

Green turtles tagged and resighted at Punaluu Bay by the National Marine Fisheries Service
in collaboration with the Marine Option Program of the University of Hawaii at Hilo, 1981-2009
(Total Expeditions = 65)

compiled by
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Study Dates	Total No. Captured	No. Newly Tagged	No. Tag Resightings	Total No. Tagged in Population to Date	Peterson Population Index Estimate*
July 26-28, 1981	6	6	0	6	-
Sep. 24, 1983	2	2	0	8	-
Nov. 26, 1983	3	3	0	11	-
Dec. 15-19, 1983	12	9	3	20	44
Jan. 8-10, 1984	13	9	4	29	65
Feb. 17-19, 1984	12	10	2	39	174
March 24-27, 1984	30	21	9	60	130
April 13, 1984	2	1	1	61	120
May 14-17, 1984	11	7	4	68	168
June 26-28, 1984	13	7	6	75	147
March 23-25, 1987	6	4	2	77**	225
March 21-23, 1988	3	3	0	80	-
April 10-12, 1989	14	10	4	90	280
April 9-10, 1990	12	7	5	97	216
July 17-18, 1990	13	6	7	103	180
Nov. 27-28, 1990	17	5	12	108	146
April 23-24, 1991	20	4	16	112	135
July 16-17, 1991	15	3	12	115	140
Nov. 12-13, 1991	22	8	14	123	181
April 14-15, 1992	15	4	11	127	168
July 14-15, 1992	22	3	19	130	147
Nov. 17-18, 1992	26	10	16	140	211
April 13-14, 1993	23	12	11	152	293
July 13-14, 1993	16	2	14	154	174
Nov. 30-Dec. 1, 1993	24	9	15	163	246
April 5-6, 1994	27	7	20	170	220
July 5-6, 1994	29	3	26	173	190
Oct. 6-7, 1994	27	4	23	177	203
April 20-21, 1995	31	3	28	180	196
July 5, 1995	13	1	12	181	195
Nov. 28-29, 1995	21	3	18	183***	211
Feb. 8-9, 1996	26	4	22	187	216
June 25-26, 1996	19	1	18	188	197
Nov. 14-15, 1996	18	4	14	192	242

Study Dates	Total No. Captured	No. Newly Tagged	No. Tag Resightings	Total No. Tagged in Population to Date	Peterson Population Index Estimate*
Jan. 23-24, 1997	18	2	16	194	216
April 4, 1997	3	0	3	194	194
June 6, 1997	2	0	2	194	194
July 22-23, 1997	12	0	12	194	194
Nov. 20-21, 1997	16	4	12	198	259
Feb. 19-20, 1998	20	4	16	202	248
July 14-15, 1998	21	0	21	202	202
Dec. 1-2, 1998	16	5	11	207	294
Feb. 16-17, 1999	20	2	18	209	230
June 29, 1999	28	1	27	210	217
Nov. 16-17, 1999	21	0	21	210	210
July 11, 2000	15	3	12	213	263
Oct. 15, 2001	16	2	14	215	243
April 24, 2002	16	7	9	222	382
July 17, 2002	11	2	9	224	271
October 30, 2002	13	2	11	226	265
April 9, 2003	12	2	10	228	271
November 19, 2003	13	2	11	230	269
March 10, 2004	18	4	14	234	296
July 7, 2004	12	1	11	235	255
February 2, 2005	17	3	14	238	285
June 29, 2005	10	1	9	239	264
November 7, 2005	14	1	13	240	257
June 14, 2006	13	2	11	242	284
June 20, 2007	15	4	11	246	330
November 15, 2007	15	3	12	249	308
April 17, 2008	12	0	12	249	249
July 23, 2008	15	1	14	250	267
September 26-27, 2008	14	3	11	253	318
March 12, 2009	13	0	13	253	253
October 29, 2009	12	0	12	253	253
June 30, 2010	15	4	11	257	345

$$\frac{\text{* No. tagged turtles recaptured}}{\text{Total No. turtles captured}} = \frac{\text{Total No. turtles tagged}}{\text{Total No. turtles in resident population (X)}}$$

**Total number of tagged turtles reduced by one as of 11/4/84 when an individual tagged in 5/84 was found dead.

***Total number of tagged turtles reduced by one as of 10/14/95 when an individual tagged in 4/89 was found dead.