

LITTORAL ENVIRONMENT OBSERVATIONS

RECORD ALL DATA CAREFULLY AND LEGIBLY

SITE NUMBERS

1	2	3	4	5
1				

YEAR

6	7
2	1

MONTH

8	9
0	1

DAY

10	11
1	7

Record time
using the 24
hour system

TIME

12	13	14	15
1	3	0	0

WAVE PERIOD

Record the time in seconds for
eleven (11) wave crests to pass a
stationary point. If calm record 0.

16	17	18
	1	0

BREAKER HEIGHT

Record the best estimate of the
average wave height to the nearest
tenth of a foot.

19	20	21
2	1	0

WAVE ANGLE AT BREAKER

Record to the nearest degree the
direction the waves are coming from
using the protractor on the reverse side. 0 if calm.

22	23	24
1	3	0

WAVE TYPE

0 - Calm 3 - Surging
1 - Spilling 4 - Spill / Plunge
2 - Plunging

25
0

WIND SPEED

Record wind speed to the nearest
mph. If calm record 0.

26	27
	5

WIND DIRECTION - Direction the wind
is coming from.

1 - N 3 - E 5 - S 7 - W 0 - Calm.
2 - NE 4 - SE 6 - SW 8 - NW

28
8

FORESHORE SLOPE

Record foreshore slope to the
nearest degree.

29	30

WIDTH OF SURF ZONE

Estimate in feet the distance from
shore to breakers, if calm record 0.

31	32	33	34
			5

LONGSHORE CURRENT

DYE

Estimate distance in feet from
shoreline to point of dye injection.

36	37	38
	1	5

CURRENT SPEED

Measure in feet the distance the dye
patch is observed to move during a one (1)
minute period; If no longshore movement record 0.

43	44	45
		0

CURRENT DIRECTION

0 No longshore movement
+1 Dye moves toward right
-1 Dye moves toward left

46	47
	0

RIP CURRENTS

If rip currents are present, indicate spacing (feet). If spacing is irregular
estimate average spacing. If no rips record 0.

49	50	51	52
			0

BEACH CUSPS

If cusps are present, indicate spacing (feet). If spacing is irregular
estimate average spacing. If no cusps record 0.

54	55	56
		0

PLEASE PRINT:

Blue Heron Bridge

SITE NAME

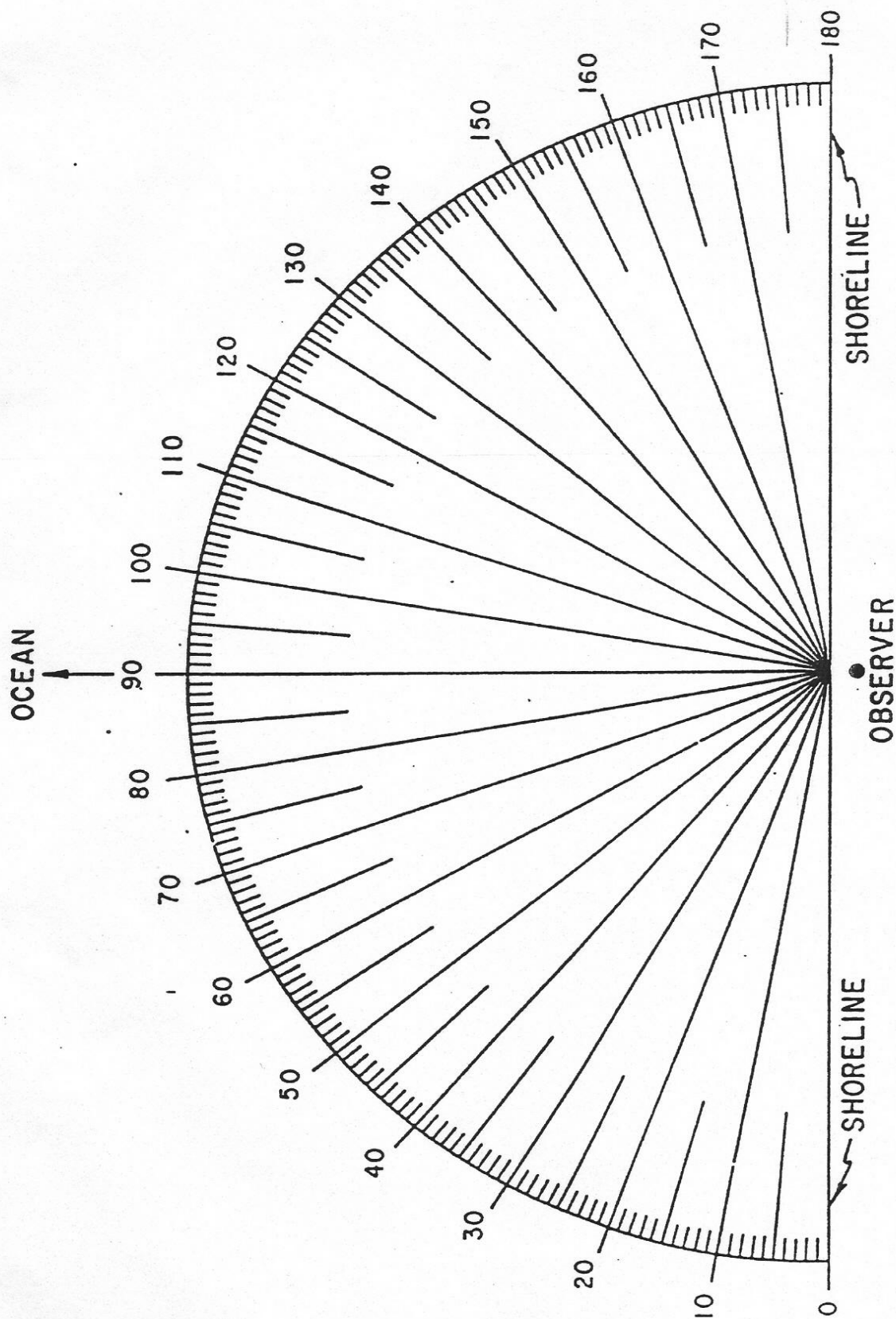
Bridan Duffy

OBSERVER

Please Check The Form For Completeness

REMARKS:

Water remarkably calm and clear. While diving
seas were almost flat.



NOTE: If a pier is used for an observation platform: place 0-180 line on the rail parallel to the centerline of the pier, site along the crest of the breaking waves and record the angle observed.