

From: Stick, Kurt C (DFW)

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To: OToole, Mark (DFW); Hoffmann, Annette (DFW); Childers, Rich K (DFW); Lindquist, Adam P (DFW); Burley, Craig C (DFW); Scott, Jim B (DFW); Alan Chapman; Bargmann, Gregory G (DFW); Gary MacWilliams; Michael Kyte; Mark Pedersen; Fred Felleman; Jay Zischke; Rebecca Bernard; Paul K Hershberger

Subject: 2010 Cherry Point herring spawning biomass

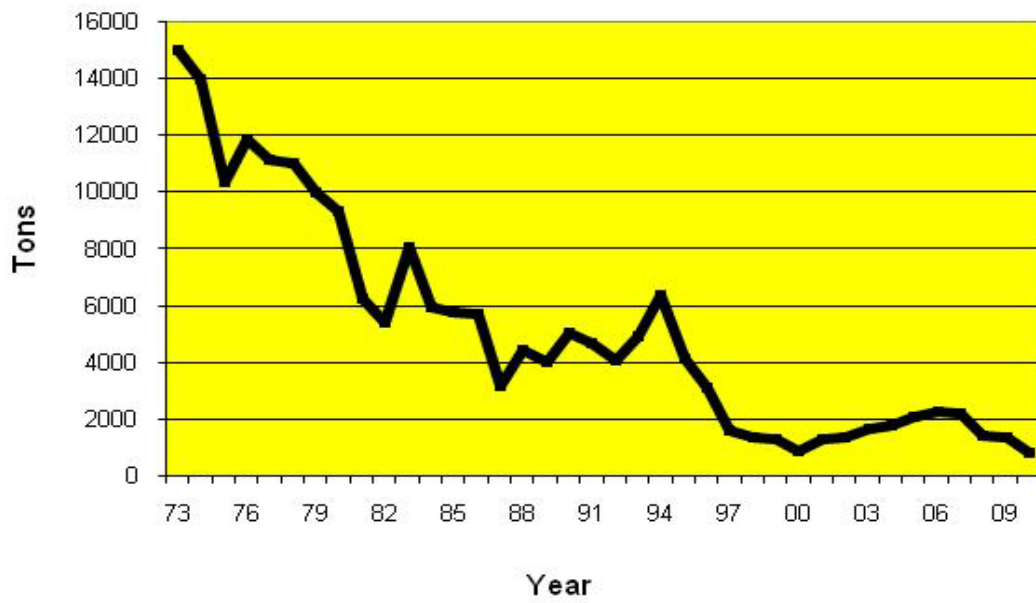
Please see attached file showing details of 2010 estimated spawning escapement, a graph of estimated spawning biomass for 1973 through 2010, and a map of spawning location in 2010 for the Cherry Point herring stock. The 2010 estimate of 774 tons is the lowest recorded since quantitative estimates began in 1973.

Kurt Stick - Fish & Wildlife Biologist
Washington Department of Fish and Wildlife
P.O. Box 1100
La Conner, WA 98257-9612
(360) 466-4345 Ext. 243
Kurt.Stick@dfw.wa.gov

**2010 CHERRY POINT HERRING SPAWN DEPOSITION SURVEYS
ESTIMATED SPAWNING ESCAPEMENT (SHORT TONS)
FINAL**

SPAWNING DATE	AREA	ESTIMATED BIOMASS	CUMULATIVE BIOMASS
4/14	Entrance to Birch Bay Village Marina	5	5
4/17	Entrance to Birch Bay Village Marina	6	11
4/18	At Birch Point proper	26	37
4/25	Entrance to Birch Bay Village Marina	4	41
4/26	Entrance to Birch Bay Village Marina	8	49
4/29	South of Birch Point	39	88
5/1	Birch Bay State Park	21	109
5/3	Birch Bay State Park	13	122
5/4	Entrance to Birch Bay Village Marina	121	243
5/4	At Birch Point proper	175	418
5/7	South of Birch Point	5	423
5/9	At Birch Point proper	29	452
5/9	South Of Point Whitehorn	101	553
5/13	South Of Point Whitehorn	53	606
5/14	South of Birch Point	6	612
5/15	North of Birch Bay Village Marina	11	623
5/16	North of Birch Bay Village Marina	2	625
5/16	Point Whitehorn	21	646
5/20	At Birch Point proper	18	664
5/22	North of Birch Point	7	671
5/23	South Of Point Whitehorn	18	689
5/24	South Of Point Whitehorn	30	719
5/25	South Of Point Whitehorn	2	721
5/26	Point Whitehorn	7	728
5/26	South Of Point Whitehorn	32	760
5/30	South Of Point Whitehorn	4	764
6/6	South Of Point Whitehorn	10	774

Cherry Point Herring Stock Spawning Biomass, 1973-2010



2010
774 Tons

Spawning Escapement

Tons

- 1-24
- 25-49
- 50-99
- 100-199
- 200-299
- 300-499
- 500-749
- 750-1400

• Stations without Spawn

