BN variable, point value (5 m)	Format	Definition
Beach Height (**uBH**)	continuous	Vertical distance (m) between the mean high water (MHW) shoreline and foredune toe elevations. All points along the transect are assigned the same value.
Beach Width (**uBW**)	continuous	Euclidean distance (m) between the MHW shoreline and the foredune toe or equivalent (either foredune crest or coastal armoring/development if the foredune toe was not delineated). All points along the transect are assigned the same value.
Construction (**Construction**)	categorical	Presence of shoreline management structures along a transect. All points along the transect are assigned the same value.
Cross-Island Width (**WidthLand**)	continuous	Width (m) of the barrier island measured as a cross-section of the island along the transect. All points along the transect are assigned the same value.
Development (**Development**)	categorical	Density of human development along a transect. All points along the transect are assigned the same value.
Distance to Foredune Crest (**DistDH**)	continuous	Euclidean distance (m) between the MHW shoreline and the foredune crest position. All points along the transect assigned the same value.
Distance to Inlet (**Dist2Inlet**)	continuous	Alongshore distance (m) from the transect to the nearest tidal inlet. All points along the transect are assigned the same value.
Distance to MHW (**Dist_Seg**)	continuous	Euclidean distance (m) between the point and the intersection of the transect with seaward MHW shoreline.
Elevation (**ptZmhw**)	continuous	Elevation (m; referenced to local MHW datum) at the 5 m grid cell containing the point.
Foredune Crest Height (**DH_zmhw**)	continuous	Elevation (m; referenced to local MHW datum) at the foredune crest nearest to the transect and no farther than 25 m. All points along the transect are assigned the same value.
Geomorphic Setting (**GeoSet**)	categorical	Geomorphic setting (e.g., beach, dune) that best characterizes the landscape at that point. The value is assigned from the grid cell containing the point (see Piping Plover Habitat Bayesian Network below).
Mean Transect Elevation (**Mean_zMHW**)	continuous	Average elevation of the barrier along each transect. All points along the transect are assigned the same value.
Nourishment (**Nourishment**)	categorical	Beach nourishment frequency at the transect. All points along the transect are assigned the same value.
Shoreline Change Rate (**LRR**)	continuous	Historical rate of change in the shoreline position of that transect, represented by a linear regression rate. All points along the transect are assigned the same value.
Substrate Type (**SubType**)	categorical	Substrate type (for example, sand or mud/peat) that best characterizes the landscape at that point. The value is assigned from the grid cell containing the point (see Piping Plover Habitat Bayesian Network below).
Vegetation Density (**VegDen**)	categorical	Vegetation density (for example, sparse or moderate) that best characterizes the landscape at that point. The value is assigned from the grid cell containing the point (see Piping Plover Habitat Bayesian network below).
Vegetation Type (**VegType**)	categorical	Vegetation type (for example, herbaceous or shrub) that best characterizes the landscape at that point. The value is assigned from the grid cell containing the point (see Piping Plover Habitat Bayesian Network below).