LITTORAL ENVIRONMENT OBSERVATIONS

RECORD ALL DATA CAREFULLY AND LEGIBLY

SITE NUMBERS (1 2 3 4 5) | **YEAR** (6 7) | **MONTH** (8 9) | **DAY** (10 11) | **TIME** (12 13 14 15) — Record time using the 24 hour system

WAVE PERIOD (16 17 18)

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

BREAKER HEIGHT (19 20 . 21)

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

WAVE ANGLE AT BREAKER (22 23 24)

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

WAVE TYPE (25)

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

WIND SPEED (26 27)

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

WIND DIRECTION (28) – Direction the wind is coming from.

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

FORESHORE SLOPE (29 30)

Record foreshore slope to the nearest degree.

WIDTH OF SURF ZONE (31 32 33 34)

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

LONGSHORE CURRENT

DYE (36 37 38)

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

CURRENT SPEED (43 44 45)

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

CURRENT DIRECTION (46 47)

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

RIP CURRENTS (49 50 51 52)

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

BEACH CUSPS (54 55 56)

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

PLEASE PRINT:

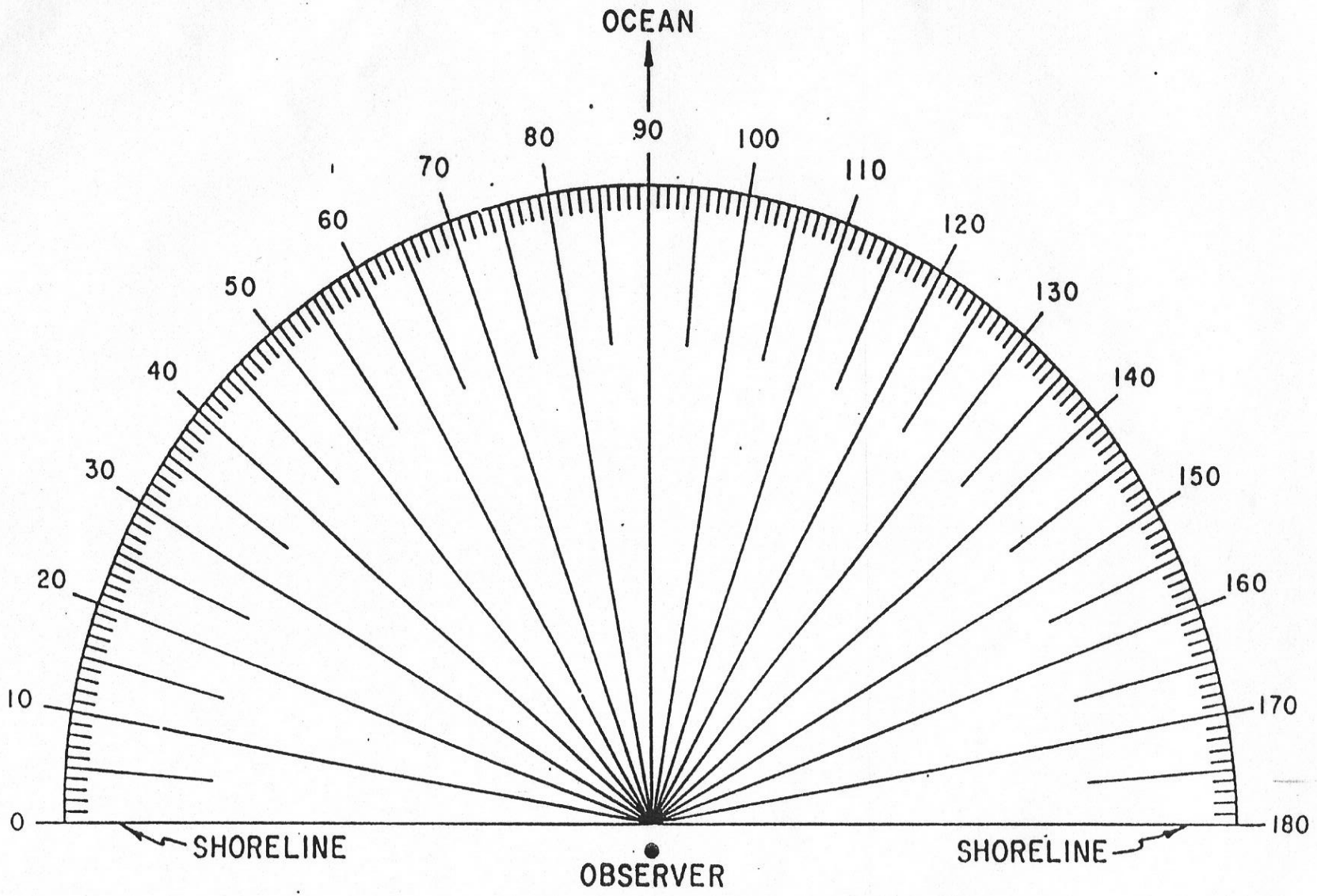
SITE NAME _____ OBSERVER _____

Please Check The Form For Completeness

REMARKS: _____

CERC 113-72
8 Mar 72

Make any additional remarks, computations or sketches on the reverse side of this form.



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.