 20, 1979
Gallagher Sl	T3N R10W Sec 35 - DIKED	Aug. 20, 1979
Henderson Cr.	T3N R9W Sec 6 - NO TIDE EFFECT	Aug. 20, 1979
Jetty Cr.	T2N R10W Sec 17 - NO TIDE EFFECT	Sept 12, 1984
Messhouse Cr.	T2N R10W Sec 17 at Highway crossing culvert	Sept 12, 1984
Nehalem River	T3N R9W Sec 31, RM 8.9	Aug. 20, 1979
Nehalem River North Fork	T4N R9W Sec 32, RM 6.2	Aug. 20, 1979
Roy Creek	T3N R9W Sec 1 - NO TIDE EFFECT	Aug. 20, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



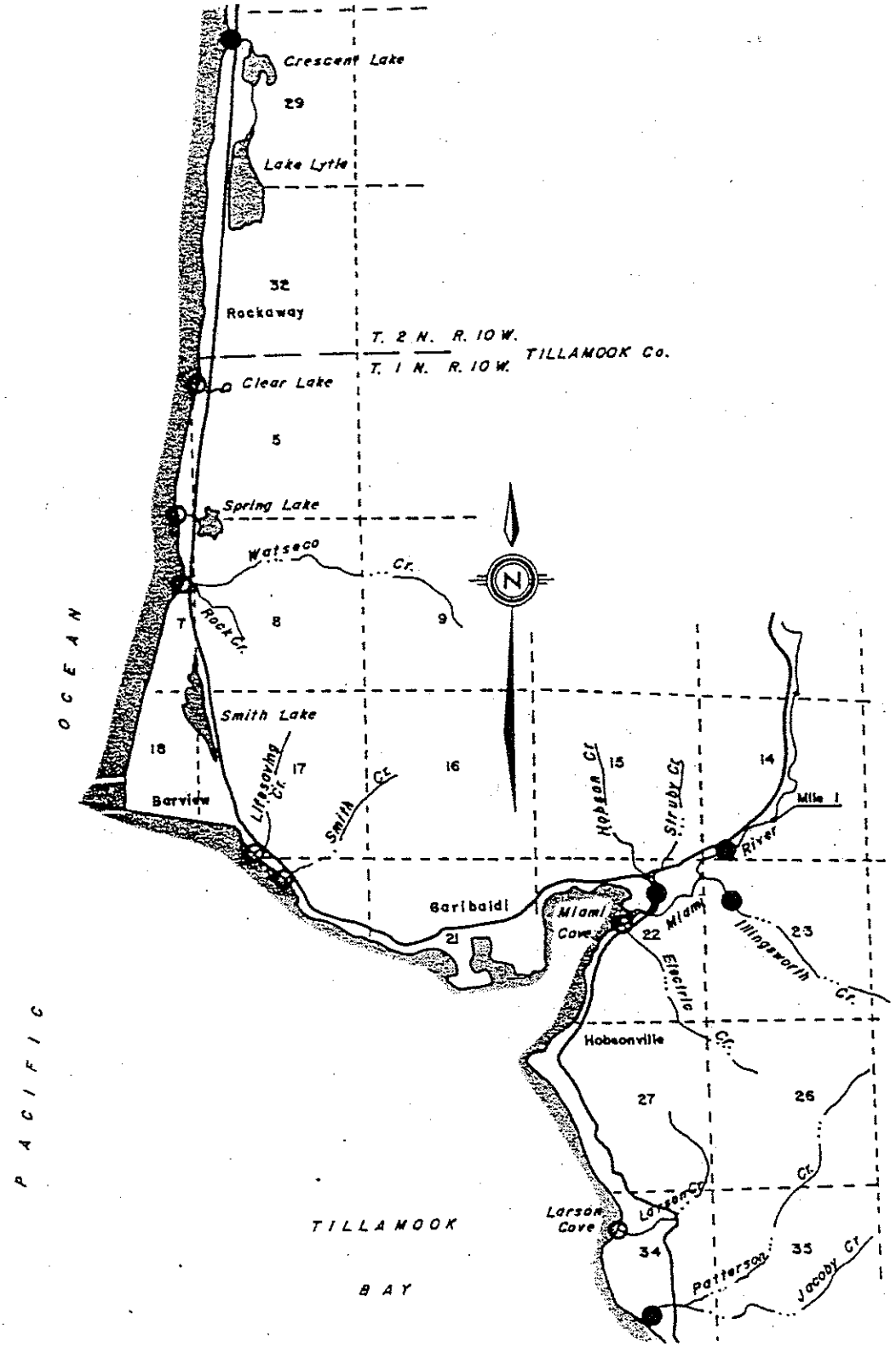
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

TILLAMOOK AREA 1 of 2

STREAM	LOCATION	DATE OBSERVED
Clear Lake Cr.	T1N R10W Sec 5 - ON THE BEACH	Sept. 25, 1984
Cresent Lake Cr.	T2N R10W Sec 29- ON THE BEACH at the RR crossing	Sept. 25, 1984
Electric Cr.	T1N R10W Sec 22 - NO TIDE EFFECT	Sept. 25, 1984
Illingsworth Cr.	T1N R10W Sec 23	Mar. 27, 1979
Larson Cr.	T1N R10W Sec 34 - NO TIDE EFFECT	Sept. 25, 1984
Lifesaving Cr.	T1N R10W Sec 17 - NO TIDE EFFECT	Sept. 25, 1984
Miami River	T1N R10W Sec 14, RM 0.8	Mar. 27, 1979
Patterson Cr.	T1N R10W Sec 34 - at relocated highway	Sept. 25, 1984
Spring Lake Cr.	T1N R10W Sec 6 - ON THE BEACH	Sept. 25, 1984
Smith Cr.	T1N R10W Sec 20 - NO TIDE EFFECT	Sept. 25, 1984
Watseco Cr.	T1N R10W Sec 7 - ON THE BEACH	Sept. 25, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



TILLAMOOK BAY AREA 1of 2

Quad Ref: Nehalem

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- ⊸ OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

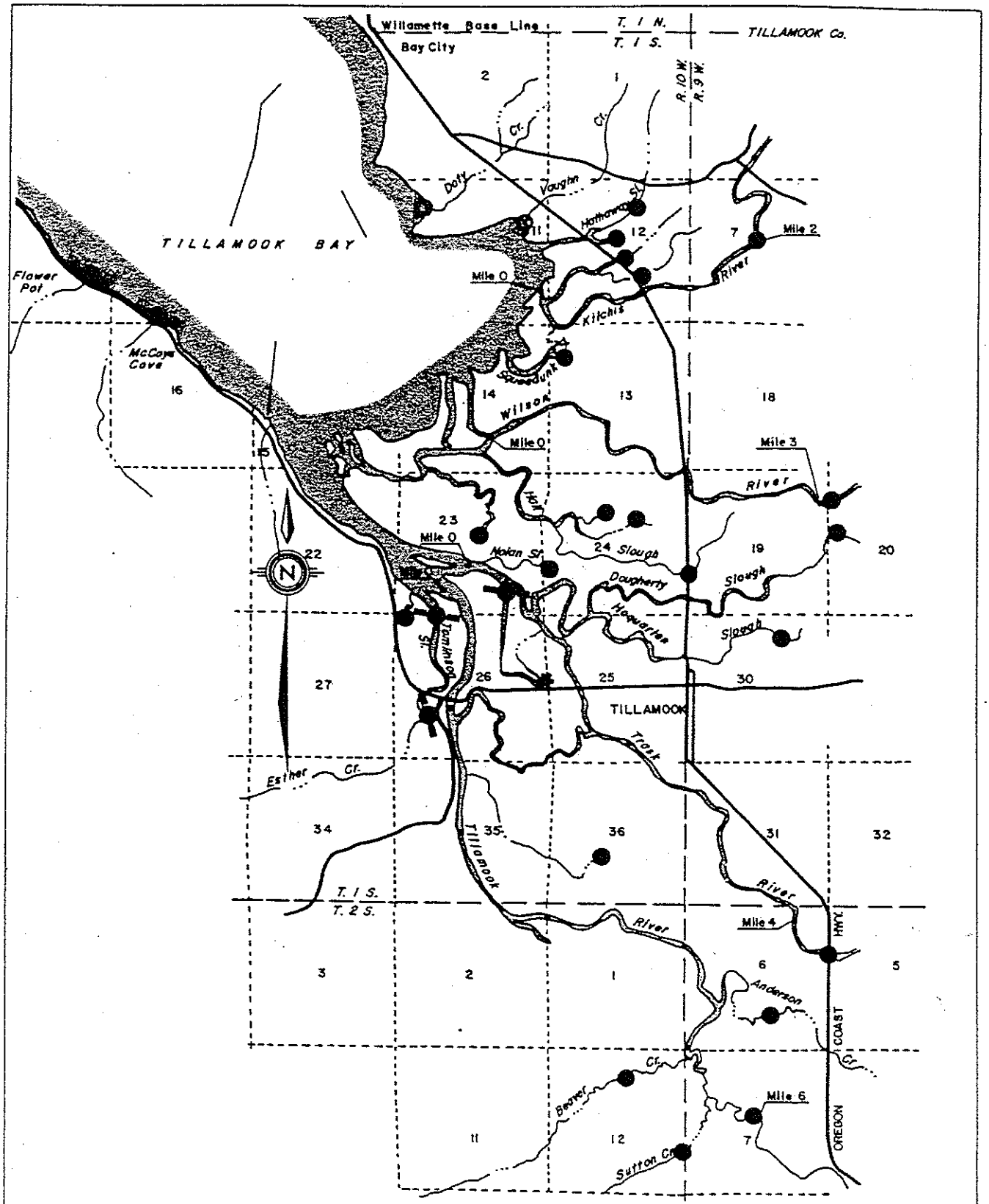
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

TILLAMOOK BAY AREA 2 of 2

STREAM	LOCATION	DATE OBSERVED
Anderson Cr.	T2S R9W Sec 6	Mar. 27, 1979
Beaver Cr.	T2S R10W Sec 12	Mar. 27, 1979
Doty Cr.	T1S R10W - NO TIDE EFFECT	Sept. 26, 1984
Dougherty Sl.	T1S R9W Sec 20	Mar. 27, 1979
Esther Cr.	T1S R10W Sec 26 - Diked	Sept. 26, 1984
Flower Pot	T1S R10W Sec 8 - Tidegate	Sept. 26, 1984
Hall Sl.	T1S R10W Sec 24	Mar. 27, 1979
Hathaway Sl.	T1S R10W Sec 12	Mar. 27, 1979
Hoquarten Sl.	T1S R9W Sec 30	Mar. 27, 1979
Kilchis River	T1S R9W Sec 7, RM 2	Mar. 27, 1979
McCoys Cove	T1S R10W Sec 9 - Tidegate	Sept. 26, 1984
Nolan Sl.	T1S R10W Sec 24	Mar. 27, 1979
Squeedunk Sl.	T1S R10W Sec 13	Mar. 27, 1979
Sutton Cr.	T2S R10W Sec 12	Mar. 27, 1979
Tillamook River	T2S R9W Sec 7, RM 6	Mar. 27, 1979
Tomlinson Sl.	T1S R10W Sec 26 - Diked	Sept. 26, 1984
Trask River	T2S R9W Sec 6 at Oregon Coast Hwy Bridge, RM 4.3	Mar. 27, 1979
Vaughn Cr.	T1S R10W - NO TIDE EFFECT	Sept. 26, 1984
Wilson River	T1S R9W Sec 20, RM 3.1	Mar. 27, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



TILLAMOOK BAY AREA 2 of 2

Quad Ref: Nehalem, Tillamook

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

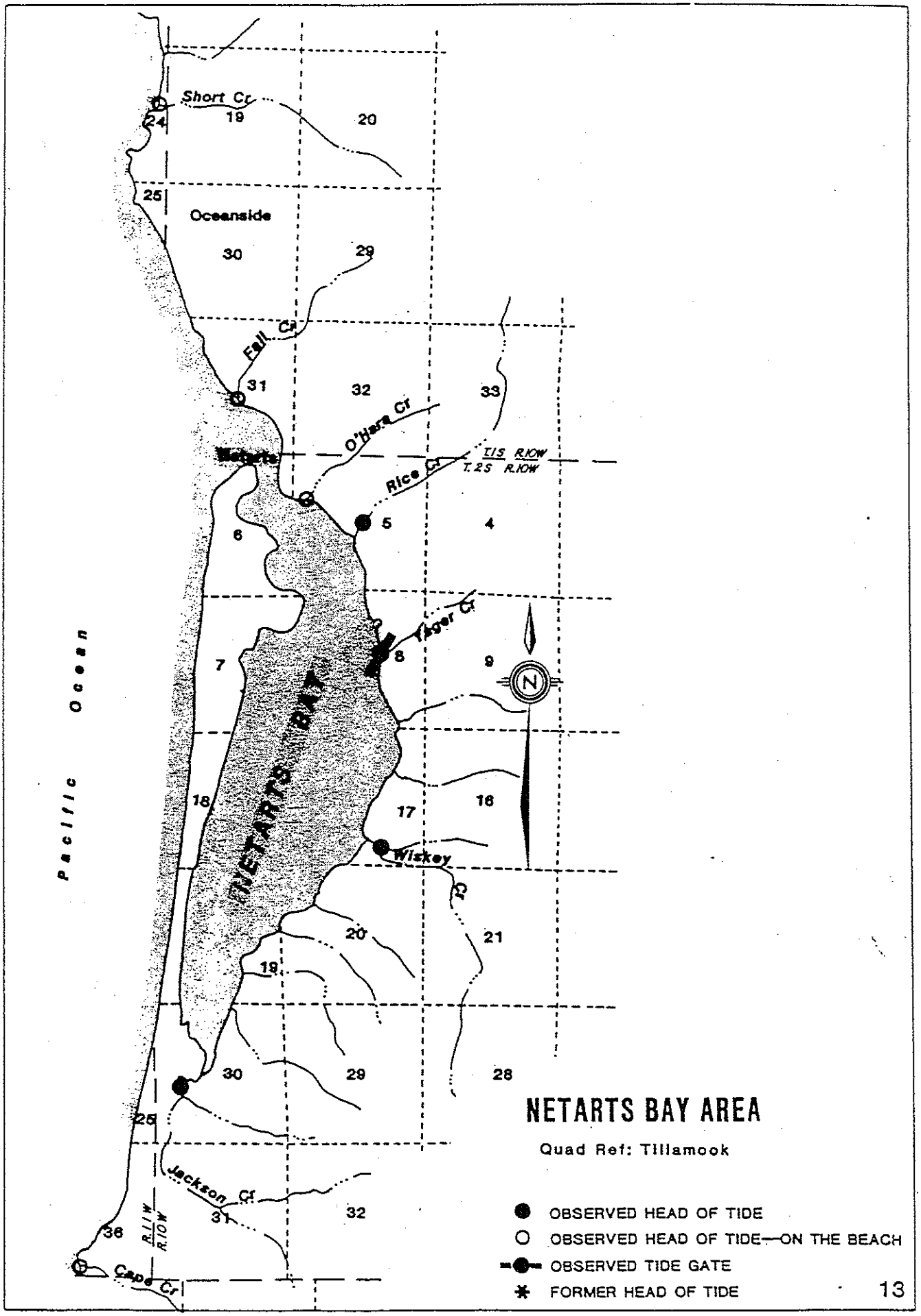
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

NETARTS BAY AREA

STREAM	LOCATION	DATE OBSERVED
Cape Cr.	T3S R11W Sec 36 - NO TIDE EFFECT	Sept. 26, 1984
Fall Cr.	T1S R10W Sec 31 - ON THE BEACH	Sept. 26, 1984
Jackson Cr.	T2S R10W Sec 30	May 12, 1988
O'Hara Cr.	T2S R10W Sec 5 - NO TIDE EFFECT	Sept. 26, 1984
Rice Cr.	T2S R10W Sec 5 E. of Hwy Bridge	Sept. 26, 1984
Short Cr.	T1S R10W Sec 24 - ON THE BEACH	Sept. 26, 1984
Wiskey Cr.	T2S R10W Sec 17 - EAST OF HWY BRIDGE	May 12, 1988
Yager Cr.	TIDEGATE AT MOUTH	May 12, 1988

HEADS OF TIDE for COASTAL STREAMS in OREGON



NETARTS BAY AREA

Quad Ref: Tillamook

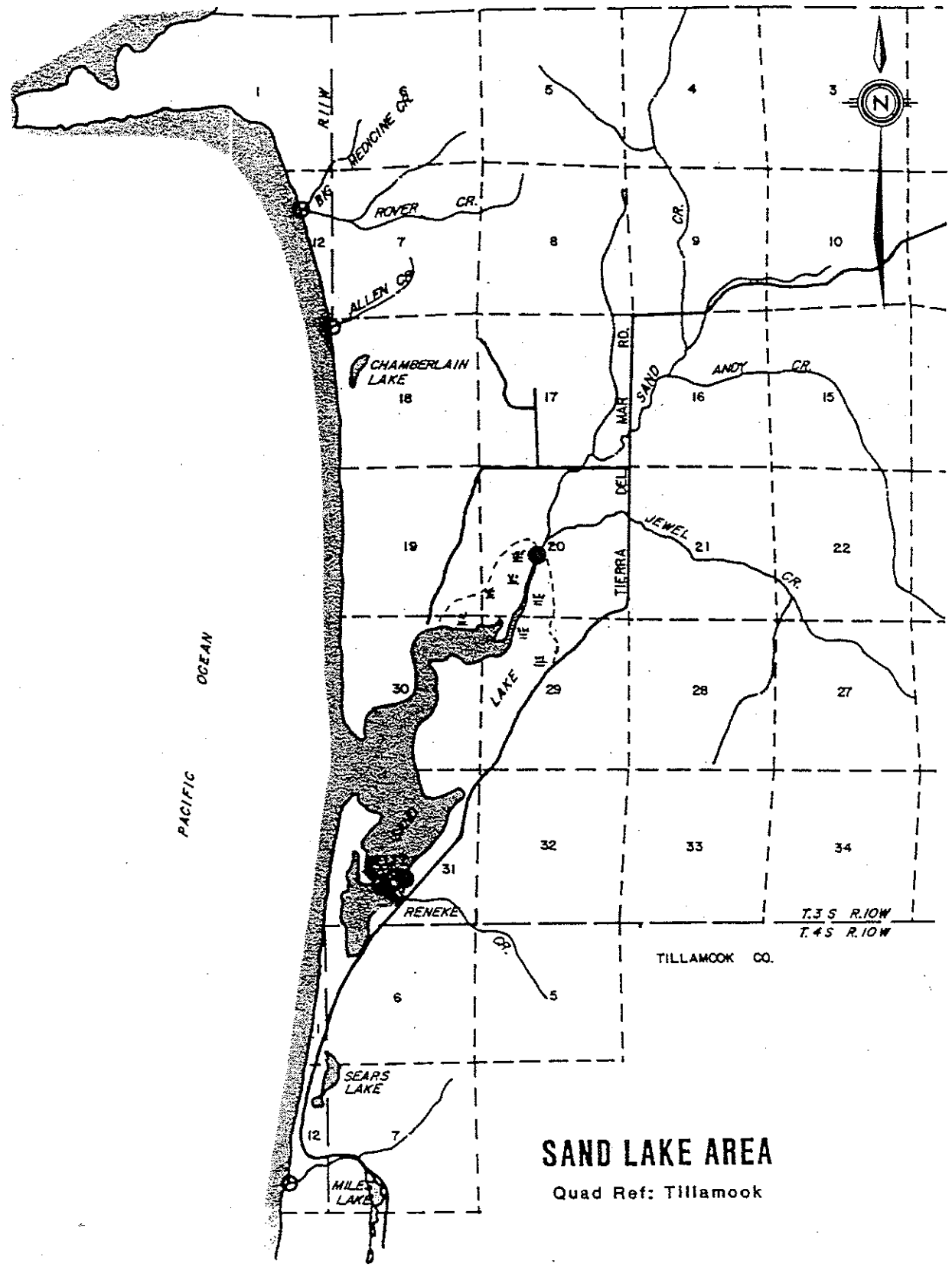
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SAND LAKE AREA

STREAM	LOCATION	DATE OBSERVED
Allen Cr.	ON THE BEACH	
Miles Lake Cr.	ON THE BEACH	
Reneke Cr.	NEAR THE MOUTH	
Rover Cr.	ON THE BEACH	
Sand Lake	ALL, TIDEGATE AT DIKE ON SIDE END OF LAKE	

HEADS OF TIDE for COASTAL STREAMS in OREGON



SAND LAKE AREA

Quad Ref: Tillamook

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

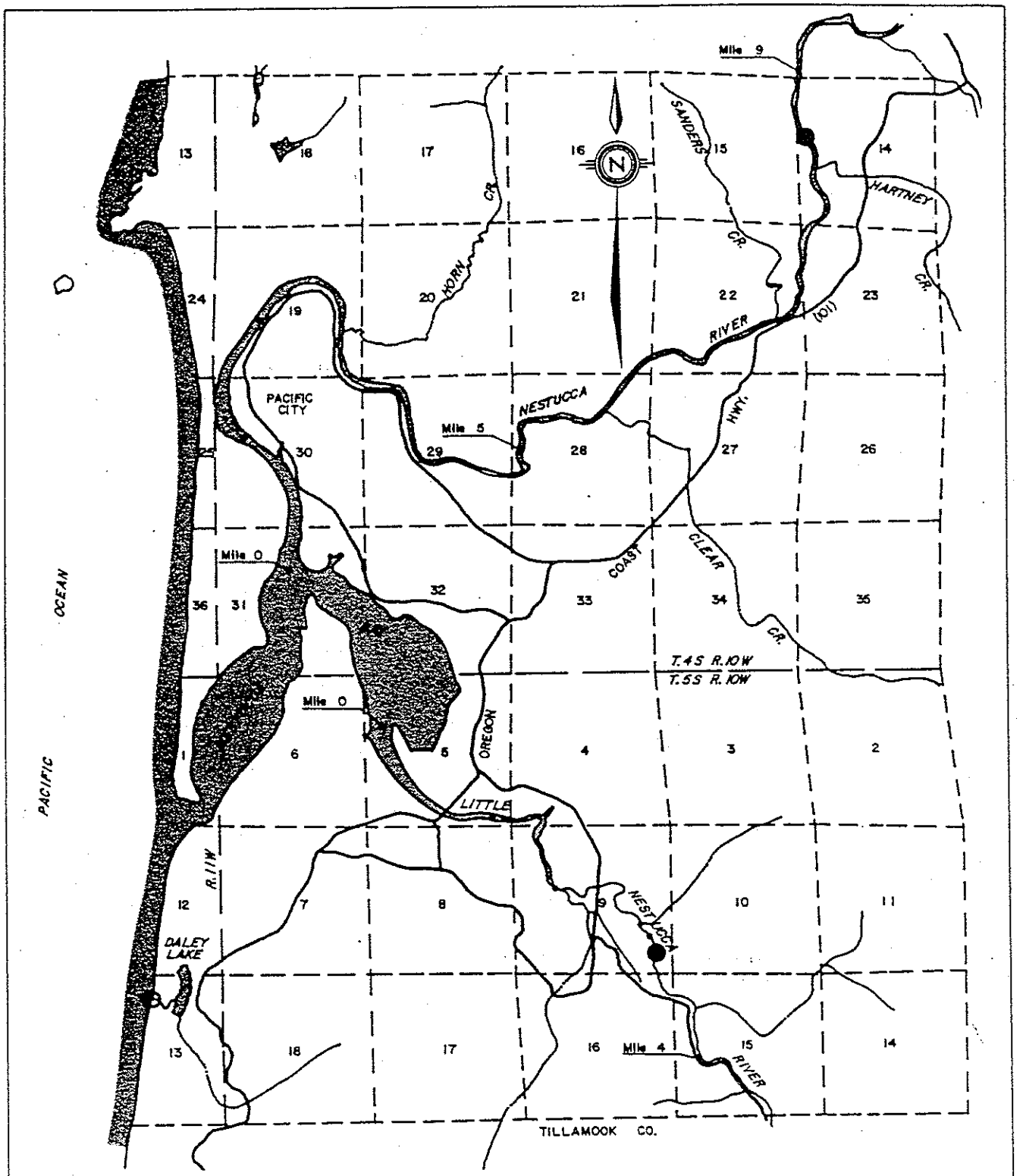
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

NESTUCCA BAY AREA

STREAM	LOCATION	DATE OBSERVED
Clear Cr.	NO TIDE EFFECT	Sept. 26, 1984
Daley Lake Cr.	T5S R11W Sec 13 - ON THE BEACH	Sept. 26, 1985
Hartney Cr.	NO TIDE EFFECT	Sept. 26, 1984
Horn Cr.	NO TIDE EFFECT	Sept. 26, 1984
Little Nestucca R.	T5S R10W Sec 9, RM 3.2	Mar. 29, 1979
Nestucca R.	T4S R10W Sec 14, RM 8.5	Mar. 29, 1979
Sanders Cr.	NO TIDE EFFECT	Sept. 26, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



NESTUCCA BAY AREA

Quad Ref: Hebo

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

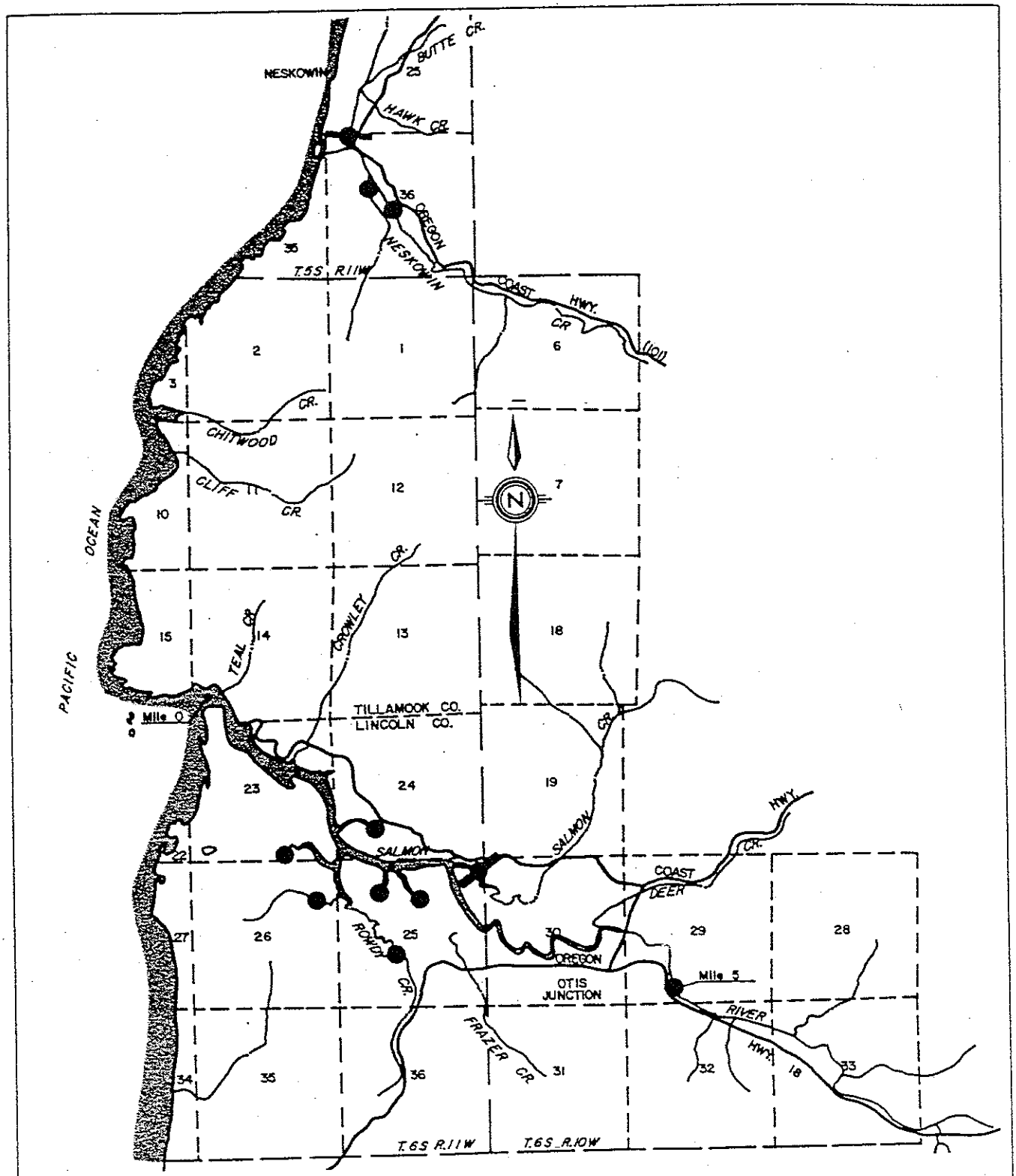
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

NESKOWIN - SALMON RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Chitwood Cr.	NO TIDE EFFECT	May 12, 1988
Cliff Cr.	NO TIDE EFFECT	May 12, 1988
Neskowin Cr.	T5S R11W Sec 36	Mar. 14, 1979
Rowdy Cr.	T6S R11W Sec 25	Mar. 14, 1979
Salmon Cr.	TIDE GATE	
Salmon R.	T6S R10W Sec 29, RM 5	Mar. 14, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



NESKOWIN - SALMON RIVER AREA

Quad Ref: Hebo

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

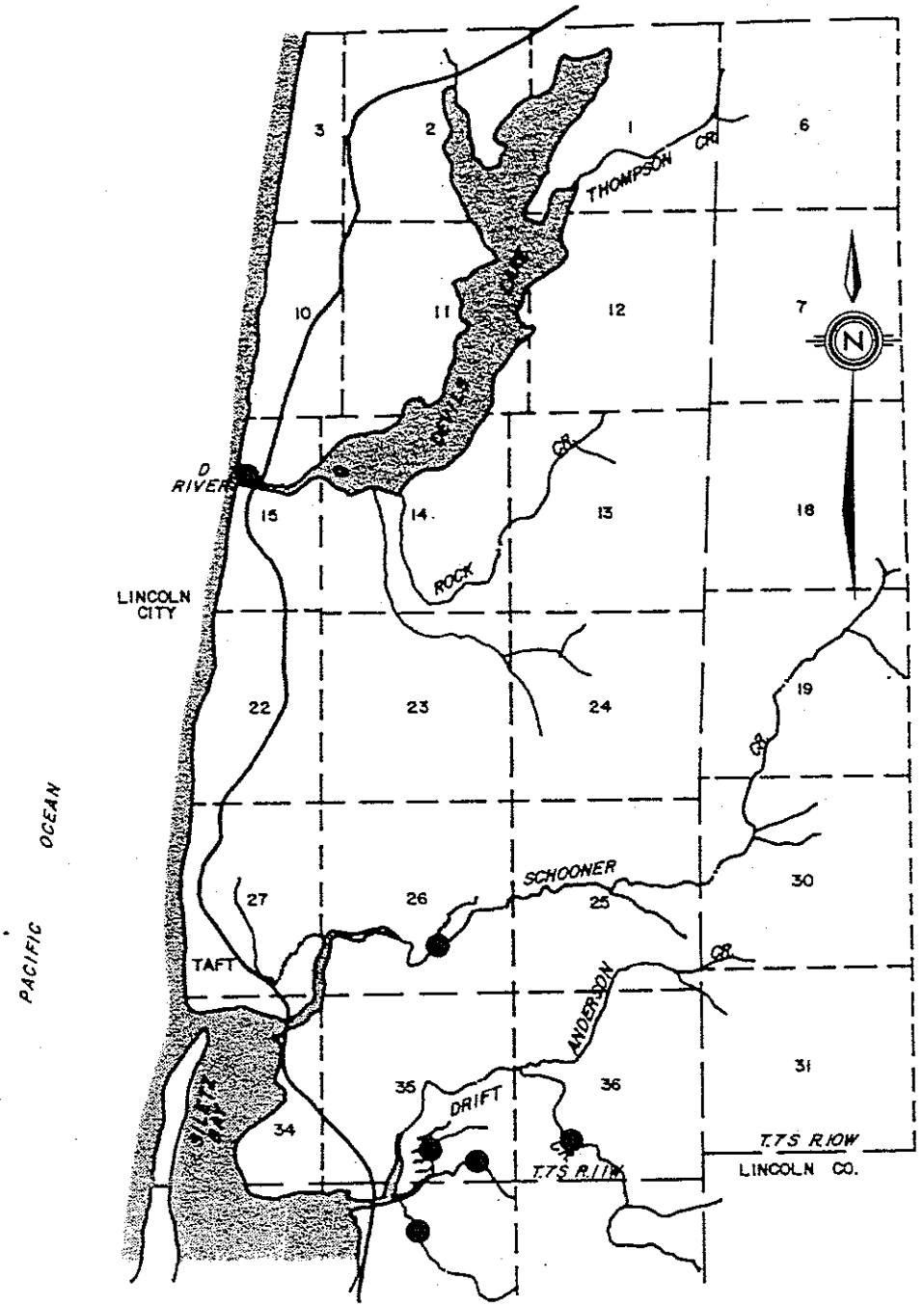
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SILETZ BAY AREA 1 of 2

STREAM	LOCATION	DATE OBSERVED
Anderson Cr.	NO TIDE EFFECT	May 12, 1988
D River	T7S R11W Sec 15 - 50 yards West of Hwy Bridge	Mar. 14, 1979
Drift Cr.	T7S R11W Sec 36	Mar. 13, 1979
Schooner Cr.	T7S R11W Sec 26	Mar. 13, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



SILETZ BAY AREA 1of 2

Quad Ref: Cape Foulweather

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

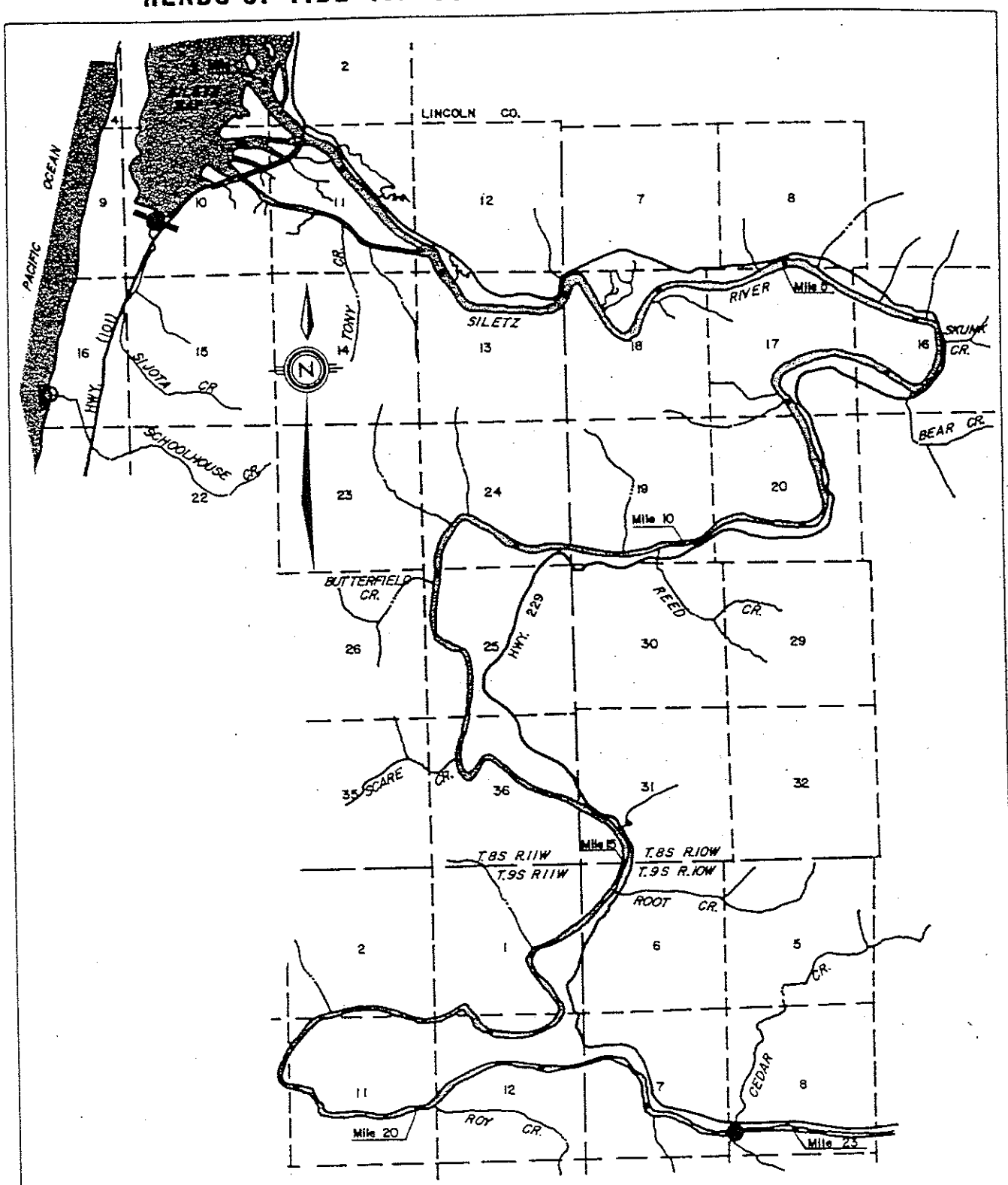
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SILETZ BAY AREA 2 of 2

STREAM	LOCATION	DATE OBSERVED
School House Cr.	T8S R11W Sec. 16 - ON THE BEACH	Sept. 11, 1984
Sijota Cr.	T8S R11W Sec. 10 - Tidegate at golf course crossing	Sept. 11, 1984
Siletz R.	T9S R10W Sec. 8, RM 22.6 at the confluence of Cedar Creek	Mar. 15, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



SILETZ BAY AREA 2of 2

Quad Ref: Euchre Mtn., Cape Foulweather

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

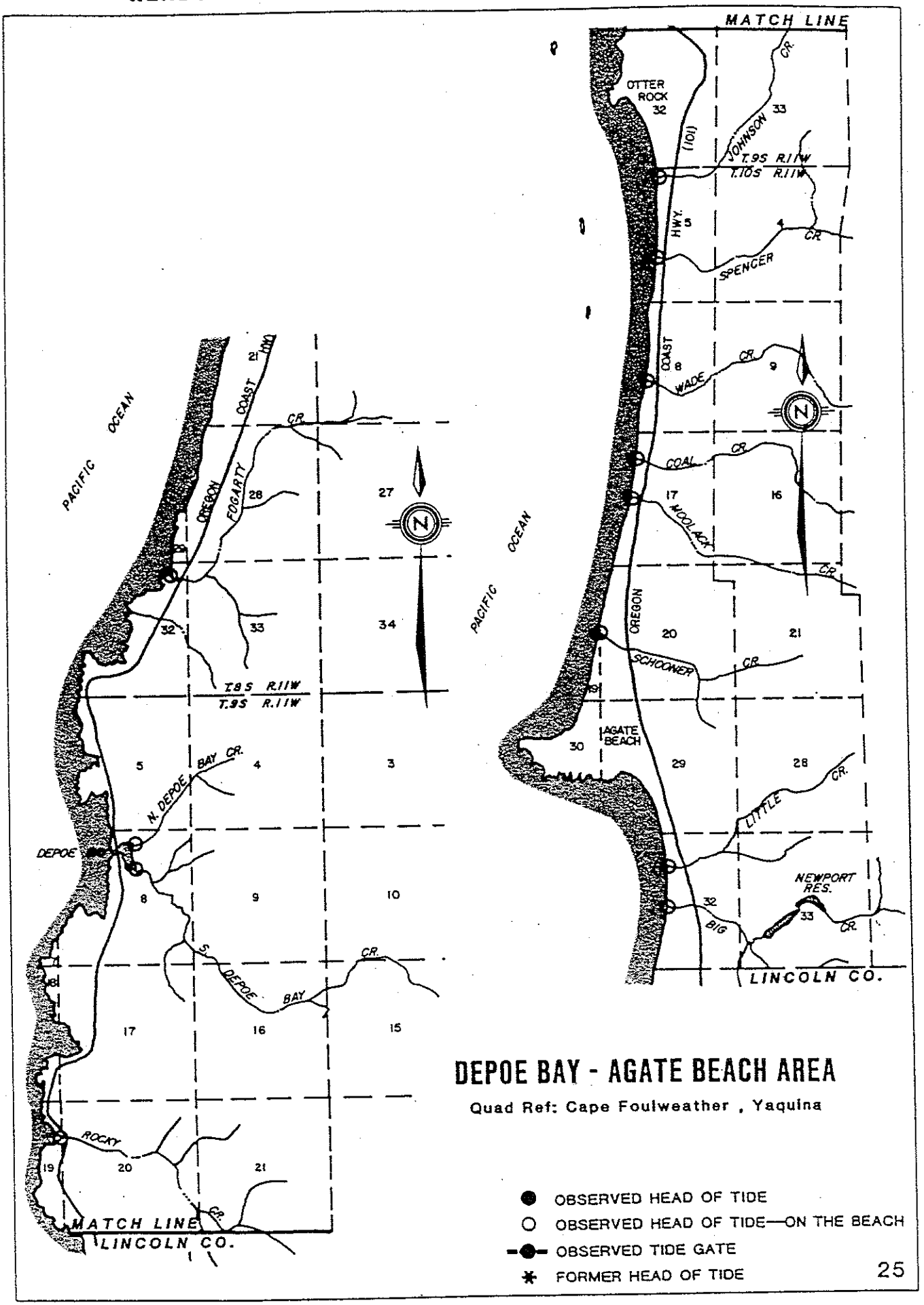
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

DEPOE BAY - AGATE BEACH AREA

STREAM	LOCATION	DATE OBSERVED
Big Cr.	T10S R11W Sec 32 - ON THE BEACH	Sept. 11, 1984
Coal Cr.	T10S R11W Sec 17 - ON THE BEACH	Sept. 11, 1984
Fogarty Cr.	T8S R11W Sec 32 - ON THE BEACH	Sept. 11, 1984
Johnson Cr.	T10S R11W Sec 5 - ON THE BEACH	Sept. 11, 1984
Little Cr.	T10S R11W Sec 32 - ON THE BEACH	Sept. 11, 1984
Moolack Cr.	T10S R11W Sec 17 - ON THE BEACH	Sept. 11, 1984
N. Depoe Bay Cr.	T9S R11W Sec 8 - NO TIDE EFFECT	Sept. 11, 1984
Rocky Cr.	T9S R11W Sec 19 - NO TIDE EFFECT	Sept. 11, 1984
S. Depoe Bay Cr.	T9S R11W Sec 8 - NO TIDE EFFECT	Sept. 11, 1984
Schooner Cr.	T10S R11W Sec 19 - ON THE BEACH	Sept. 11, 1984
Spencer Cr.	T10S R11W Sec 5 - ON THE BEACH	Sept. 11, 1984
Wade Cr.	T10S R11W Sec 8 - ON THE BEACH	Sept. 11, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



DEPOE BAY - AGATE BEACH AREA

Quad Ref: Cape Foulweather , Yaquina

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

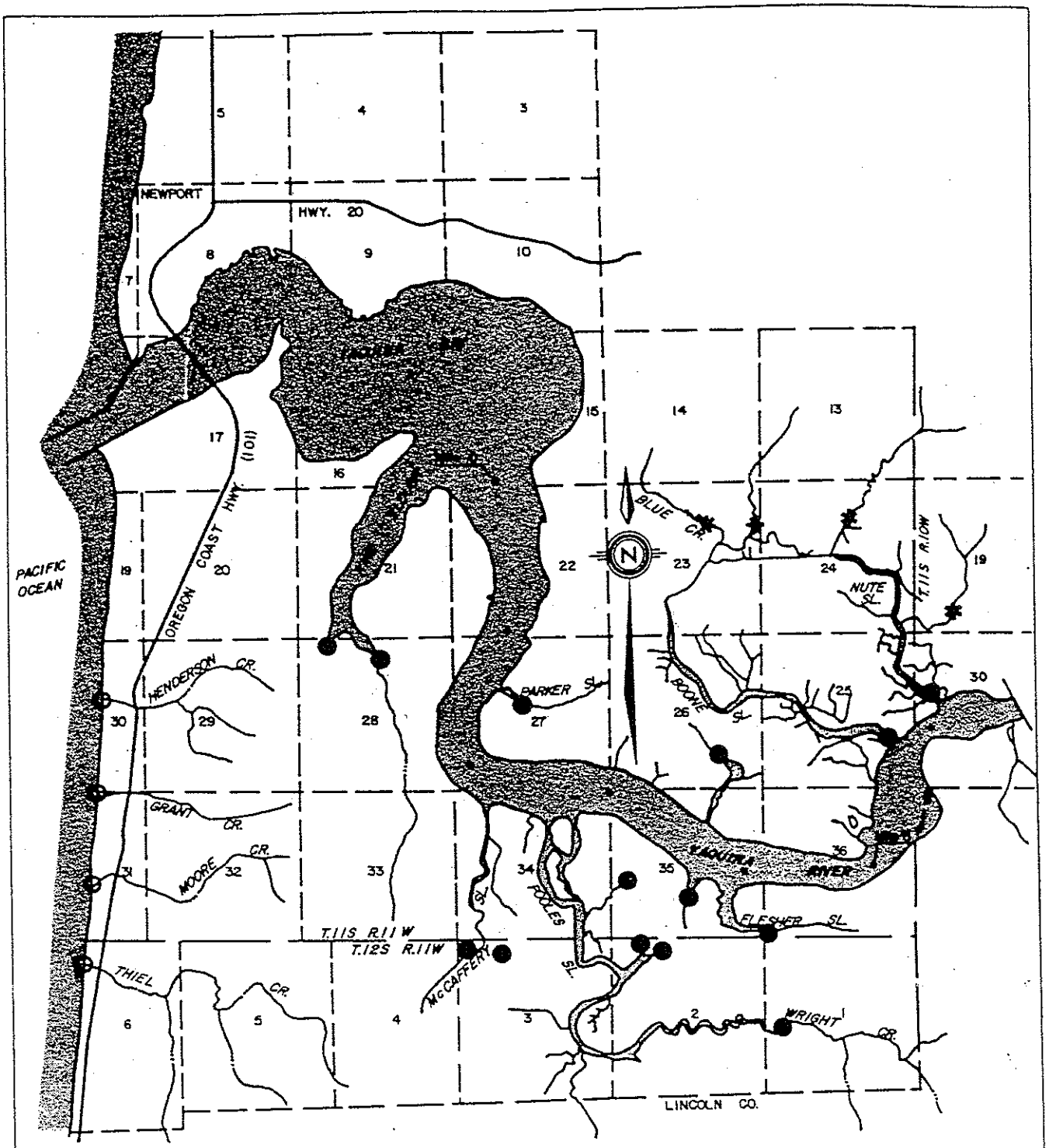
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

YAQUINA RIVER AREA 1 of 2

STREAM	LOCATION	DATE OBSERVED
Boone Slough	T11S R11W Sec 25 - Diked	July 24, 1979
Flesher Slough	T11S R11W Sec 35	Sept. 11, 1984
Grant Creek	T11S R11W Sec 30 - ON THE BEACH	Sept. 11, 1984
Henderson Cr	T11S R11W Sec 30 - ON THE BEACH	Sept. 11, 1984
King Slough	T11S R11W Sec 28	July 26, 1979
McCaffery Sl	T12S R11W Sec 3	July 24, 1979
Moore Creek	T11S R11W Sec 31 - ON THE BEACH	Sept. 11, 1984
Nute Slough	T11S R10W Sec 30 - Diked	July 24, 1979
Parker Slough	T11S R11W Sec 27	Sept. 11, 1984
Pooles Slough	T12S R11W Sec 1	July 26, 1979
Thiel Creek	T12S R11W Sec 6 - ON THE BEACH	Sept. 11, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



YAQUINA RIVER AREA 1 of 2

Quad Ref: Yaquina, Toledo

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

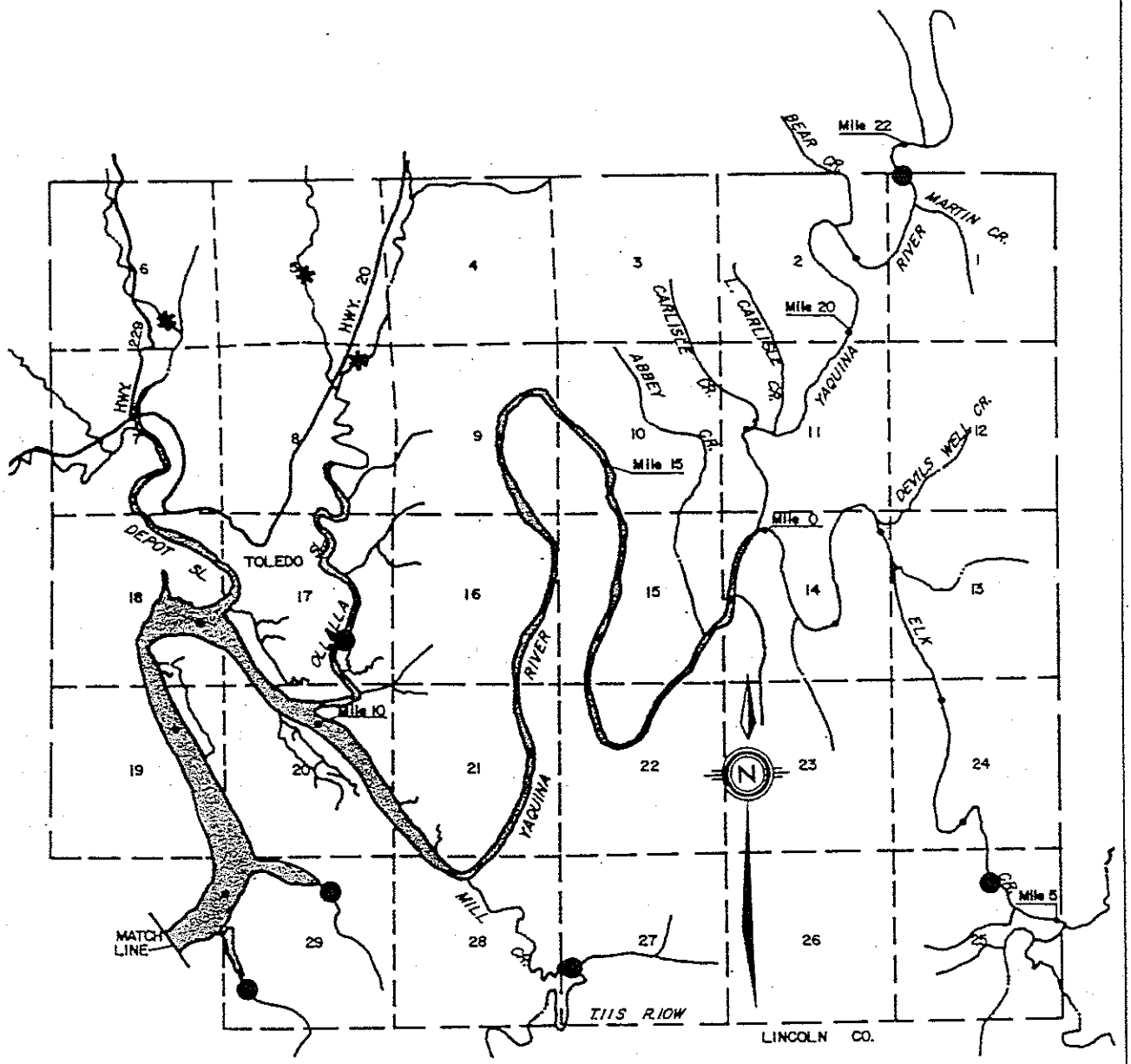
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

YAQUINA RIVER AREA 2 of 2

STREAM	LOCATION	DATE OBSERVED
Depot Slough	T11S R10W Sec. 6 Former Head of Tide obtained from local sources	
Elk Creek	T11S R10W Sec 25 RM 4.5	Aug. 20, 1979
Mill Creek	T11S R10W Sec 27	July 26, 1979
Ollalla Sl	T11S R10W Sec. 17 Former Head of Tide obtained from local sources,	
	T11S R10W, Sec. 8 and 5	Aug. 20, 1979
Yaquina River	T11S R10W Sec 1 - RM 21.8	Aug. 20, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



YAQUINA RIVER AREA 2 of 2

Quad Ref: Toledo

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

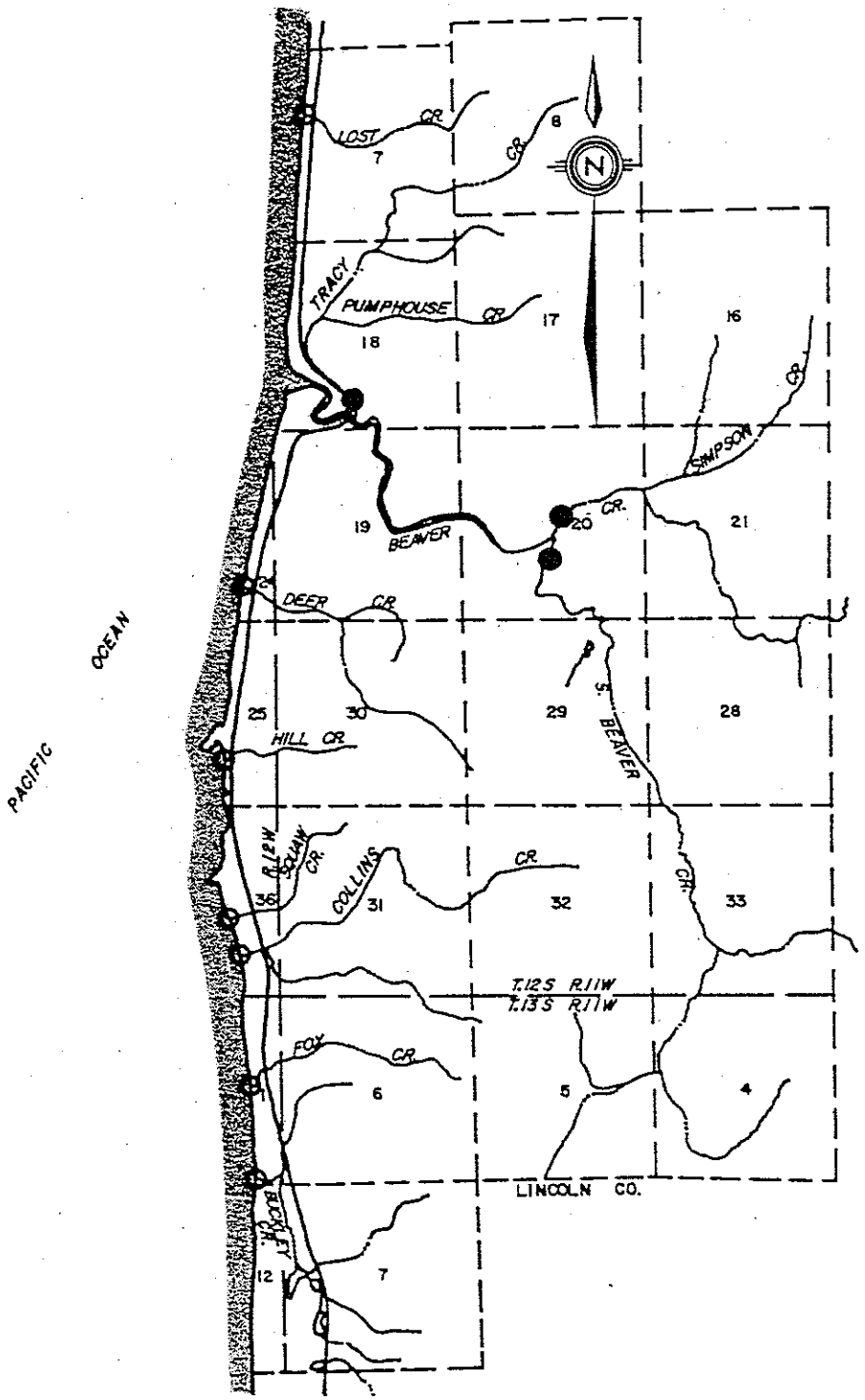
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

BEAVER CREEK AREA

STREAM	LOCATION	DATE OBSERVED
Beaver Cr.	T12S R11W Sec 20	Aug 8, 1979
Buckley Cr.	T13S R12W Sec 1 - ON THE BEACH	Sept. 12, 1984
Collins Cr.	T12S R12W Sec 36 - ON THE BEACH	Sept. 12, 1984
Deer Cr.	T12S R12W Sec 24 - ON THE BEACH	Sept. 12, 1984
Fox Cr.	T13S R12W Sec 1 - ON THE BEACH	Sept. 12, 1984
Hill Cr.	T12S R12W Sec 25 - ON THE BEACH	Sept. 12, 1984
Lost Cr.	T12S R11W Sec 7 - ON THE BEACH	Sept. 11, 1984
Pumphouse Cr.	T12S R11W Sec 18	Sept. 12, 1984
S. Beaver Cr.	T12S R11W Sec 20	Aug 8, 1979
Squaw Cr.	T12S R12W Sec 36 - ON THE BEACH	Sept. 12, 1984

HEADS OF TIDE for COASTAL STREAMS in OREGON



BEAVER CREEK AREA

Quad Ref: Yaquina, Waldport

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

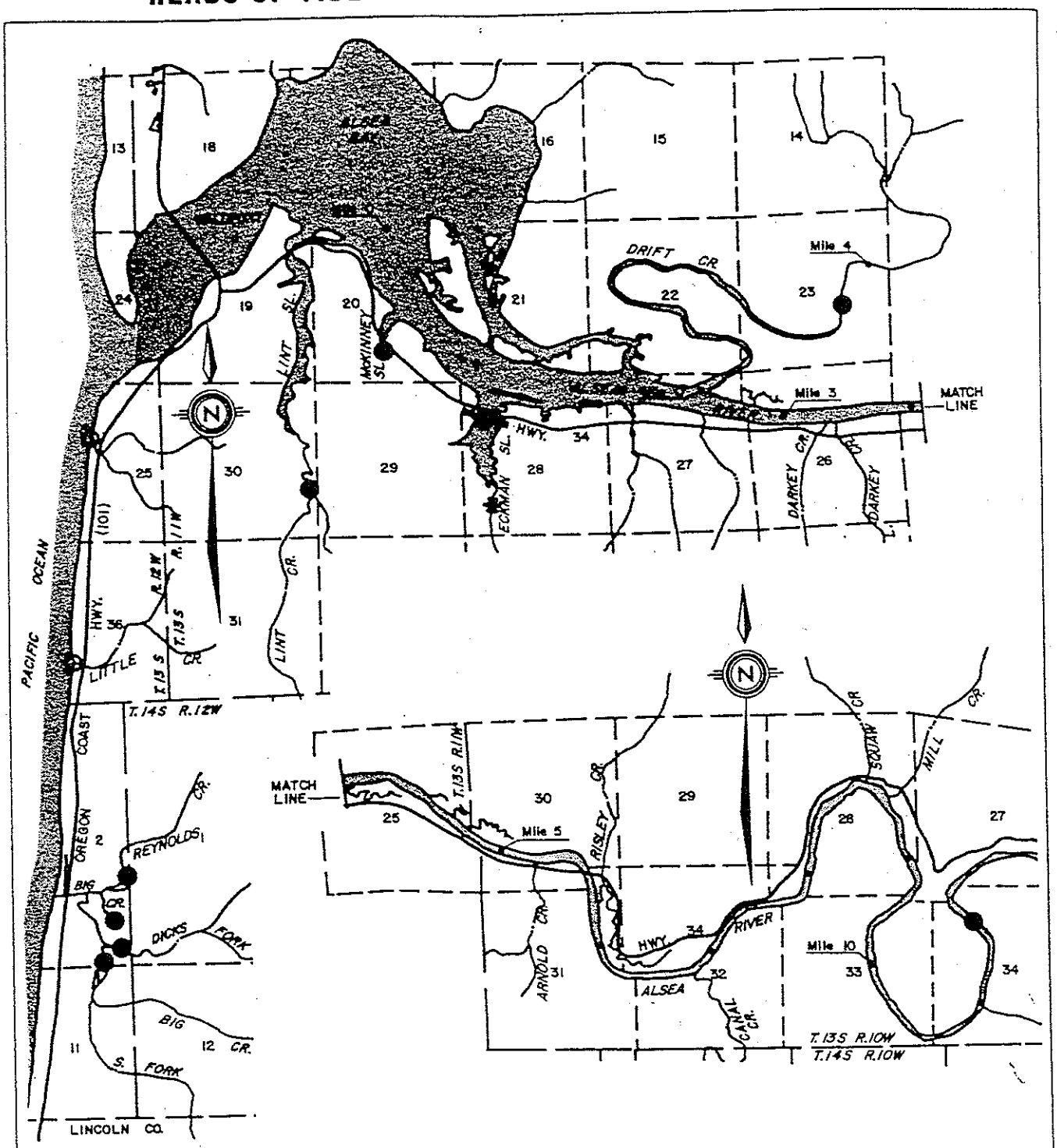
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

ALSEA RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Alsea R.	T13S R10W Sec 34 RM 11.5 established through local sources	Aug. 7, 1979
Big Creek	T14S R12W Sec 2	Feb. 26, 1979
Drift Creek	T13S R11W Sec 23 RM 2.7	Aug. 8, 1979
Eckman Sl	T13S R11W Sec 28 - Tide Gate former H of T established by on-site investigation	
Lint Sl	T13S R11W Sec 30	Aug. 8, 1979
Little Creek	T13S R12W - ON THE BEACH	Aug. 15, 1984
McKinney Sl	T13S R11W Sec 20	Aug. 8, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



ALSEA RIVER AREA

Quad Ref: Waldport, Tidewater

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

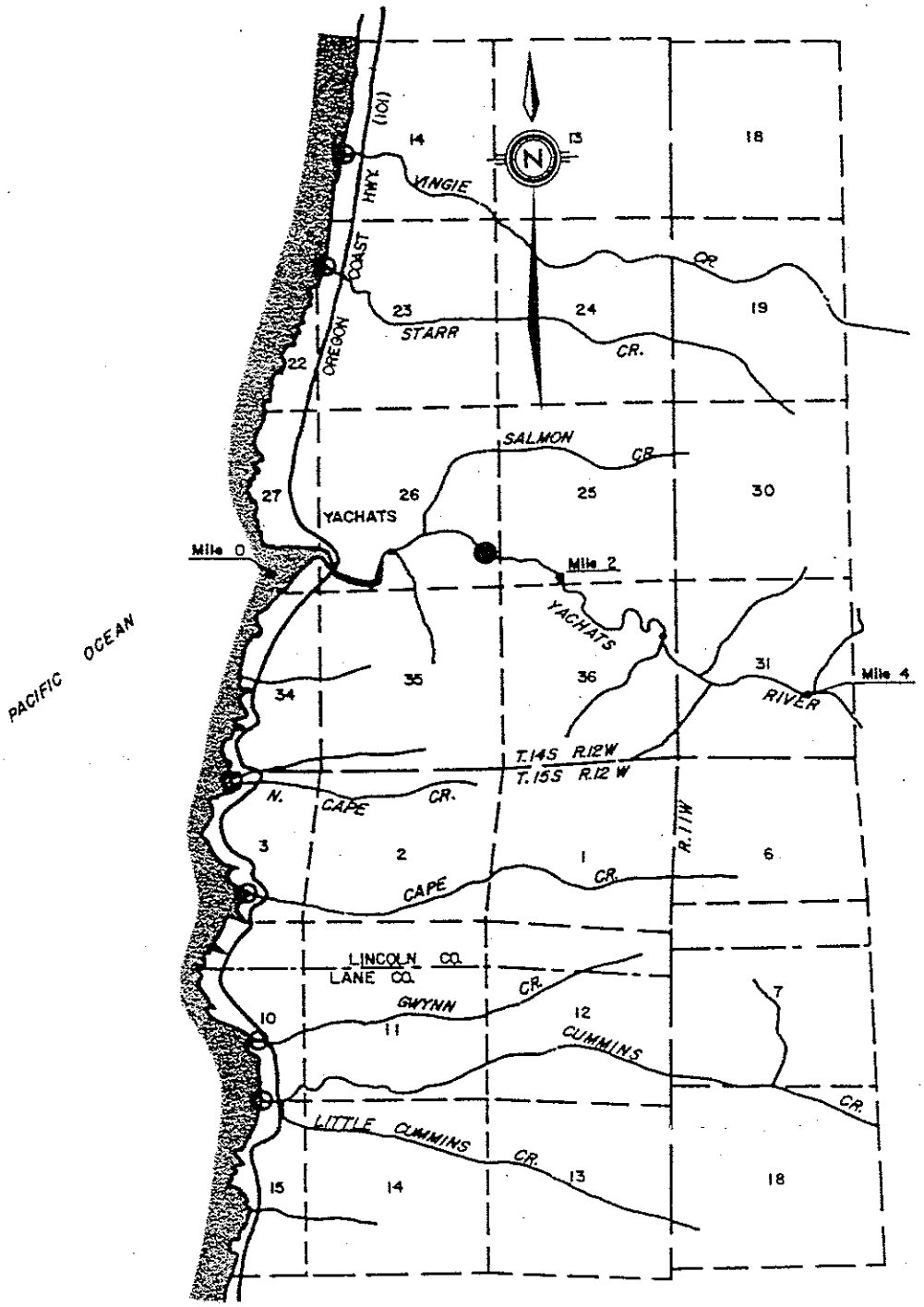
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

YACHATS RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Cape Cr.	T15S R12W Sec 3 - ON THE BEACH	Aug. 15, 1984
N. Cape Cr.	T15S R12W Sec 3 - ON THE BEACH	Aug. 15, 1984
Cummins Cr.	T15S R12W Sec 10 - ON THE BEACH	Aug. 15, 1985
Gwynn Cr.	T15S R12W Sec 10 - ON THE BEACH	Aug. 15, 1985
Salmon Cr.	trib of Yachats - NO TIDE EFFECT	Aug. 15, 1984
Starr Cr.	T14S R12W Sec 23 - ON THE BEACH	Aug. 15, 1984
Vingie Cr.	T14S R12W Sec 14 - ON THE BEACH	Aug. 15, 1984
Yachats River	T14S R12W Sec 26 - RM 1.5	Feb. 26, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



YACHATS RIVER AREA

Quad Ref: Waldport

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

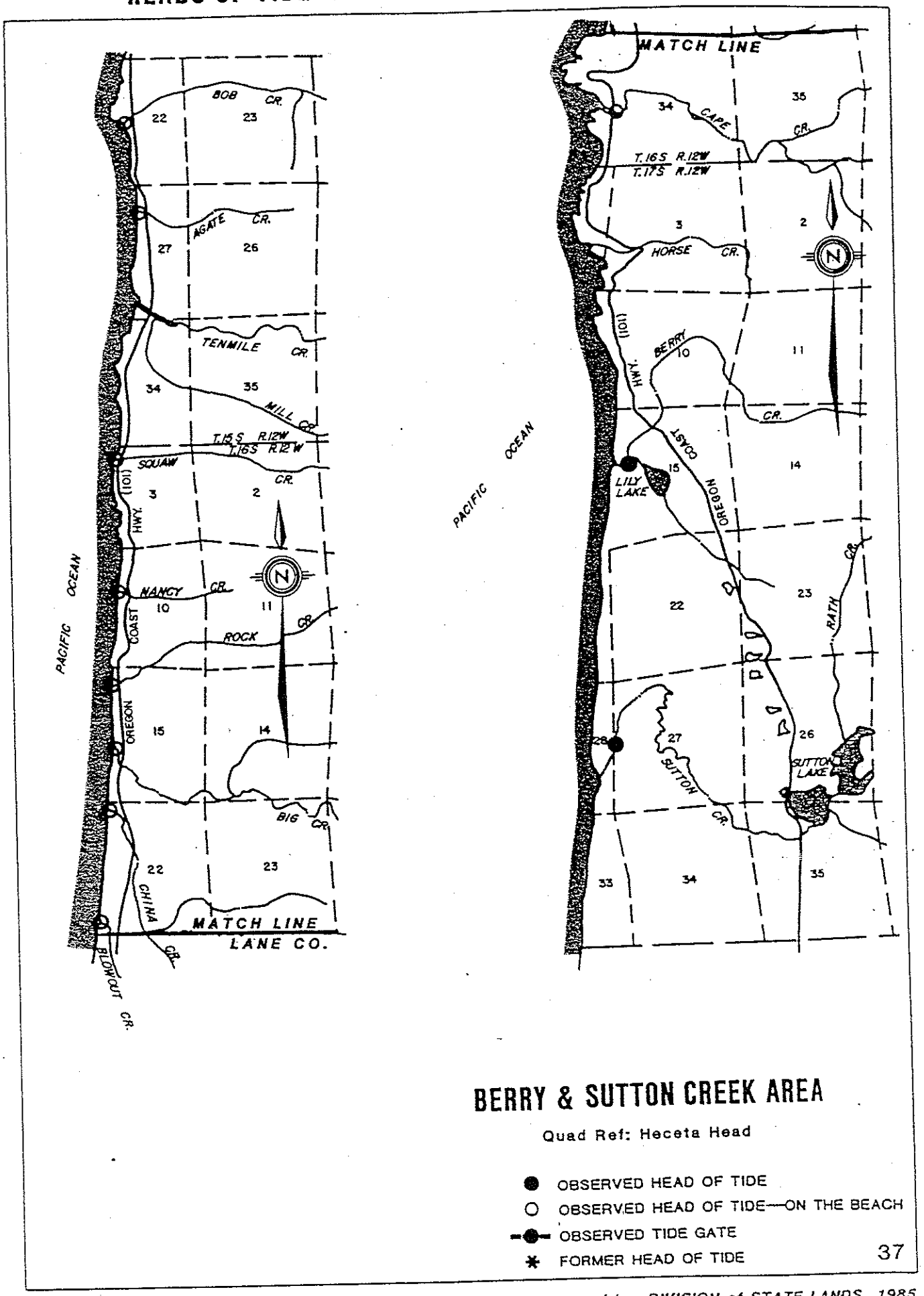
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

BERRY & SUTTON CREEK AREA

STREAM	LOCATION	DATE OBSERVED
Agate Cr.	T15S R12W Sec 27 - ON THE BEACH	Aug. 15, 1984
Berry Cr.	T17S R12W Sec 15 - ON THE BEACH	
Big Cr.	T16S R12W Sec 15 - ON THE BEACH	Aug. 15, 1984
Blowout Cr.	T16S R12W Sec 22 - ON THE BEACH	Aug. 15, 1984
Bob Cr.	T15S R12W Sec 22 - ON THE BEACH	Aug. 15, 1984
Cape Cr.	T16S R12W Sec 34 - ON THE BEACH	
China Cr.	T16S R12W Sec 22 - ON THE BEACH	Aug. 15, 1984
Nancy Cr.	T16S R12W Sec 10 - ON THE BEACH	Aug. 15, 1984
Rock Cr.	T16S R12W Sec 15 - ON THE BEACH	Aug. 15, 1984
Squaw Cr.	T16S R12W Sec 3 - ON THE BEACH	Aug. 15, 1984
Sutton Cr.	T17S R12W Sec 28 - RM-0.4	
Tenmile Cr.	Not Done	

HEADS OF TIDE for COASTAL STREAMS in OREGON



BERRY & SUTTON CREEK AREA

Quad Ref: Heceta Head

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

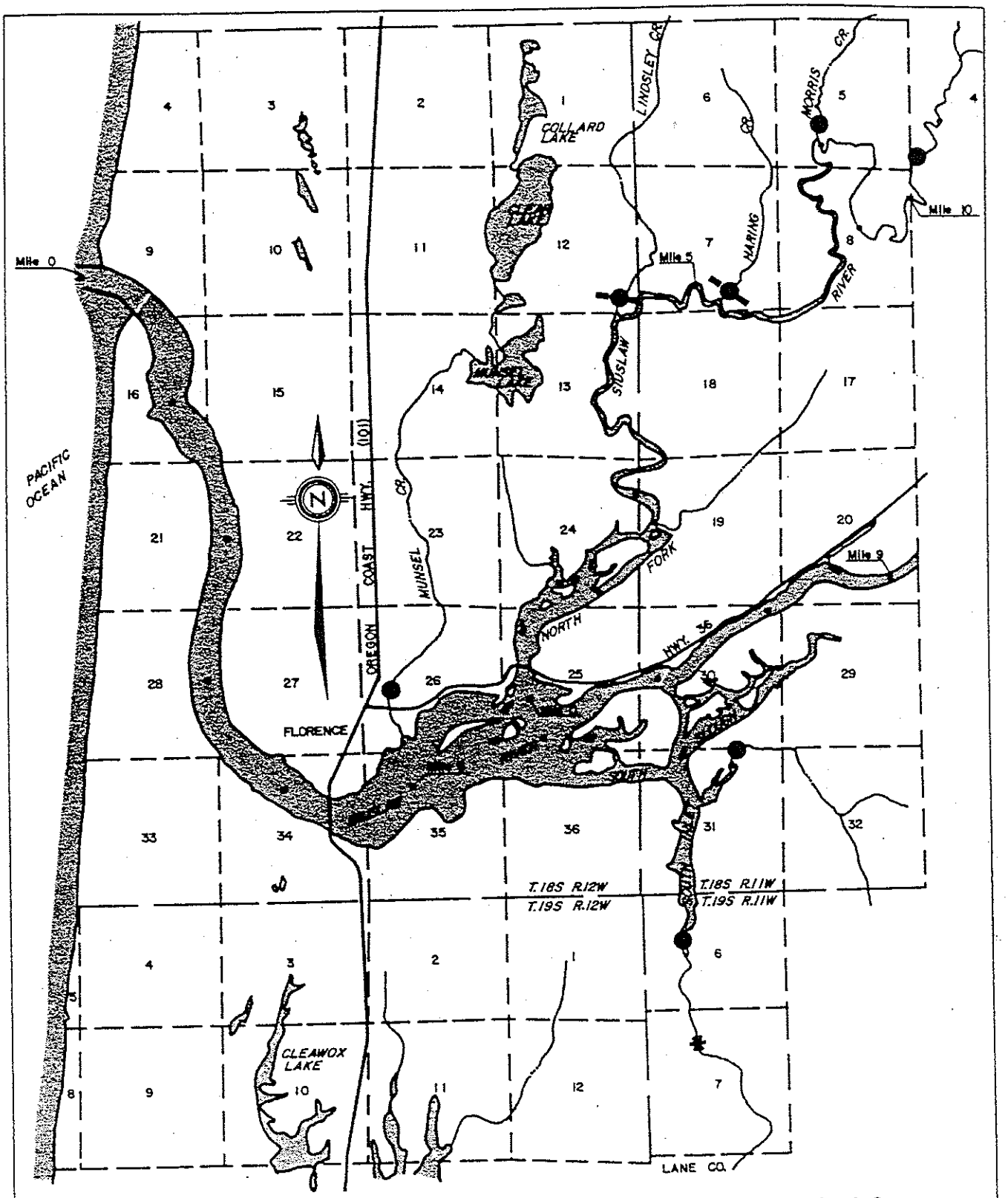
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SIUSLAW RIVER AREA 1 of 2

STREAM	LOCATION	DATE OBSERVED
Haring Cr.	T18S R11W Sec 7 - DIKED	
Lindsley Cr.	T18S R12W Sec 12 - TIDEGATE	
Morris Cr.	T18S R11W Sec 5	June 26, 1979
Munsel Cr.	T18S R12W Sec 26 - N. Side of Hwy 36	
North Fork Siuslaw R.	T18S R11W Sec 4 - RM 10.5	June 26, 1979
South Inlet	T18S R11W Sec 31 & T19S R11W Sec 6 Former H of T established through local sources	June 27, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



SIUSLAW RIVER AREA 1 of 2

Quad Ref: Heceta Head, Siltcoos

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

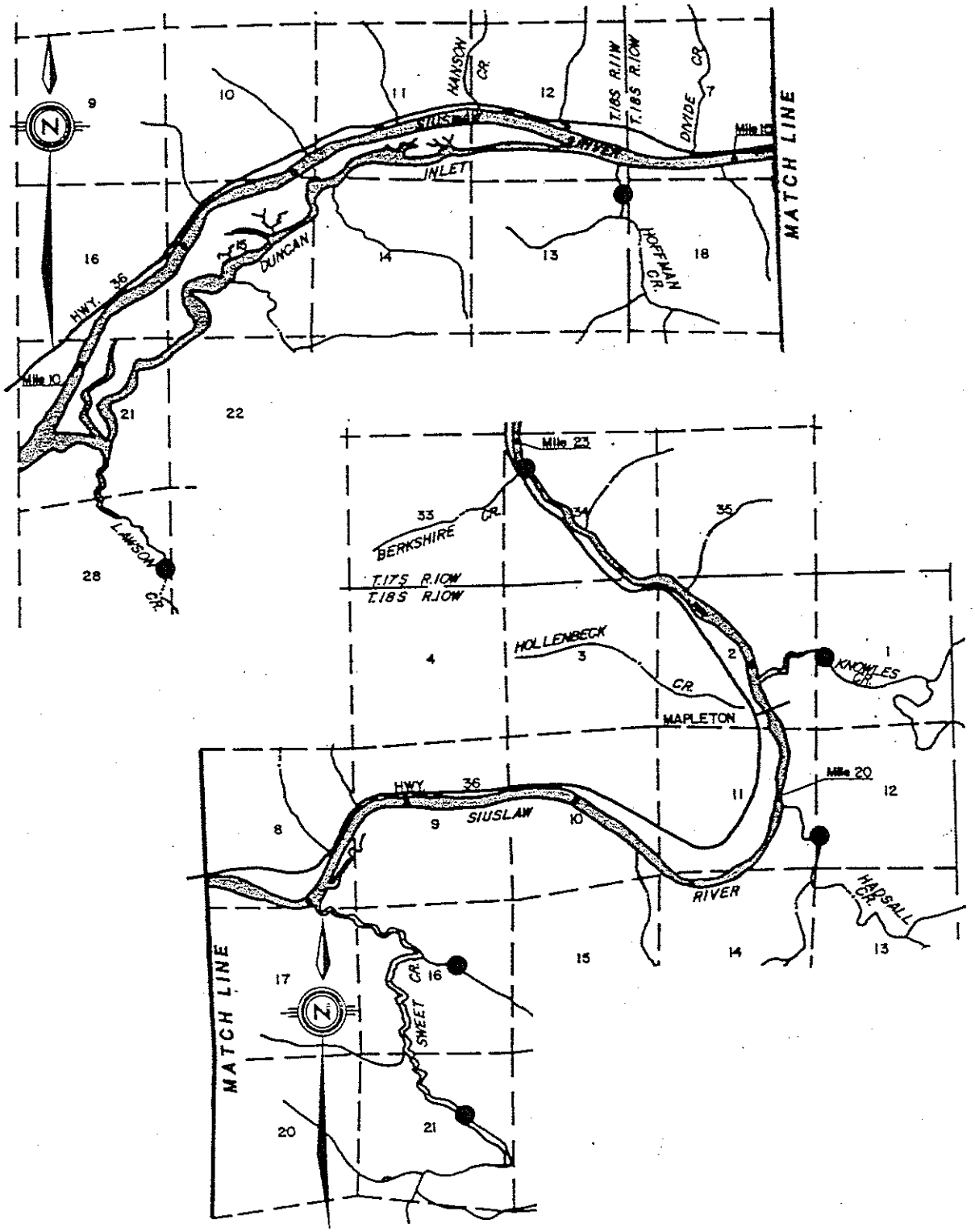
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SIUSLAW RIVER AREA 2 of 2

STREAM	LOCATION	DATE OBSERVED
Hadsall Cr.	T18S R10W Sec 12	July 12, 1979
Hoffman Cr.	T18S R11W Sec 13	June 27, 1979
Knowles Cr.	T18S R10W Sec 1	July 12, 1979
Lawson Cr.	T18S R11W Sec 28	June 27, 1979
Siuslaw R.	T17S R10W Sec 34 RM 22.8 at Berkshire Cr.	June 27, 1979
Sweet Cr.	T18S R10W Sec 16 & 21	June 27, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



SIUSLAW RIVER AREA 2 of 2

Quad Ref: Siltcoos, Heceta Head, Mapleton, Goodwin Peak

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

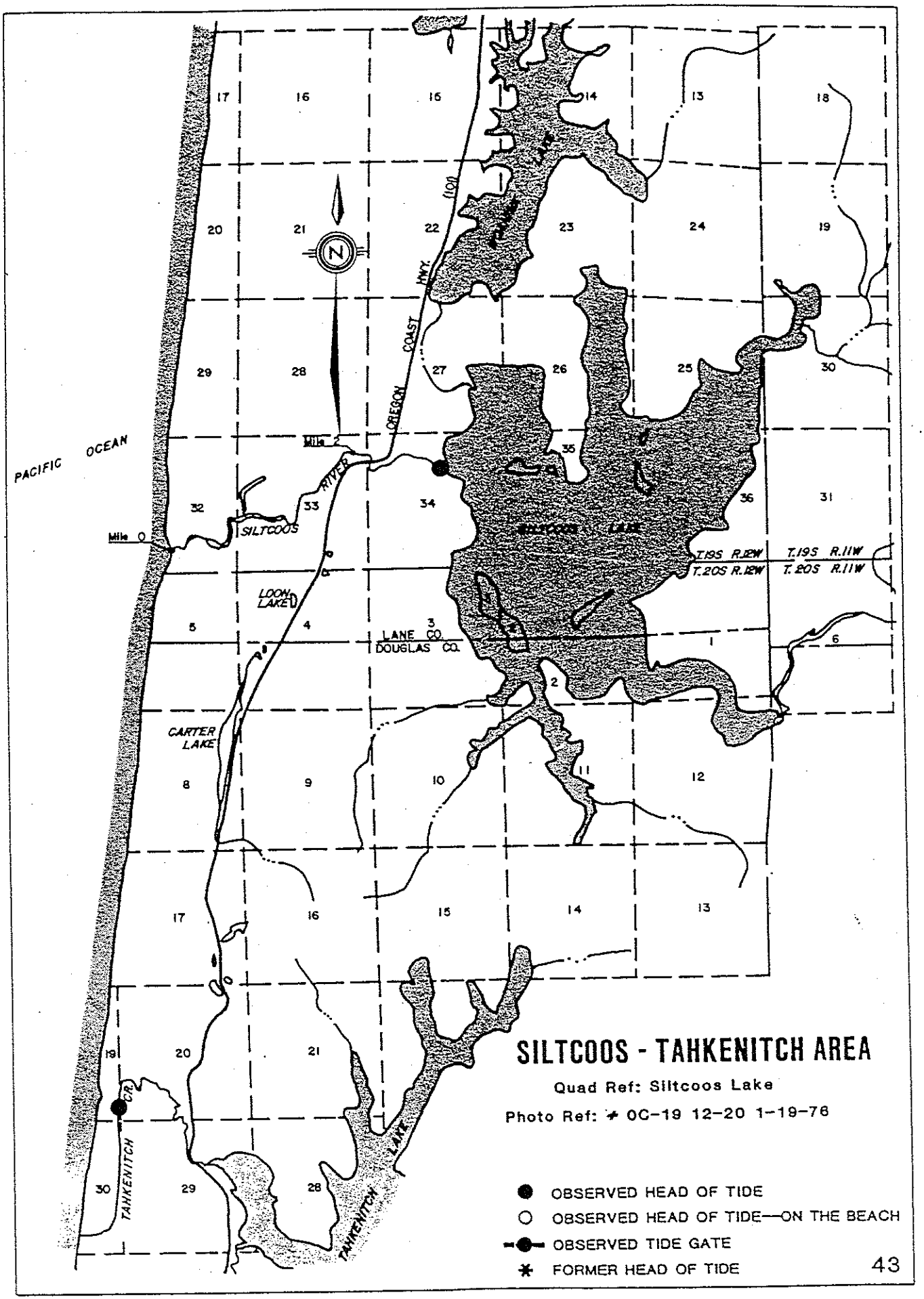
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SILTCOOS - TAHKENITCH AREA

STREAM	LOCATION	DATE OBSERVED
Siltcoos R.	T19S R12W Sec 34	Feb. 27, 1979
Tahkenitch Cr.	T20S R12W Sec 19	Feb. 27, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



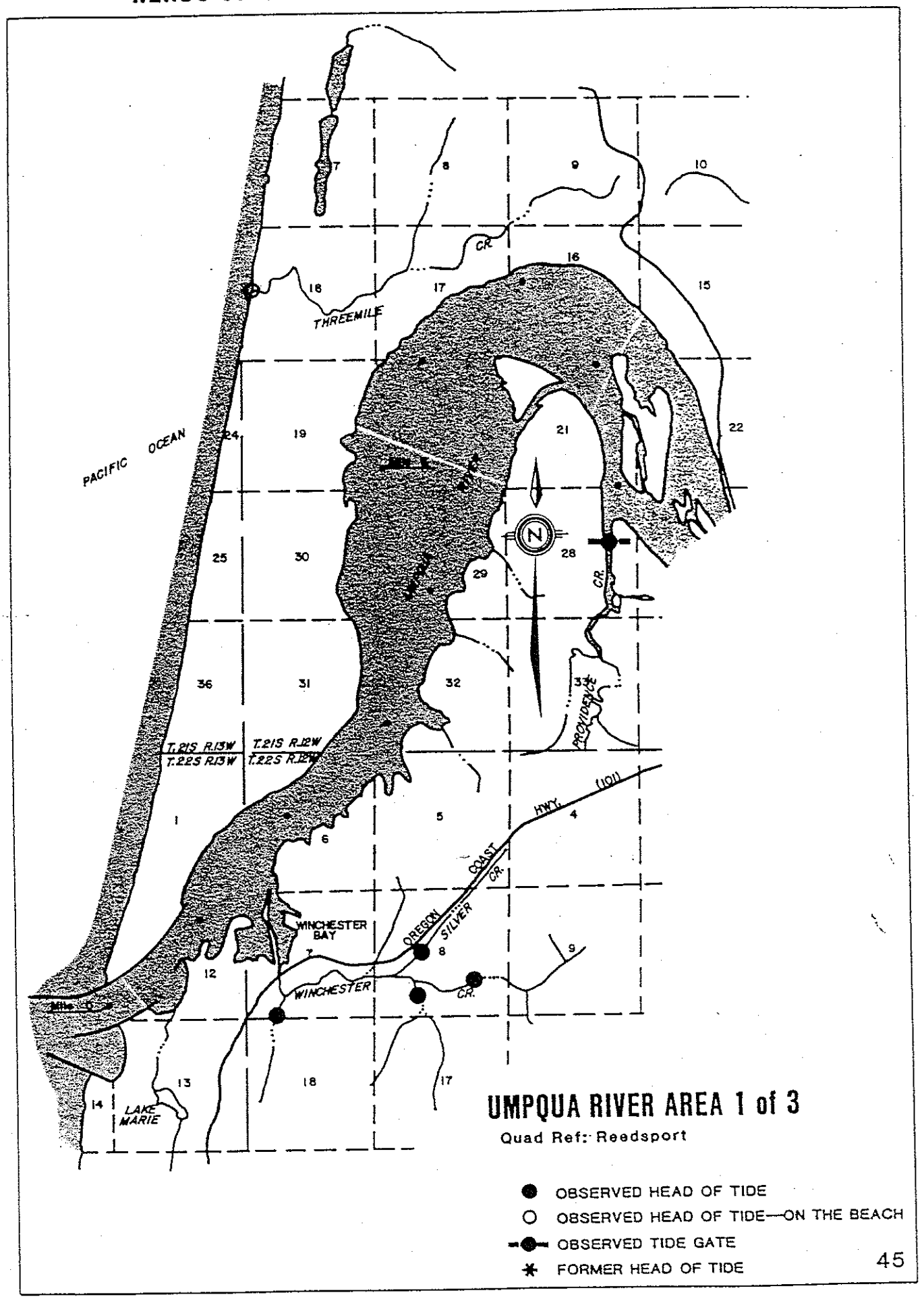
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

UMPQUA RIVER AREA 1 of 3

STREAM	LOCATION	DATE OBSERVED
Providence Cr.	Diked T21S R12W Sec 28	July 11, 1979
Silver Cr.	T22S R12W Sec 8	Aug. 4, 1980
Threemile Cr.	T21S R12W Sec 18 - ON THE BEACH	
Winchester Cr.	T22S R12W Sec 8	Sept. 20, 1982

HEADS OF TIDE for COASTAL STREAMS in OREGON



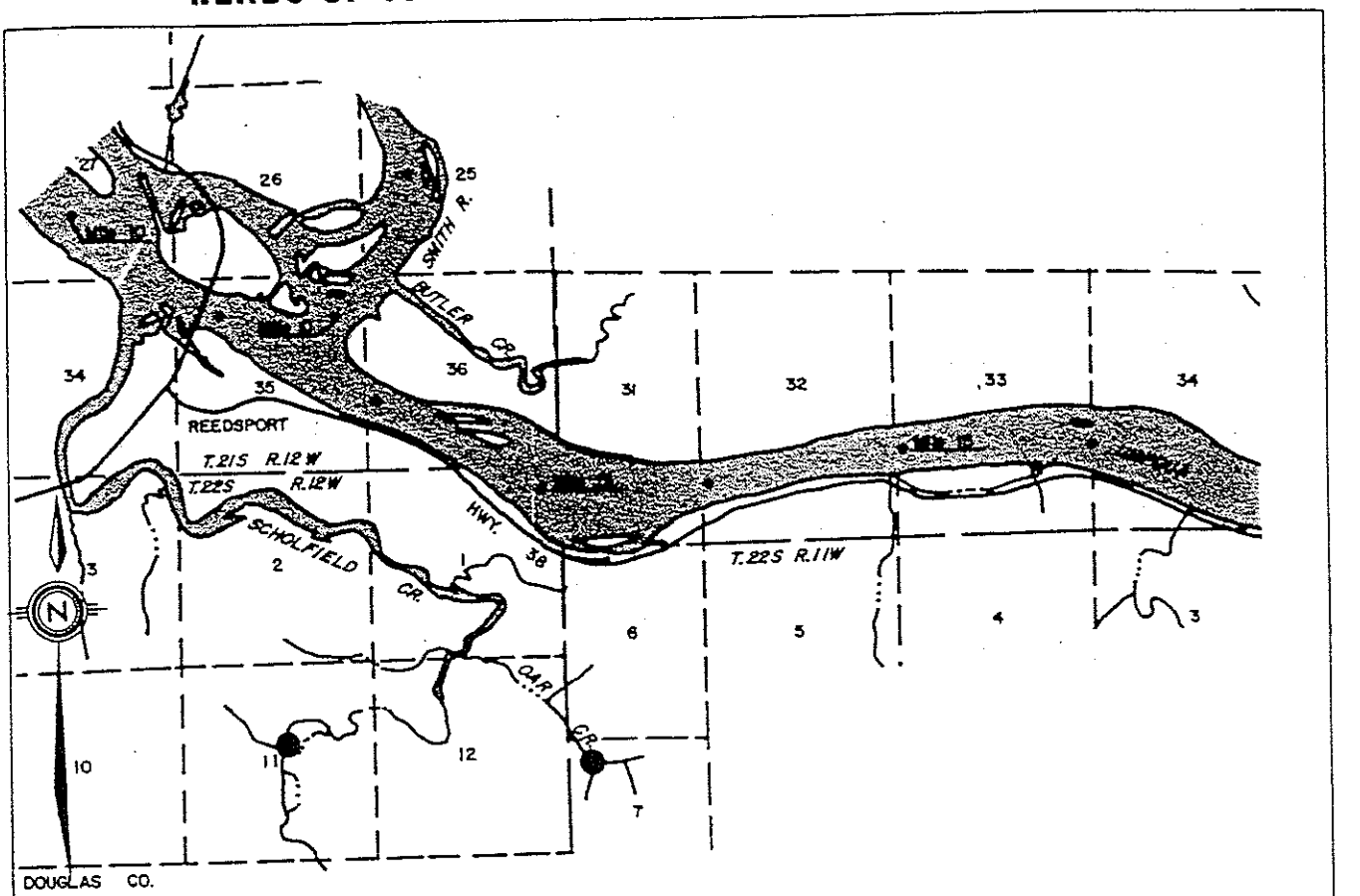
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

UMPQUA RIVER AREA 2 of 3

STREAM	LOCATION	DATE OBSERVED
Oar Cr.	T22S R11W Sec 7	July 11, 1979
Scholfield Cr.	T22S R12W Sec 11	July 11, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



UMPQUA RIVER AREA 2 of 3

Quad Ref: Reedsport

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

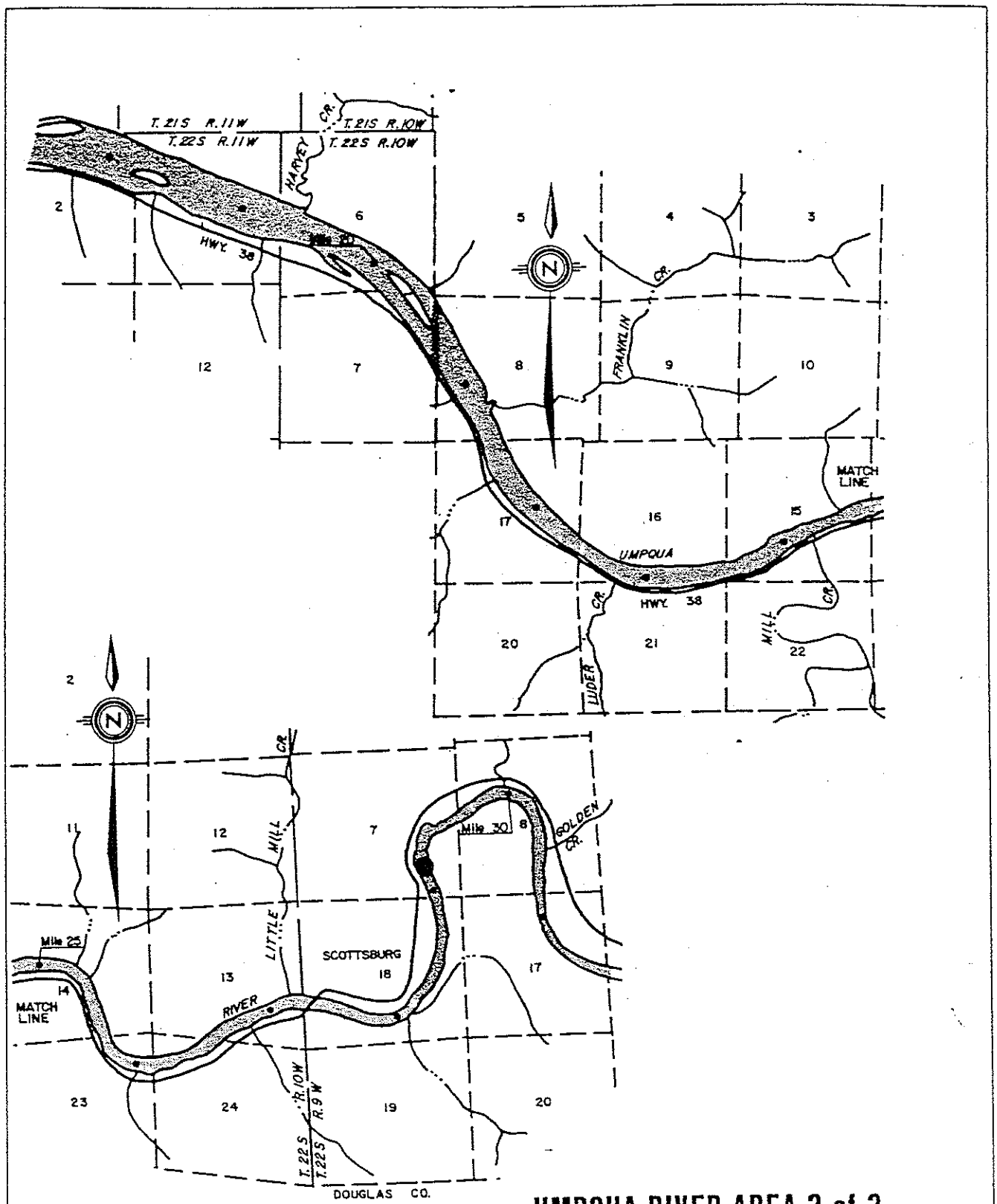
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

UMPQUA RIVER AREA 3 of 3

STREAM	LOCATION	DATE OBSERVED
Umpqua River	T22S R9W Sec 7 RM 29.2	Aug. 18, 1977

HEADS OF TIDE for COASTAL STREAMS in OREGON



UMPQUA RIVER AREA 3 of 3

Quad Ref: Reedsport ,Scottsburg

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

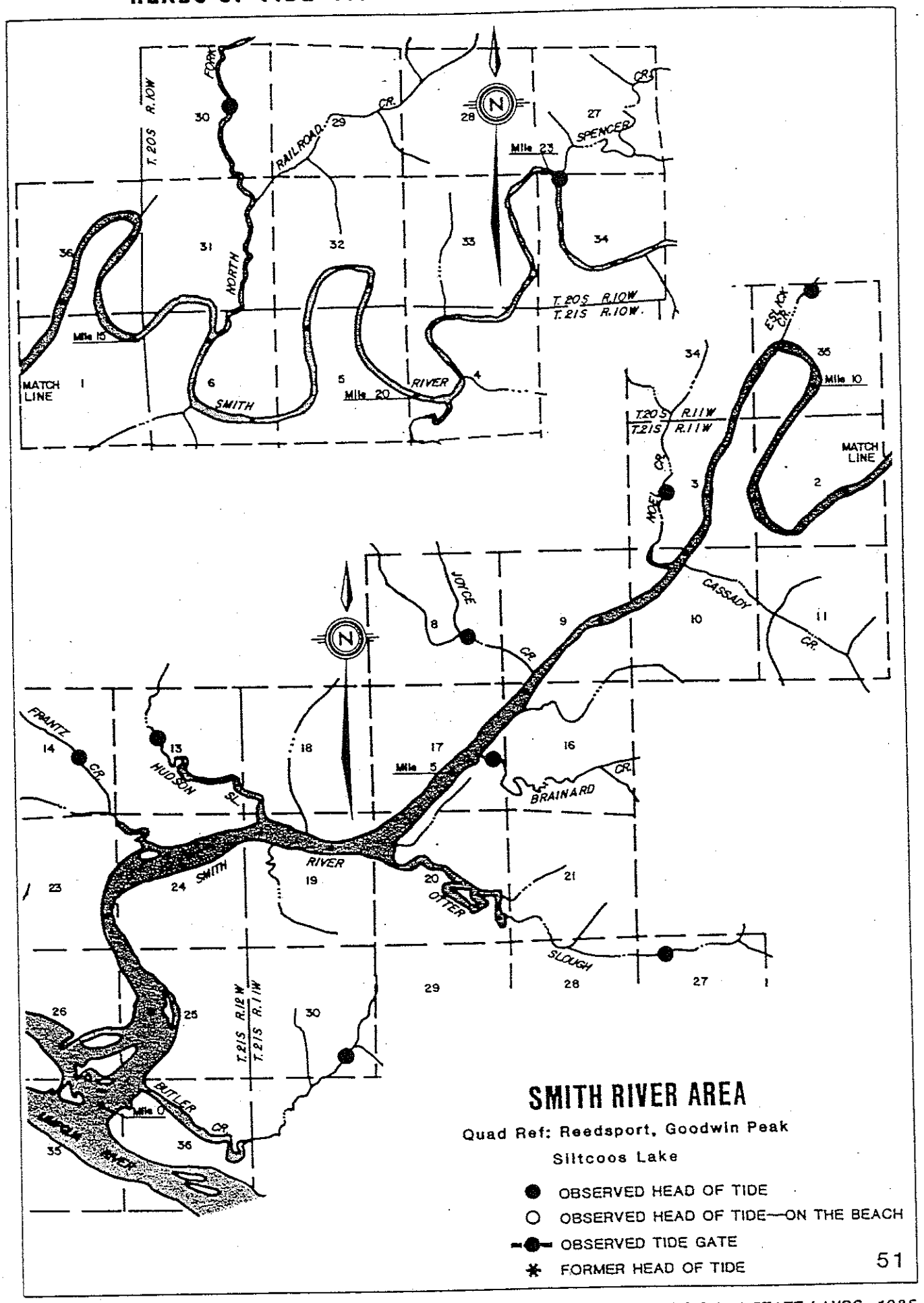
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SMITH RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Brainard Cr.	T21S R11W Sec 17	July 11, 1979
Butler Cr.	T21S R11W Sec 30	June 28, 1979
Eslick Cr.	T20S R11W Sec 35	July 10, 1979
Frantz Cr.	T21S R12W Sec 14	June 28, 1979
Hudson Sl.	T21S R12W Sec 13	June 28, 1979
Joyce Cr.	T21S R11W Sec 8	July 10, 1979
Noel Cr.	T21S R11W Sec 3	April 25, 1983
Otter Sl.	T21S R11W Sec 27	June 28, 1979
N. Fork Smith River	T20S R10W Sec 30	July 10, 1979
Smith River	T20S R10W Sec 34 - RM - 23.1 at Spencer Cr.	July 10, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



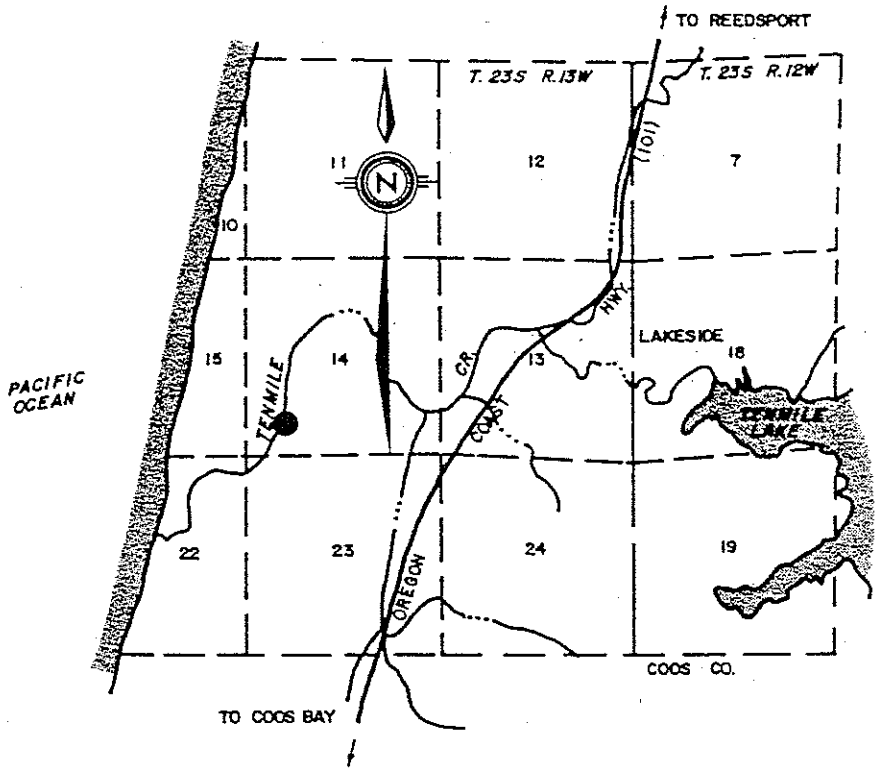
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

TENMILE CREEK

STREAM	LOCATION	DATE OBSERVED
Tenmile Cr.	T23S R13W Sec 14	Feb. 28, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



TENMILE CREEK

Quad Ref: Reedsport

● OBSERVED HEAD OF TIDE

○ OBSERVED HEAD OF TIDE—ON THE BEACH

OBSERVED TIDE GATE

✱ FORMER HEAD OF TIDE

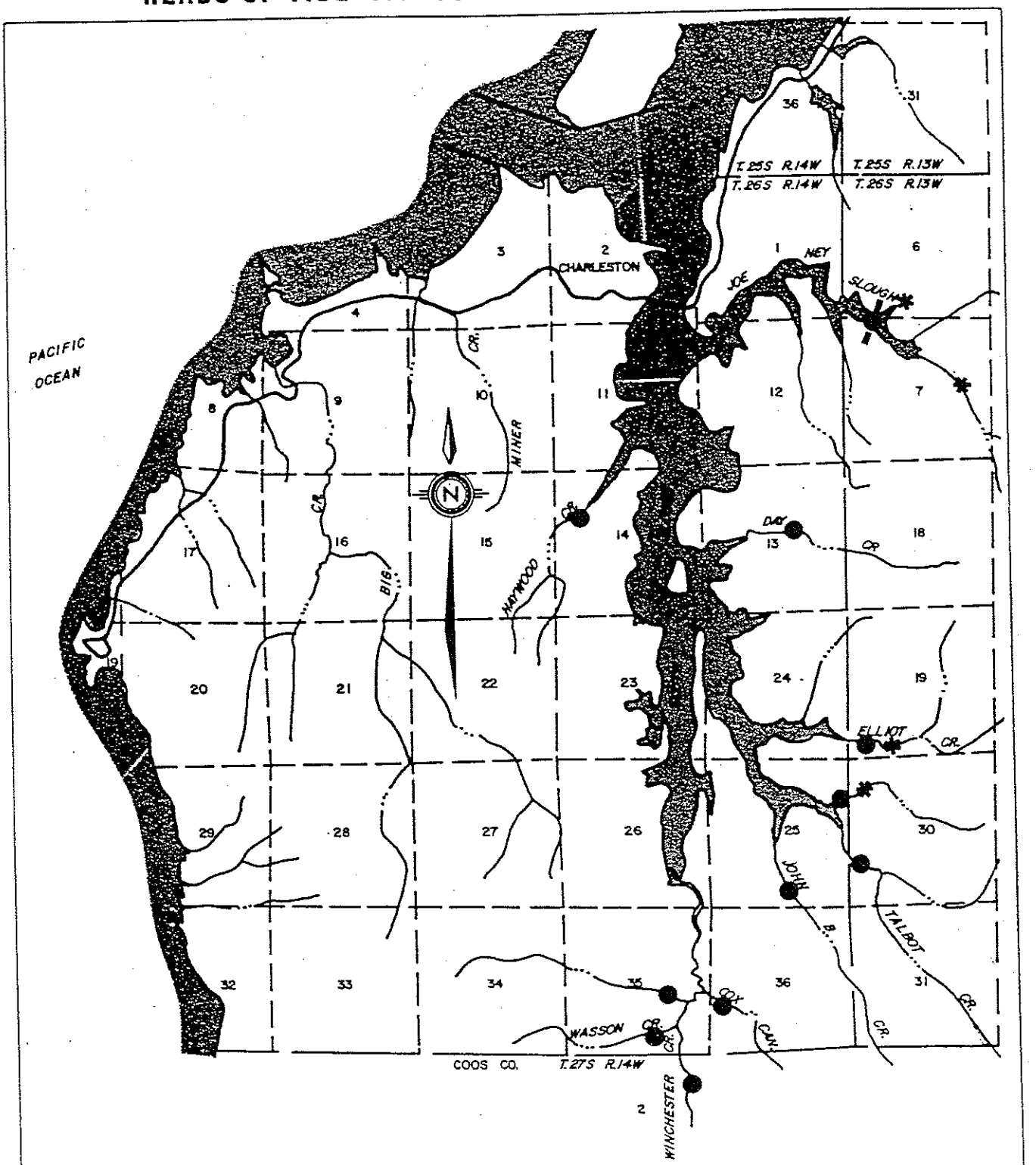
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COOS BAY AREA 1 of 4

STREAM	LOCATION	DATE OBSERVED
Cox Canyon	T26S R14W Sec 36	April 12, 1979
Day Cr.	T26S R14W Sec 13	April 12, 1979
Elliot Cr.	T26S R13W Sec 19	April 12, 1979
Haywood Cr.	T26S R14W Sec 14	April 12, 1979
Joe Ney Slough	T26S R13W Sec 6 & 7 established by DSL Survey	
John B Cr.	T26S R14W Sec 25	April 12, 1979
South Slough	T26S R14W - All	
Talbot Cr.	T26S R13W Sec 30	April 12, 1979
Wasson Cr.	T26S R14W Sec 35	April 12, 1979
Winchester Cr.	T27S R14W Sec 2	April 12, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



COOS BAY AREA 1 of 4

Quad Ref: Empire

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

Map prepared by DIVISION of STATE LANDS 1985

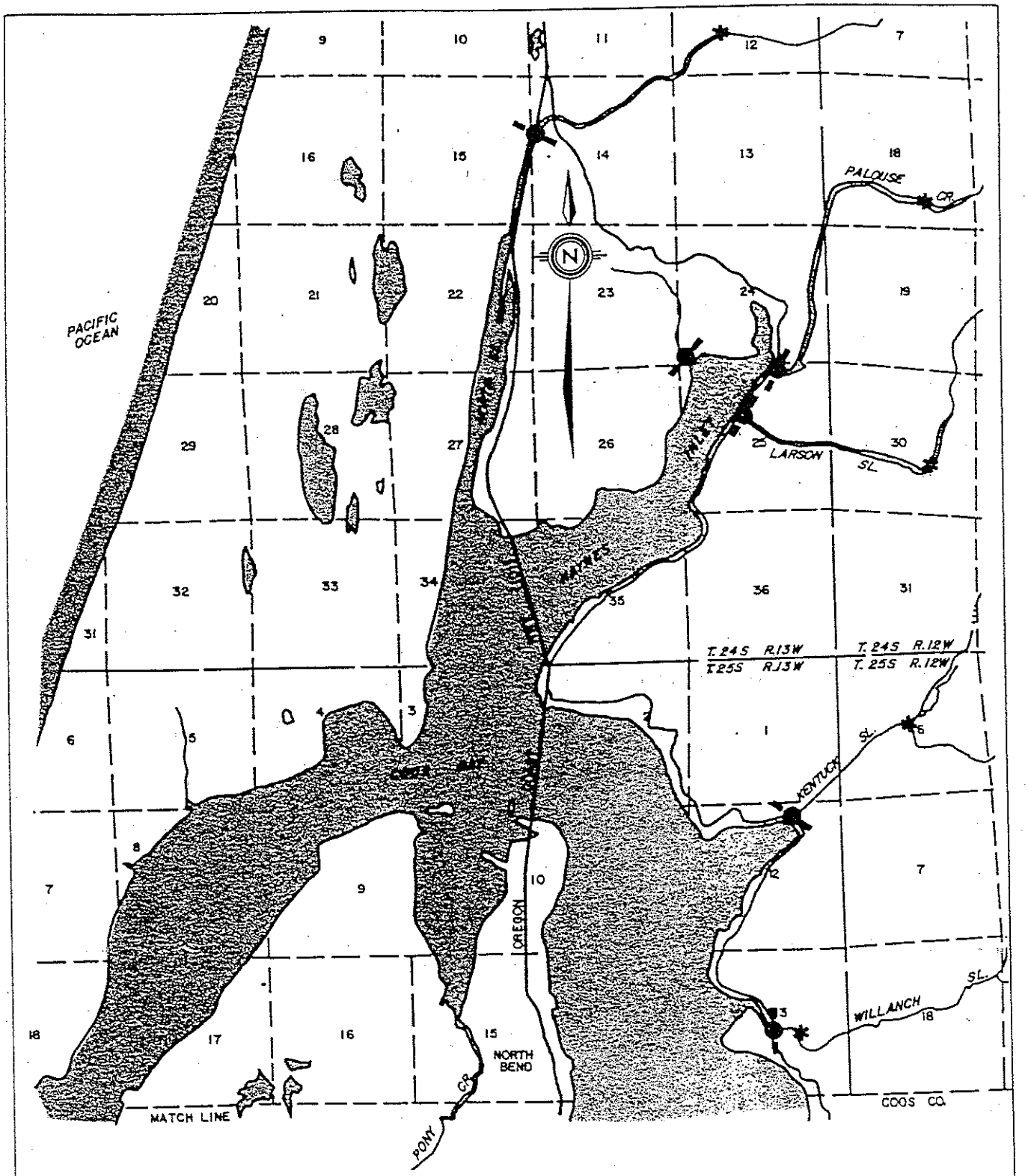
HEADS OF TIDE for COASTAL STREAMS in OREGON

COOS BAY AREA 2 of 4

STREAM	LOCATION	DATE OBSERVED
Kentuck Sl.	T25S R13W - tidegate at Hwy bridge in Sec 12 *Former H of T T25S R12W Sec 6	July 31, 1984
Larson Sl.	T24S R13W - tidegate at Hwy bridge in Sec 25 *Former H of T T24S R12W Sec 30	July 31, 1984
North Slough	T24S R13W - tidegate at Hwy 101 bridge in Sec 14 *Former H of T Sec 12	July 31, 1984
Palouse Cr.	T24S R13W - tidegate at Hwy bridge in Sec 25 *Former H of T T24S R12W Sec 18	July 31, 1984
Pony Slough	No State Ownership	
Willanch S.	T25S R13W - tidegate at Hwy bridge, Sec 13	July 31, 1984

*Former H of T on above established by consulting local resident Willis Peterson and on-site observation.

HEADS OF TIDE for COASTAL STREAMS in OREGON



COOS BAY AREA 2 of 4

Quad Ref: Empire, Coos Bay

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

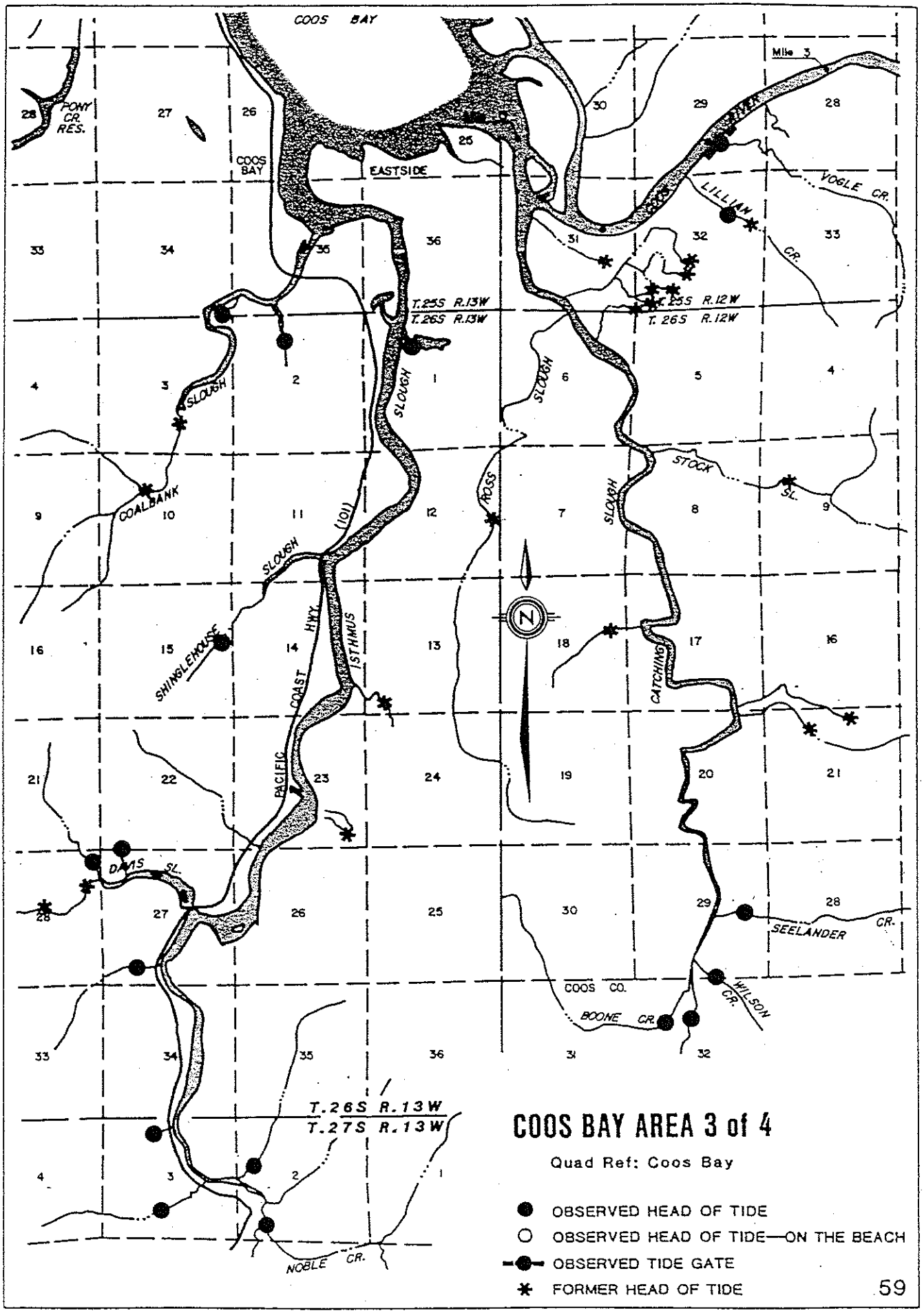
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COOS BAY AREA 3 of 4

STREAM	LOCATION	DATE OBSERVED
Boone Cr.	T26S R12W Sec 32	Mar. 8, 1979
Catching Slough	T26S R12W Sec 32	Mar. 8, 1979
Coalbank Slough	T26S R13W Sec 3 & 10	Mar. 9, 1979
Davis Sl.	T26S R13W Sec 27 & 28	Mar. 9, 1979
Isthmus Sl.	T27S R13W Sec 2 & 3	Mar. 9, 1979
Lillian Cr.	T25S R12W Sec 32	Mar. 8, 1979
Noble Cr.	T27S R13W Sec 2	Mar. 9, 1979
Ross Sl.	Former H of T T26S R13W Sec 12	Mar. 8, 1979
Seelander Cr.	T26S R12W Sec 29	Mar. 8, 1979
Shinglehouse Sl.	T26S R13W Sec 15	Mar. 9, 1979
Stock Sl.	Former H of T T26S R12W Sec 9	Mar. 8, 1979
Vogle Cr.	T25S R12W Sec 29 - Tidegate	July 31, 1984
Wilson Cr.	T26S R12W Sec 29	Mar. 8, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



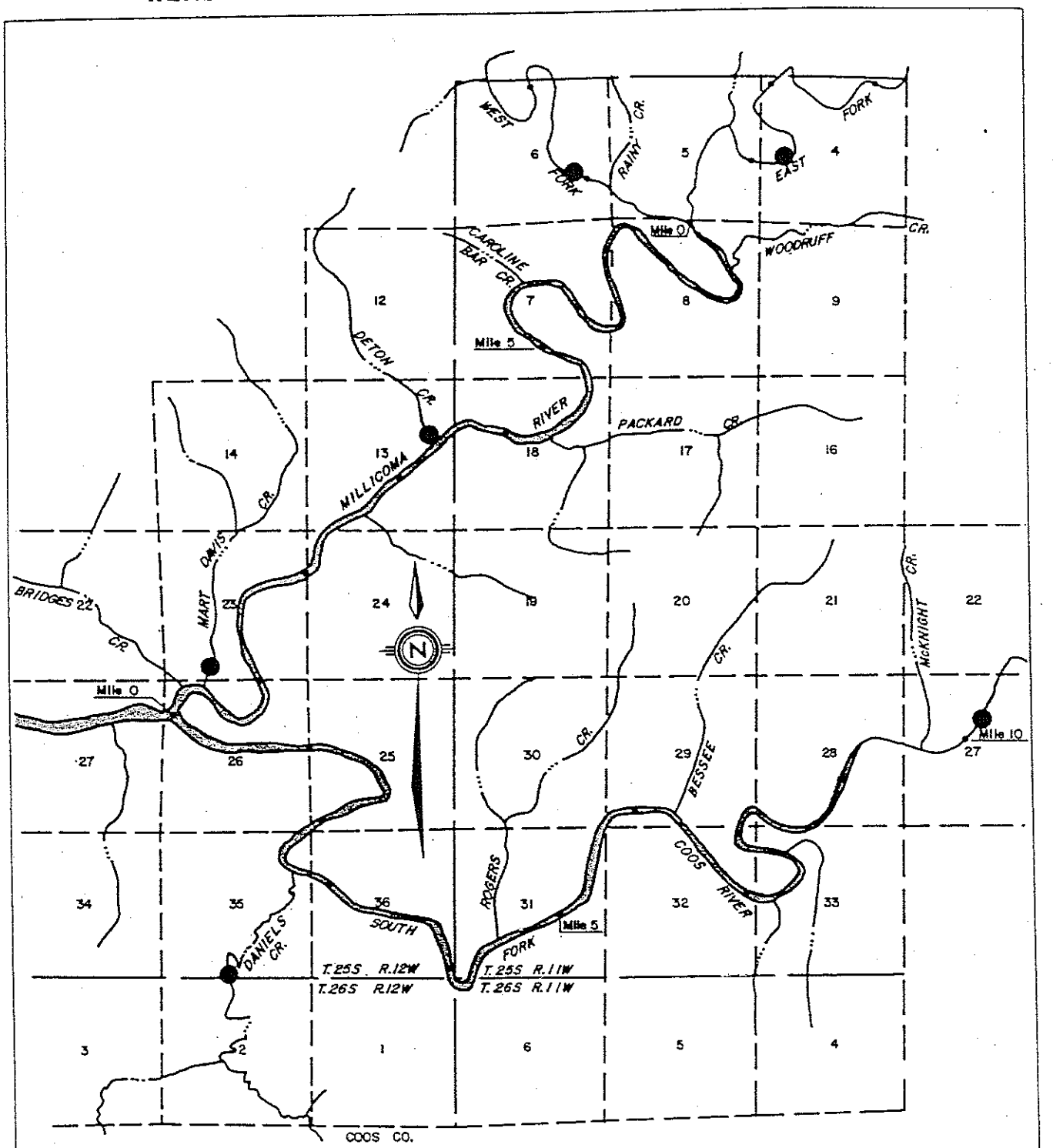
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COOS BAY AREA 4 of 4

STREAM	LOCATION	DATE OBSERVED
Coos River	All	
Coos River South Fork	T25S R11W Sec 27 RM 10.2	Mar. 7, 1979
Daniels Cr.	T25S R12W, S line of Sec 35	Mar. 7, 1979
Deaton Cr.	T25S R12W Sec 13 at hwy culvert	July 31, 1984
Mart Davis Cr.	T25S R12W Sec 23 (tidestaff at landing south of Hwy)	Aug. 1, 1984
Millicoma River	All	
Millicoma River West Fork	T25S R11W Sec 6 RM 1.1	Mar. 7, 1979
Millicoma River East Fork	T25S R11W Sec 4 RM 1.3	Mar. 7, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



COOS BAY AREA 4 of 4

Quad Ref: Coos Bay, Ivers Peak

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

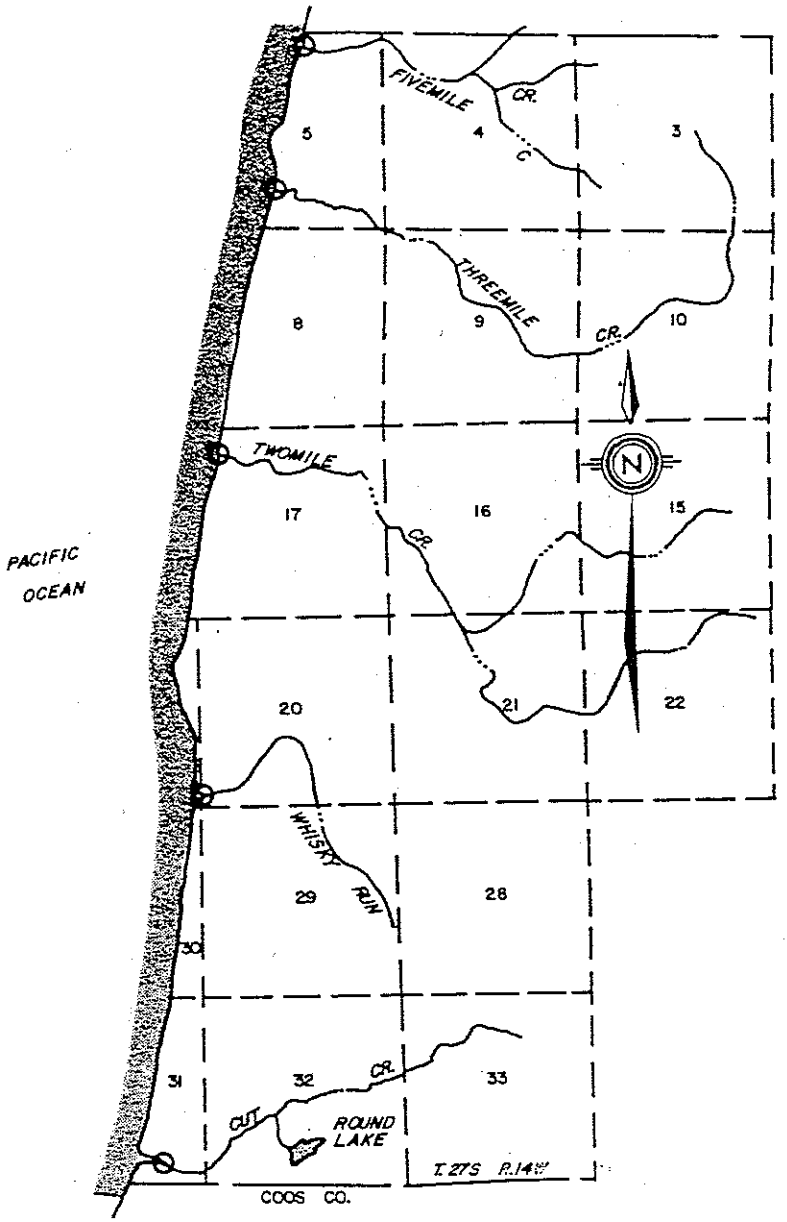
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

WHISKY RUN AREA

STREAM	LOCATION	DATE OBSERVED
Cut Cr.	T27S R14W Sec 31 - ON THE BEACH	
Fivemile Cr.	T27S R14W Sec 5 - ON THE BEACH	
Threemile Cr.	T27S R14W Sec 5 - ON THE BEACH	
Twomile Cr.	T27S R14W Sec 17 - ON THE BEACH	
Whiskey Run	T27S R14W Sec 20 - ON THE BEACH	

HEADS OF TIDE for COASTAL STREAMS in OREGON



WHISKY RUN AREA

Quad Ref: Bandon, Empire

● OBSERVED HEAD OF TIDE

○ OBSERVED HEAD OF TIDE—ON THE BEACH

—●— OBSERVED TIDE GATE

✱ FORMER HEAD OF TIDE

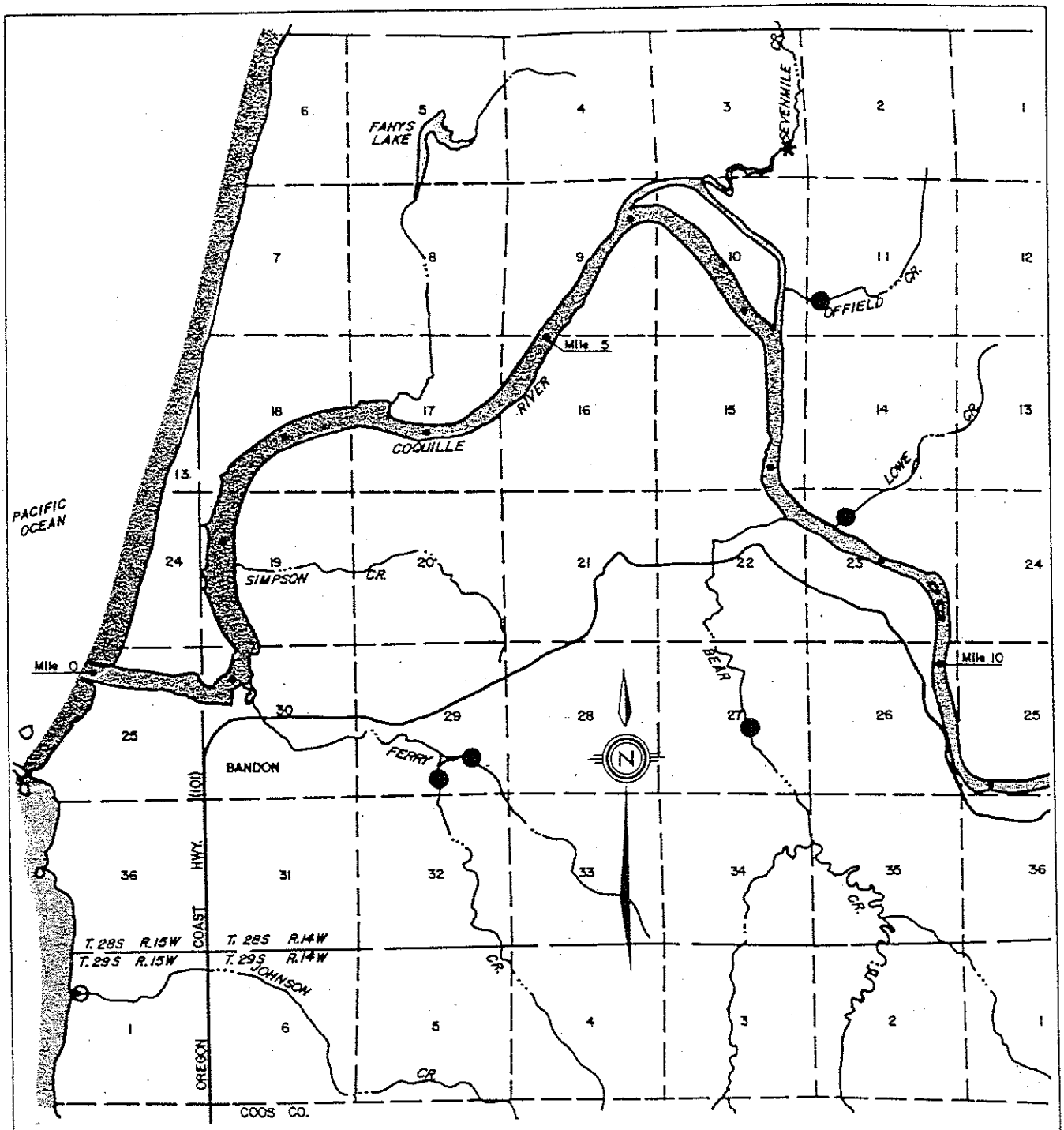
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COQUILLE RIVER AREA 1 of 3

STREAM	LOCATION	DATE OBSERVED
Bear Cr.	T28S R14W Sec 27	June 13, 1979
Ferry Cr.	T28S R14W Sec 29	June 13, 1979
Johnson Cr.	T29S R15W Sec 1 - ON THE BEACH	July 31, 1984
Lowe Cr.	T28S R14W Sec 23	July 31, 1984
Offield Cr.	T28S R14W Sec 11	June 13, 1979
Simpson Cr.	T28S R14W Sec 19 - NO TIDE EFFECT	
Sevenmile Cr.	T28S R14W Sec 3 - Former H of T established through local sources	

HEADS OF TIDE for COASTAL STREAMS in OREGON



COQUILLE RIVER AREA 1 of 3

Quad Ref: Bandon

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- ●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

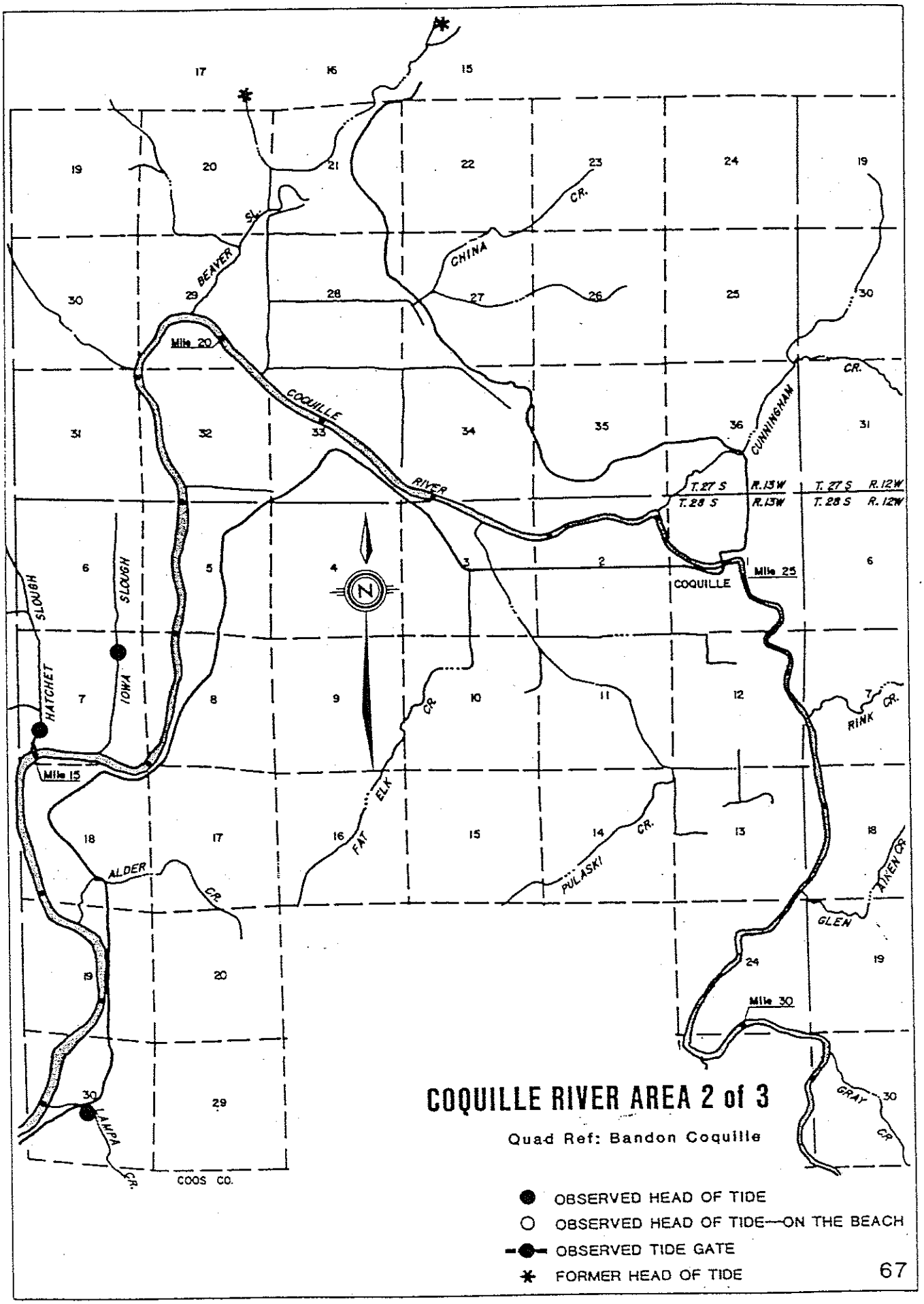
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COQUILLE RIVER AREA 2 of 3

STREAM	LOCATION	DATE OBSERVED
Alder Cr.	T28S R13W Sec 19 - NO TIDE EFFECT	
Beaver Sl.	T27S R13W Sec 15 & 17 Former H of T established through local sources	
Hatchet Sl.	T28S R13W Sec 7	July 31, 1984
Iowa Sl.	T28S R13W Sec 7	July 31, 1984
Lampa Cr.	T28S R13W Sec 30	June 13, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



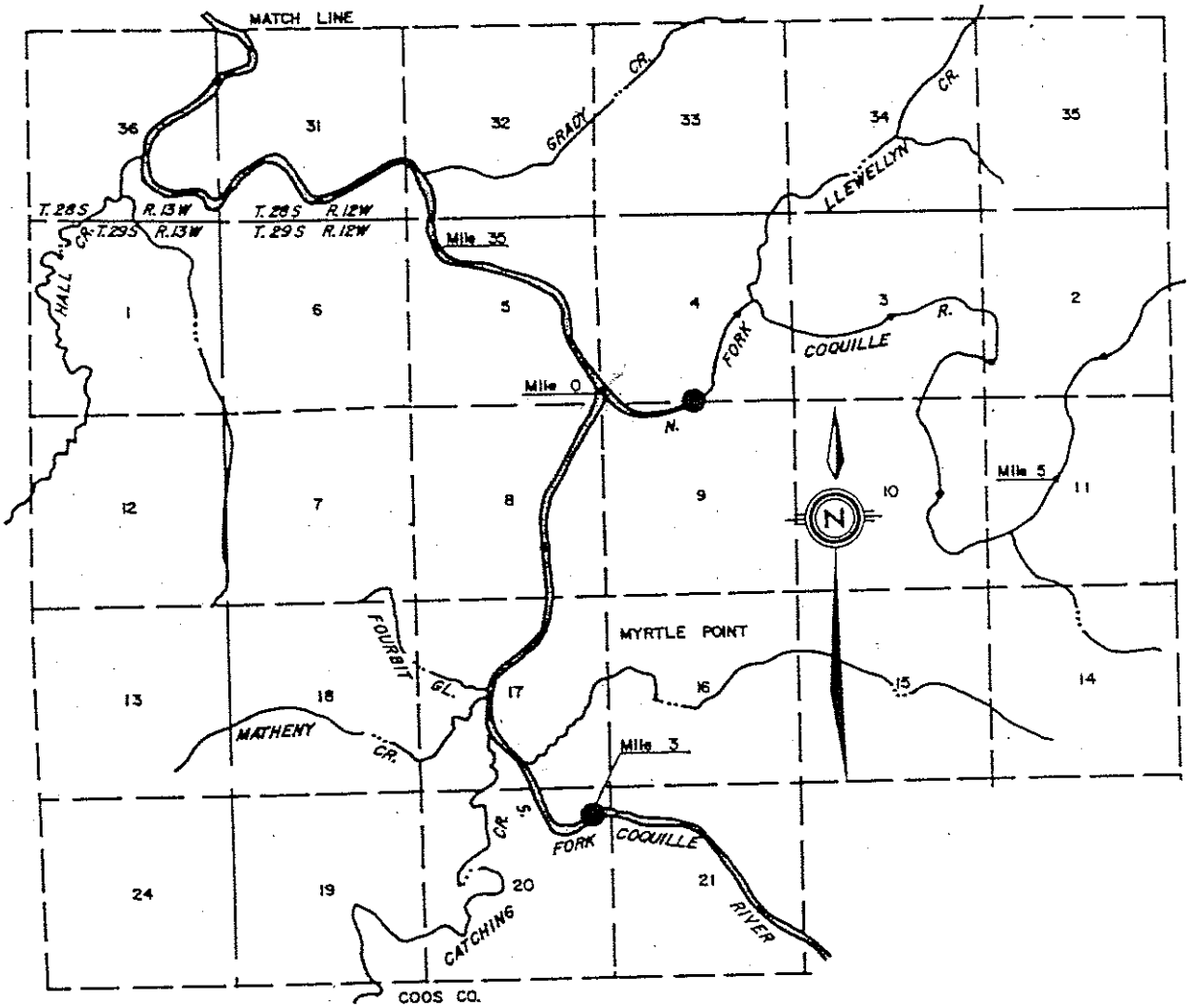
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

COQUILLE RIVER AREA 3 of 3

STREAM	LOCATION	DATE OBSERVED
Coquille River	All	May 16, 1979
N. Fork Coquille R.	T29S R12W South line of Sec 4 RM 0.5	May 16, 1979
S. Fork Coquille R.	T29S R12W Sec 20 RM 3	May 16, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



COQUILLE RIVER AREA 3 of 3

Quad Ref: Coquille

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

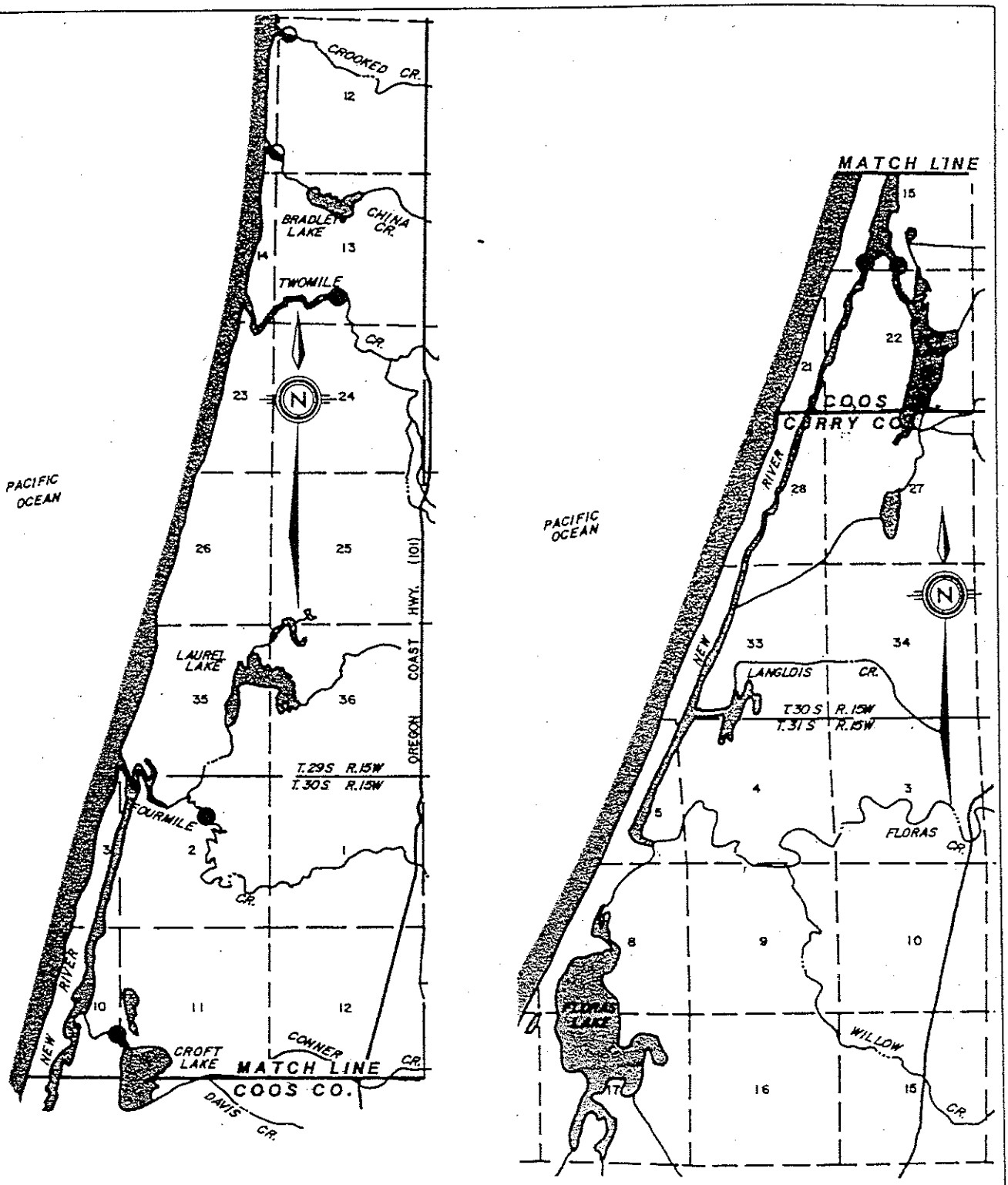
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

NEW RIVER AREA

STREAM	LOCATION	DATE OBSERVED
China Cr.	T29S R15W Sec 11 - ON THE BEACH	
Croft Lake	T30S R15W E line of Sec 10	Mar. 7, 1979
Crooked Cr.	T29S R15W Sec 12 - ON THE BEACH	
Floras Cr.	T31S R15W - ON THE BEACH	
Fourmile Cr.	T30S R15W Sec 2	Mar. 7, 1979
New Lake	T30S R15W S line of Sec 15	Mar. 7, 1979
New River	T30S R15W S line of Sec 15	Mar. 7, 1979
Twomile Cr.	T29S R15W Sec 13 RM-0.6	April 25, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



NEW RIVER AREA

Quad Ref: Bandon, Langlois

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

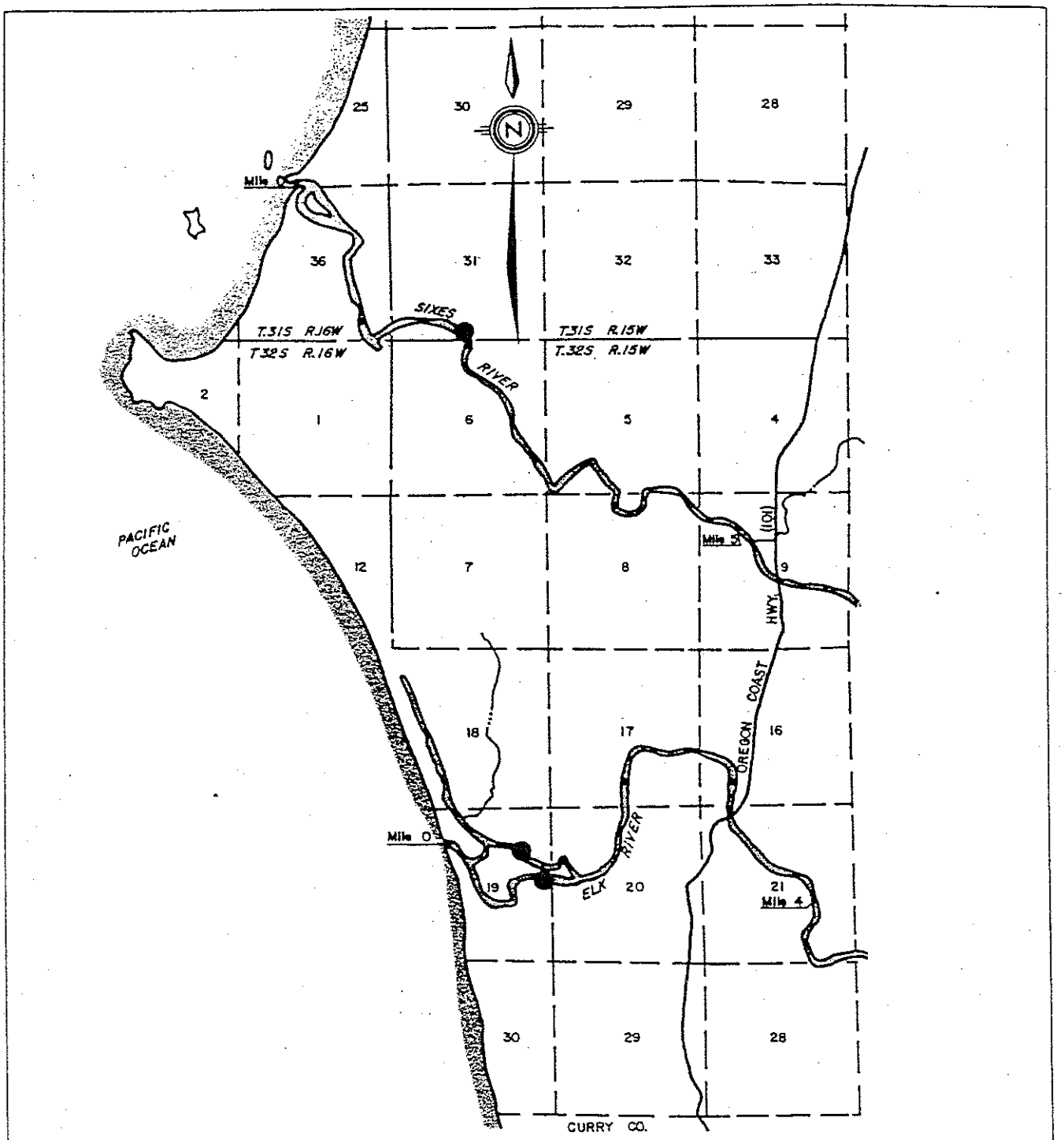
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

SIXES - ELK RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Elk River	T32S R15W Sec 19	Feb. 27, 1979
Sixes River	T31S R15W Sec 31 RM 2	Feb. 27, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



SIXES - ELK RIVER AREA

Quad Ref: Cape Blanco

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

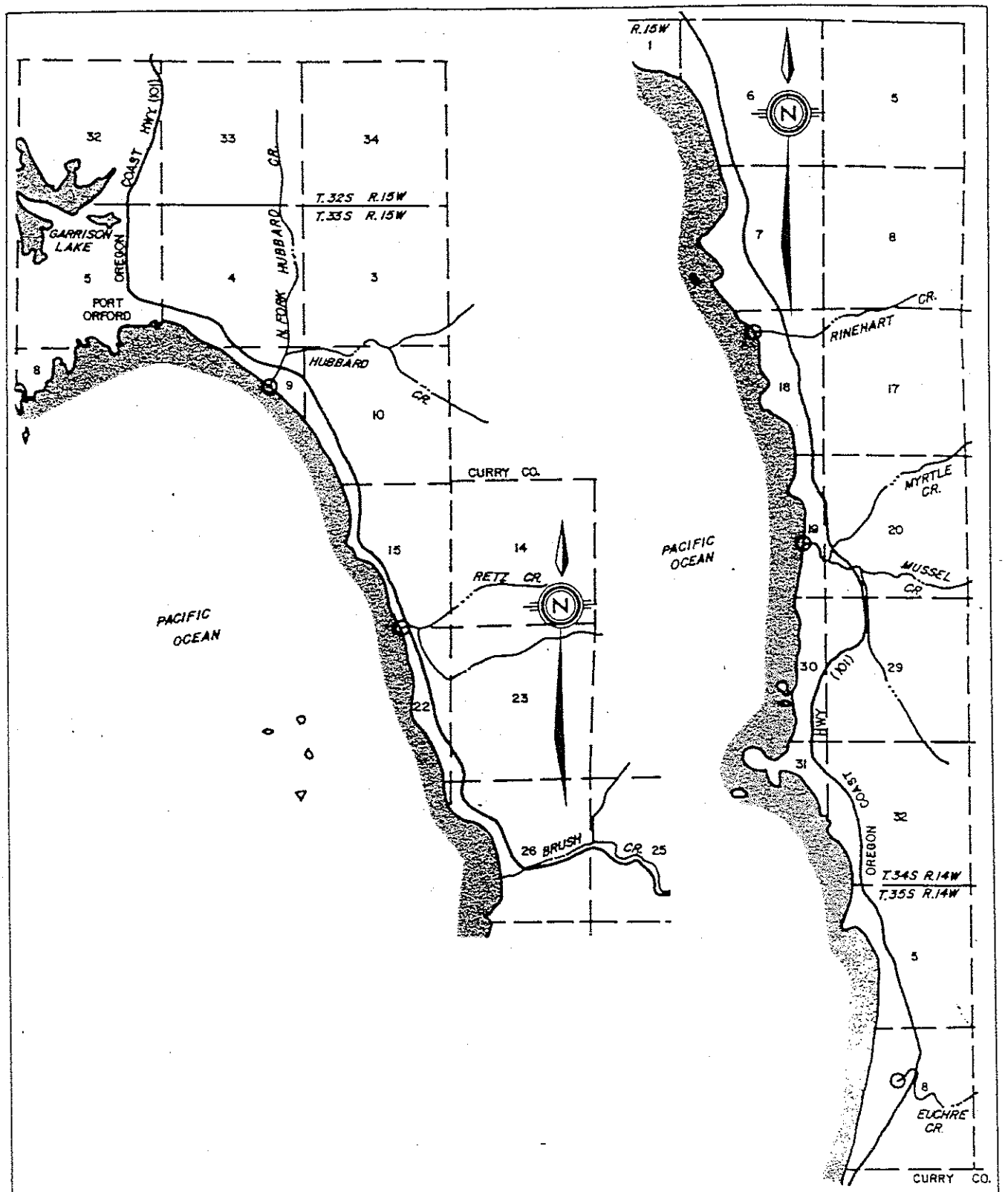
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

PORT ORFORD AREA

STREAM	LOCATION	DATE OBSERVED
Euchre Cr.	T35S R14W Sec 8 - ON THE BEACH	
Garrison Cr.	T33S R15W - ON THE BEACH	
Hubbard Cr.	T33S R15W Sec 9 - ON THE BEACH	
Mussel Cr.	T34S R14W Sec 19 - ON THE BEACH	
Retz Cr.	T33S R15W Sec 15 - ON THE BEACH	
Rinehart Cr.	T34S R14W Sec 18 - ON THE BEACH	

HEADS OF TIDE for COASTAL STREAMS in OREGON



PORT ORFORD AREA

Quad Ref: Port Orford

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

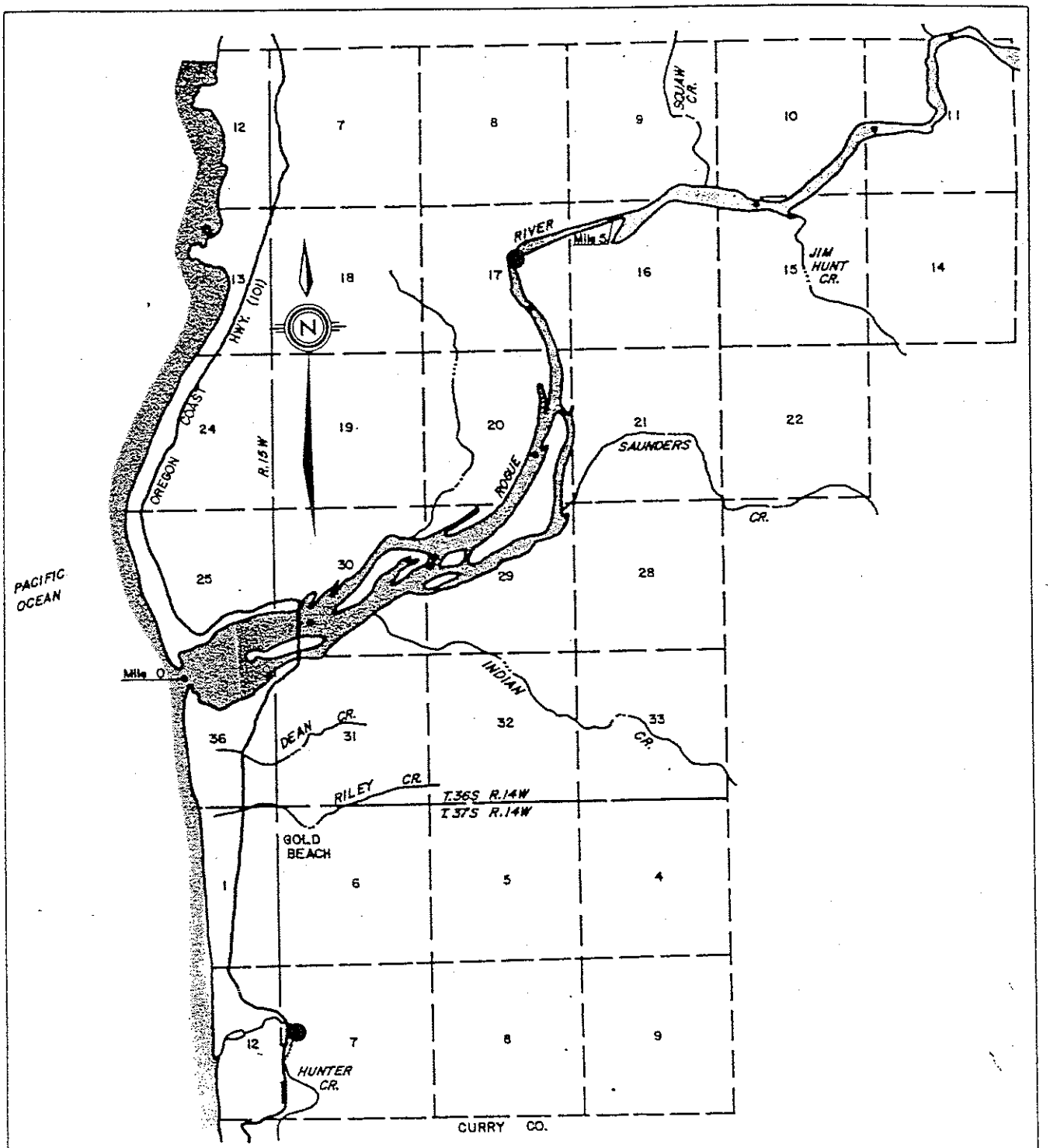
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

ROGUE RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Hunter Cr.	T37S R14W Sec 7	May 16, 1979
Rogue River	T36S R14W Sec 17	

HEADS OF TIDE for COASTAL STREAMS in OREGON



ROGUE RIVER AREA

Quad Ref: Gold Beach

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

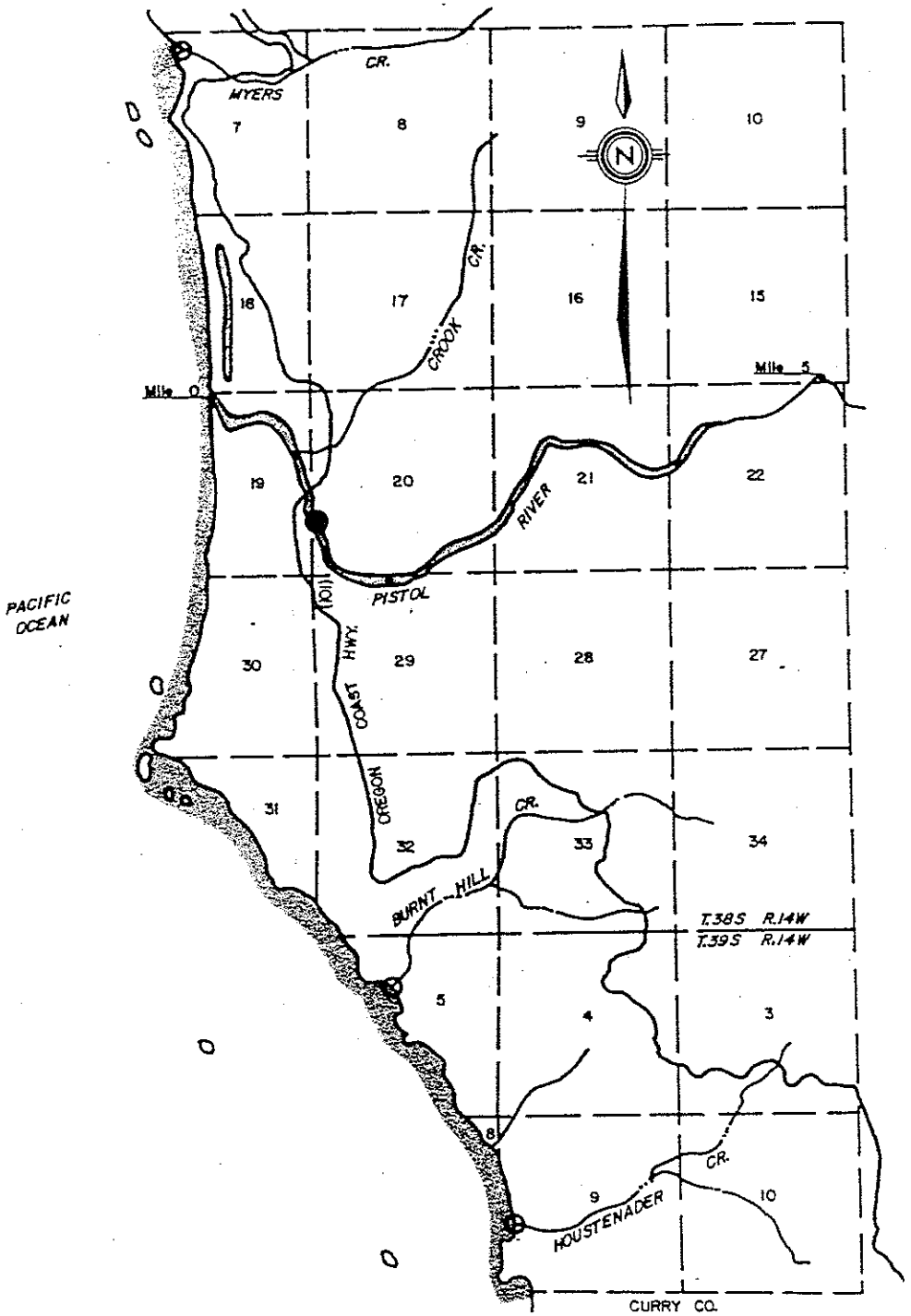
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

PISTOL RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Burnt Hill Cr.	T39S R14W Sec 5 - ON THE BEACH	
Crook Cr.	T38S R14W Sec 19 -NO TIDE EFFECT	
Houstenader Cr.	T39S R14W Sec 9 - ON THE BEACH	
Myers Cr.	T38S R14W Sec 7 - ON THE BEACH	
Pistol River	T38S R14W W line of Sec 20 RM 1.4	May 15, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



PISTOL RIVER AREA

Quad Ref: Gold Beach

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

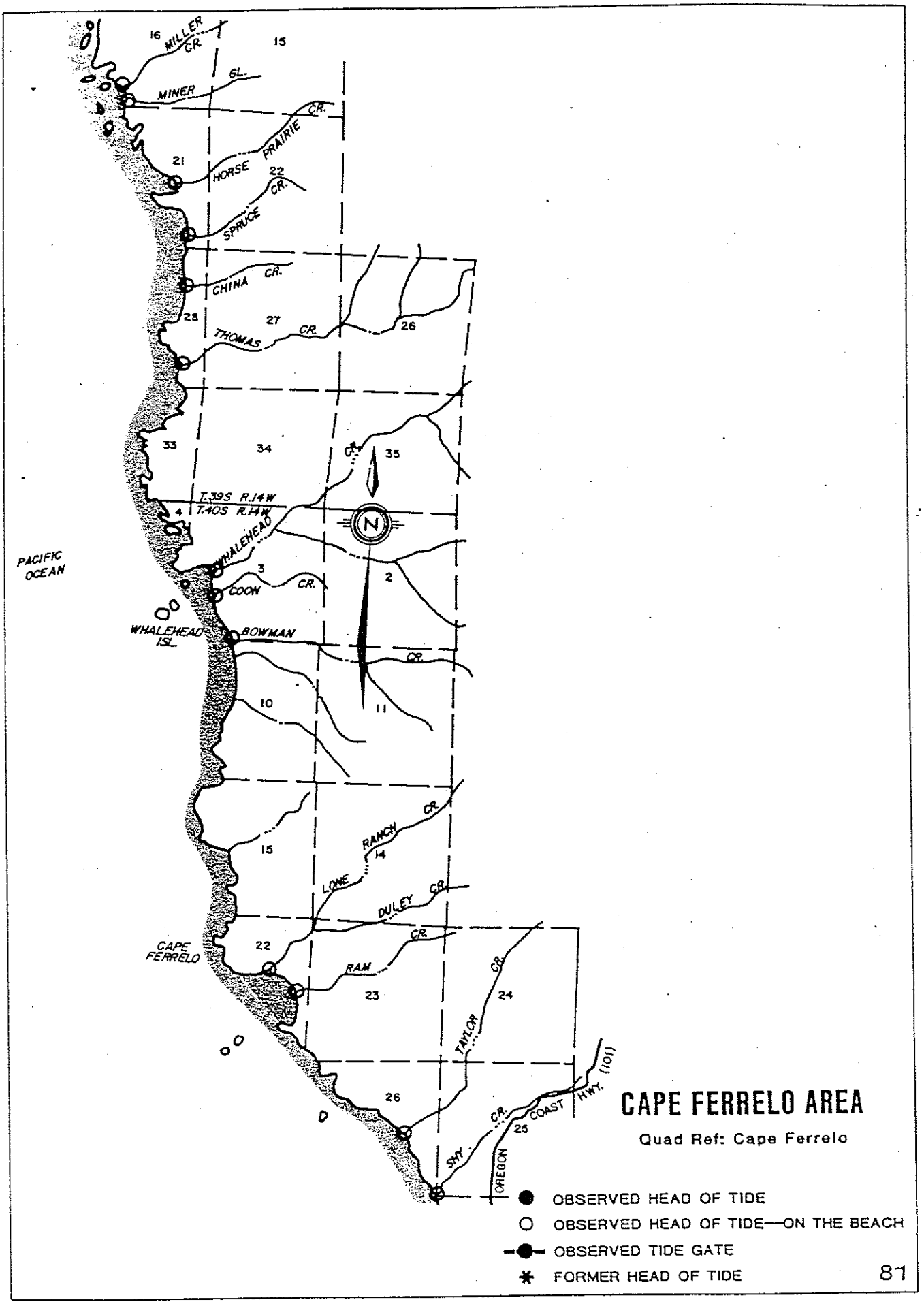
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

CAPE FERRELO AREA

STREAM	LOCATION	DATE OBSERVED
Bowman Cr.	T40S R14W Sec 3 - ON THE BEACH	
China Cr.	T39S R14W Sec 28 - ON THE BEACH	
Coon Cr.	T40S R14W Sec 3 - ON THE BEACH	
Horse Prairie	T39S R14W Sec 21 - ON THE BEACH	
Lone Ranch Cr.	T40S R14W Sec 22 - ON THE BEACH	
Miller Cr.	T39S R14W Sec 16 - ON THE BEACH	
Miner Cr.	T39S R14W Sec 16 - ON THE BEACH	
Ram Cr.	T40S R14W Sec 22 - ON THE BEACH	
Shy Cr.	T40S R14W Sec 26 - ON THE BEACH	
Spruce Cr.	T39S R14W Sec 21 - ON THE BEACH	
Taylor Cr.	T40S R14W Sec 26 - ON THE BEACH	
Thomas Cr.	T39S R14W Sec 28 - ON THE BEACH	
Whalehead Cr.	T40S R14W Sec 3 - ON THE BEACH	

HEADS OF TIDE for COASTAL STREAMS in OREGON



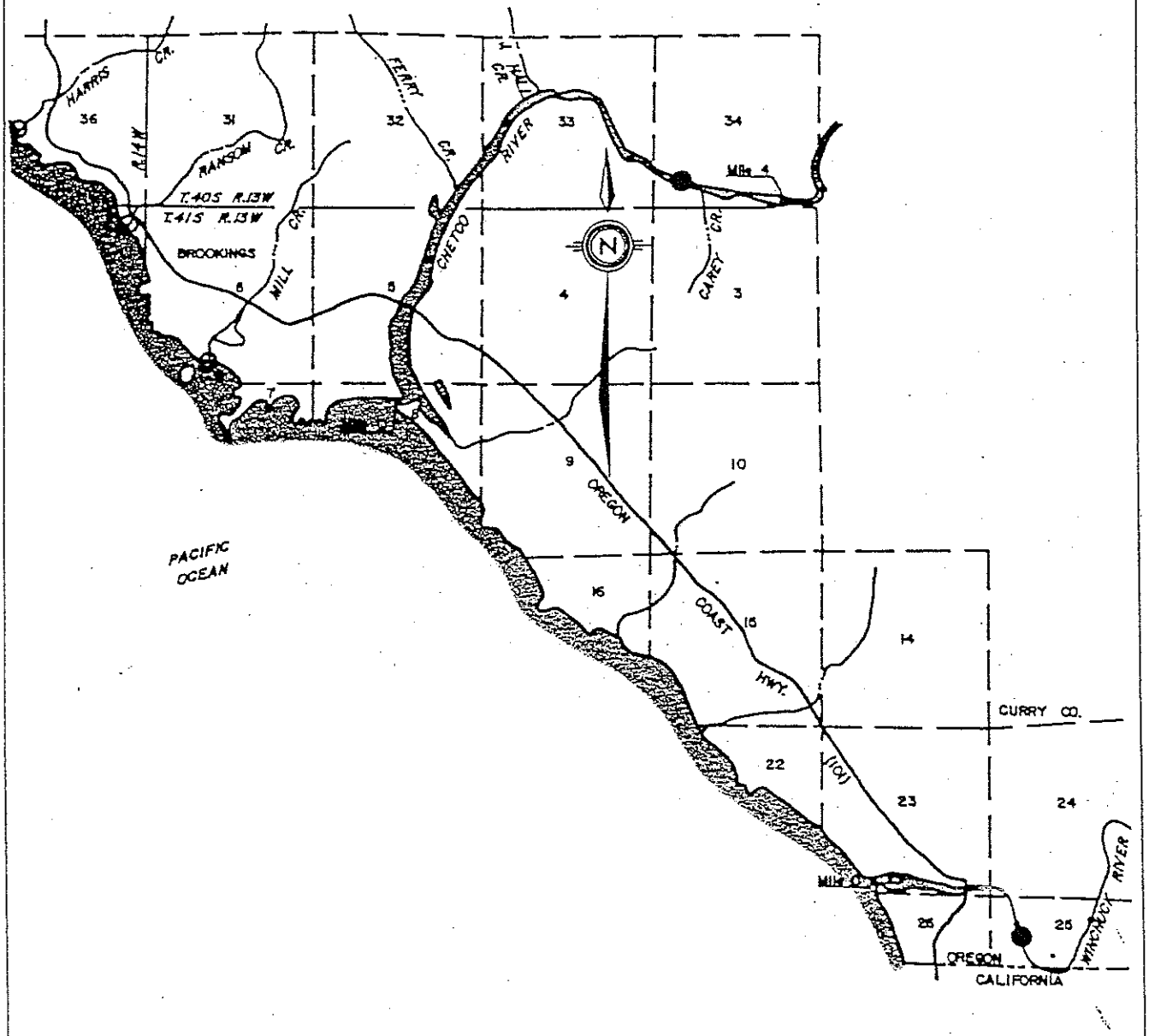
Map prepared by DIVISION of STATE LANDS 1985

HEADS OF TIDE for COASTAL STREAMS in OREGON

CHETCO - WINCHUCK RIVER AREA

STREAM	LOCATION	DATE OBSERVED
Chetco River	T40S R13W Sec 34 RM 3.3	Oct. 18, 1974
Harris Cr.	T40S R14W Sec 36 - ON THE BEACH	
Mill Cr.	T41S R13W Sec 6 - ON THE BEACH	
Ransom Cr.	T41S R14W Sec 1 - ON THE BEACH	
Winchuck River	T41S R13W Sec 25 RM 1.1	May 15, 1979

HEADS OF TIDE for COASTAL STREAMS in OREGON



CHETCO - WINCHUCK RIVER AREAS

Quad Ref: Cape Ferrelo, Mt. Emily

- ● OBSERVED HEAD OF TIDE
- ○ OBSERVED HEAD OF TIDE—ON THE BEACH
- —●— OBSERVED TIDE GATE
- ✱ FORMER HEAD OF TIDE

TIDAL ELEVATIONS

IN

OREGON ESTUARIES

TIDAL ELEVATIONS IN OREGON ESTUARIES

STATION	Elevation of MLLW on NGVD Datum 2/	ELEVATIONS 1/						
		Extreme Low Tide	MLLW 3/	MLW	MHW	MHHW	Highest Water 4/	Non-Aquatic Veg. 5/
TAFT - Siletz Bay	-2.42	-3	0.00	0.90	5.90	6.60	10.5	N/E
KERNVILLE - Siletz Bay		-3	0.00	0.80	5.40	6.10	10	N/E
BARVIEW - Tillamook Bay	-3.34	-3	0.00	1.30	7.50	8.20	12	N/E
GARIBALDI - Tillamook Bay	-3.35	-3	0.00	1.20	7.10	7.80	11.5	N/E
BAY CITY - Tillamook Bay	-2.92	-3	0.00	1.00	6.40	7.10	11	N/E
TILLAMOOK - Tillamook Bay (Hoquarten Slough)	-1.97	-3	0.00	0.70	5.90	6.60	10.5	N/E
BRIGHTON - Nehalem River	-3.49	-3	0.00	1.20	7.10	7.80	12.5	N/E
WHEELER - Nehalem River	-3.46	-3	0.00	1.00	6.90	7.60	11.5	N/E
NEHALEM - Nehalem River	-2.52	-3	0.00	0.90	6.50	7.20	11	N/E
SEASIDE - Necanicum River	-0.79	-3	0.00	0.40	5.10	5.80	10	N/E
FORT STEVENS - Columbia River	-3.51	-3	0.00	1.20	7.60	8.30	12	N/E
ASTORIA - Columbia River (Youngs Bay)	-3.60	-2.8	0.00	1.20	7.90	8.60	12	N/E
ASTORIA - Columbia River (Port Docks)	-3.02	-3	0.00	1.10	7.30	8.00	12	N/E
ASTORIA - Columbia River (Tongue Point)	-3.05	-2.8	0.00	1.10	7.60	8.30	12.1	N/E
SETTLER POINT - Columbia River	-2.69	-3	0.00	1.00	7.30	8.00	12	N/E
KNAPPA - Columbia River	-2.58*		0.00					
ALDRICH POINT - Columbia River	-2.33*		0.00					
CLIFTSON - Columbia River	-2.10*		0.00					
WAUNA - Columbia River	-1.76*		0.00					
WESTPORT - Columbia River	-1.65*		0.00					

1/ National Ocean Administration Data (NOA) MLLW Datum

2/ NOA Data - 1976 - NGVD Datum (1947) *NGVD Datum (1929)

3/ 0.00 by definition

4/ Estimated - Does not include effects of storm surge. May be used to estimate location of Highest Measured Tide.

5/ Varies by location - not established

TIDAL ELEVATIONS IN OREGON ESTUARIES

STATION	Elevation of MLLW on NGVD Datum 2/	ELEVATIONS 1/						
		Extreme Low Tide	MLLW 3/	MLW	MHW	MHHW	Highest Water 4/	Non-Aquatic Veg. 5/
BROOKINGS - Chetco River	-3.48	-3	0.00	1.20	6.30	7.00	10	N/E
WEDDERBURN - Rogue River	-3.34	-3	0.00	1.10	6.00	6.70	10	N/E
PORT ORFORD	-3.92	-3	0.00	1.30	6.60	7.30	11	N/E
BANDON - Coquille River	-3.57	-3	0.00	1.10	6.30	7.00	10.5	N/E
COOS BAY - Entrance	-3.78	-3	0.00	1.20	6.40	7.00	10.5	N/E
CHARLESTON - Coos Bay Entrance	-4.18	-3.2	0.00	1.20	6.90	7.50	10.9	N/E
EMPIRE - Coos Bay	-3.38	-3	0.00	1.10	6.00	6.70	10	N/E
COOS BAY - Coos Bay	N/E	-3	0.00	1.10	6.70	7.30	10.5	N/E
WINCHESTER BAY - Umpqua River	-3.40	-3	0.00	1.20	6.30	6.90	10	N/E
REEDSPORT - Umpqua River	-3.05	-3	0.00	1.00	6.10	6.70	10.5	N/E
SIUSLAW RIVER - Entrance	N/E	-3	0.00	1.20	6.70	7.30	10.5	N/E
FLORENCE - Siuslaw River	-3.56	-3	0.00	1.10	6.50	7.20	10.5	N/E
CUSHMAN - Siuslaw River	-3.52	-3	0.00	1.10	6.60	7.30	10.5	N/E
TIERNAN - Siuslaw River	-3.70	-3	0.00	1.10	7.00	7.70	10.5	N/E
MAPLETON - Siuslaw River	N/E	-3	0.00	1.10	7.30	8.00	11	N/E
WALDPORT - Alsea Bay	-3.39	-3	0.00	1.20	7.00	7.70	12	N/E
DRIFT CREEK - Alsea Bay	N/E	-3	0.00	0.62	5.59	6.26	10.5	N/E
SOUTH BEACH - Yaquina Bay	-3.90	-3	0.00	1.30	7.60	8.30	12.3	N/E
YAQUINA - Yaquina Bay		-3	0.00	1.30	7.50	8.20	11.5	N/E

1/ *National Ocean Administration Data (NOA) MLLW Datum*

2/ *NOA Data - 1976 - NGVD Datum (1947) *NGVD Datum (1929)*

3/ *0.00 by definition*

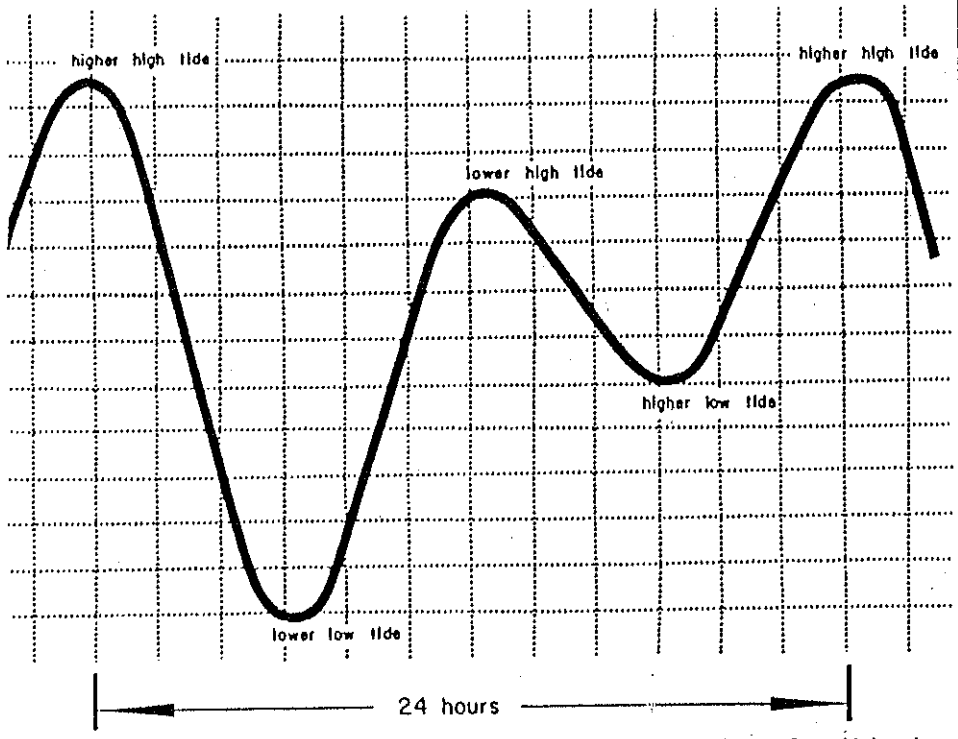
4/ *Estimated - Does not include effects of storm surge. May be used to estimate location of Highest Measured Tide.*

5/ *Varies by location - not established*

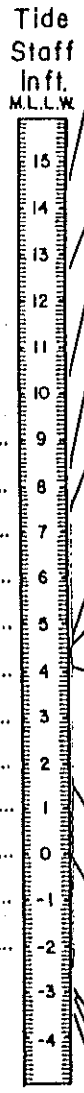
TIDAL ELEVATIONS ON THE OREGON COAST

STATE OF OREGON
DIVISION OF STATE LANDS

Typical Days Tide



Note: Specific elevations are based on six years of tide observations at the Oregon State University Marine Science Center Dock on Yaquina Bay. Values have been reduced by the National Ocean Survey (formerly the Coast and Geodetic Survey). The elevations differ from estuary to estuary and from different points within an estuary. The exception is MLLW which is zero by definition.



14.5 Extreme High Tide – The highest projected tide that can occur. It is the sum of the highest predicted tide and the highest recorded storm surge. Such an event would be expected to have a very long recurrence interval. In some locations, the effect of a rain induced freshet must also be taken under consideration. The extreme high tide level is used by engineers for the design of harbor structures.

12.63 Highest Measured Tide – The higest tide actually observed on the tide staff.

10.3 Highest Predicted Tide – Highest tide predicted by the Tide Tables.

8.38 Mean Higher High Water – The average height of the higher high tides observed over a specific time interval. The intervals are related to the moon's many cycles which range from 28 days to 18.6 years. The time length chosen depends upon the refinement required. The datum plane of MHHW is used on National Ocean Survey charts to reference rocks awash and navigational clearances.

7.62 Mean High Water – The average of all observed high tides. The average is of both the higher high and of the lower high tide recorded each day over a specific time period. The datum of MHW is the boundary between upland and tideland. It is used on navigational charts to reference topographical features.

4.58 Mean Tide Level – Also called half-tide level. A level midway between mean high water and mean low water. The difference between mean tide level and local mean sea level reflects the asymmetry between local high and low tides.

4.51 Local Mean Sea Level – The average height of the water surface for all stages of the tide at a particular observation point. The level is usually determined from hourly height readings.

4.11 Mean Sea Level – A datum based upon observations taken over a number of years at various tide stations along the west coast of the United States and Canada. It is officially known as the Sea Level Datum of 1929, 1947 adj. and is the most common datum used by engineers. MSL is the reference for elevations on U.S. Geological Survey Quandrangles. The difference between MSL and Local MSL reflects numerous factors ranging from the location of the tide staff within an estuary to global weather patterns.

1.54 Mean Low Water – The average of all observed low tides. The average is of both the lower low and of the higher low tides recorded each day over a specific time period. The datum of MLW is the boundary between tideland and submerged land.

0.00 Mean Lower Low Water – The average height of the lower low tides observed over a specific time interval. The datum plane is used on Pacific coast nautical charts to reference soundings.

–2.9 Lowest Predicted Tide – The lowest tide predicted by the Tide Tables.

–3.14 Lowest Measured Tide – The lowest tide actually observed on the tide staff.

–3.5 Extreme Low Tide – The lowest estimated tide that can occur. Used by navigational and harbor interests.

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