

# University of Maine/Maine Geological Survey: Emery Method Beach Profile Logsheet

Line Name (abbr.): \_\_\_\_\_ Date: \_\_\_\_\_ Start time: \_\_\_\_\_ End time: \_\_\_\_\_

Field (data) Recorder: \_\_\_\_\_ Horizon Visibility: Excellent Good Fair Poor

Team members present: \_\_\_\_\_

General condition of beach & dune: \_\_\_\_\_

Stake Name: _____ & Elevation: _____	Stake Name: _____ & Elevation: _____
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Examples: (old) FS & BS  
or (new) A, B, C, etc.

1*		0	
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\*Sand elevation at starting point (pin or stake)  
[**negative** (-) when sand below pin; **positive** (+) when sand above pin]

	Vertical (cm)	Horizontal (m)	comments		Vertical	Horizontal	comments
2				25			
3				26			
4				27			
5				28			
6				29			
7				30			
8				31			
9				32			
10				33			
11				34			
12				35			
13				36			
14				37			
15				38			
16				39			
17				40			
18				41			
19				42			
20				43			
21				44			
22				45			
23				46			
24				47			

*Reminder: Only use positive numbers when the seaward pole is higher than the landward pole*

Vertical	Horizontal	comments	Vertical	Horizontal	comments
48			59		
49			60		
50			61		
51			62		
52			63		
53			64		
54			65		
55			66		
56			67		
57			68		
58			69		

Other comments: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Standard comments and abbreviations:	
dune cr	dune crest – highest point in dune
edge veg	edge of dune vegetation
scarp	Vertically eroded “cliff” on seaward edge of dune
berm cr	berm crest – highest point on the sandy, “beach blanket” area of beach
LHTS	Last High Tide Swash – marked by line between dry and wet sand
SHTW	Spring High Tide Swash – wrackline at highest point on beach
wrack	wrack line – collection of seaweed and marine debris washed on beach
rock/cobble/pebble	rock, cobble, or pebble present along profile line
cusps	water-washed ridges in sand berm that are sinuous along the beach
runoff channel	runoff channel present along profile line
tide pool	tide pool
sand bar	build up of sand in lower profile
trough	Depression of sand in lower profile
ice or snow	ice or snow frozen to beach
accretion, _____	“blank” = features buried since last month (stumps, stakes, logs, etc.)
buried	
WL	water line

