






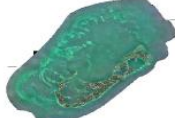

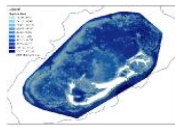
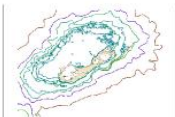

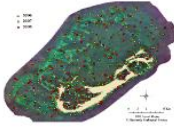
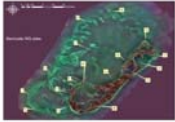




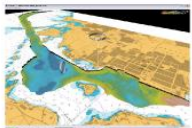

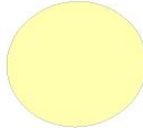



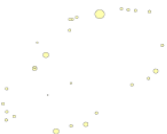




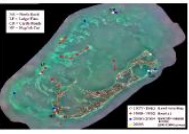
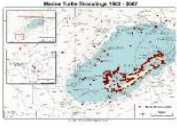



<b>GIS Data Inventory</b>				
<b>Data Name</b>	<b>Custodian</b>	<b>Description</b>	<b>Thumbnail</b>	<b>Link to metadata if available</b>
<b>Approaches to Bermuda #360</b>	Survey Section	Bermuda Admiralty chart # 360, showing Approaches to Bermuda at scale 1:300,000. Depths are in meters and are reduced to Chart Datum, which is approximately the level of Lowest Astronomical Tide. Postitions are referred to WGS 84 datum.		
<b>Bermuda #334</b>	Survey Section	Bermuda Admiralty chart # 334, of Bermuda at scale 1:75,000.		
<b>Dundonald Channel #1073</b>	Survey Section	Bermuda Admiralty chart # 1073, showing Dundonald Channel to Hamilton Harbour at scale 1:6000.		
<b>Western Approaches to the Narrows #898</b>	Survey Section	Bermuda Admiralty chart # 898, showing the Eastern and Western Approaches to The Narrows including Murray's Anchorage at scale 1:17,500.		
<b>Five Fathom Hole, The Narrows and St. George's Harbour #1315</b>	Survey Section	Bermuda Admiralty chart # 1315, showing Five Fathom Hole, The Narrows and St. George's Harbour at scale 1:7500.		
<b>Grassy Bay and Great Sound #332</b>	Survey Section	Bermuda Admiralty chart # 332, showing Grassy Bay and Great Sound including Little Sound at scale 1:12,500. Includes an inset of Ireland Island North and South Basins including Bermuda Freeport at scale 1:3000.		
<b>North and South Channels #867</b>	Survey Section	Bermuda Admiralty chart # 867, showing the North and South Channels to Great Sound at scale 1:17,500.		
<b>1997 Aerial Photos</b>	Bermuda Zoological Society	1997 1:30,000 colour vertical aerial photography with a resolution of 50cm flown as close to low tide as practicable. Area includes the visible reefline approximately corresponding to the 10-fathom contour		
<b>2003 Aerial Photos</b>	Survey Section	2003 1:10,000 colour vertical aerial photography with a 20cm resolution flown at low tide.		
<b>Bathymetric TIN Surface</b>	Conservation Services	TIN surface interpolated using depth points digitized from Bermuda Admiralty chart # 334, the 1789 - 1797 Hurd Map, and from survey site depth readings provided by the Bermuda Zoological Society's BREEM project, the Dept of Conservation Services Benthic Habitat Monitoring and Mapping programme and a Lidar survey of the South Shore. The accuracy and resolution of this interpolation varies considerably across the resulting surface and therefore this dataset is NOT to be used as a definitive representation of depths across the platform.		
<b>Bathymetric Contour lines</b>	Conservation Services	Polyline shapefiles representing the depth contours defined by Admiralty Charts 334 and 360. Depths range from 5 - 2000m		

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<b>Bays, Harbours and Sounds</b>	Conservation Services	This data set contains polygons representing all of the inshore harbours, sounds and bays of Bermuda. It was created by merging three existing data sets.		
<b>Benthic Habitat Monitoring and Mapping</b>	Conservation Services	Approximately 170 sites across the reef platform randomly selected and surveyed each summer for 5 years, starting in 2006 (excluding 2009). Data collected at these sites includes the frequency, abundance and density of coral, seagrass and algae. For further details of the data collected please contact Sarah Manuel and/or Kathy Coates at Conservation Services.		
<b>Seagrass Monitoring</b>	Conservation Services	17 permanent monitoring sites surveyed every 3 months to look at the seasonal variability in the environment and the seagrass.		
<b>Water Quality Monitoring</b>	Conservation Services	From the same 17 sites as above, water samples are collected and physical water characteristics are measured monthly. Continuous temperature data loggers are installed at these sites.	see above	<a href="http://serc.fu.edu/wqm/network/BERMUDA%20new/home.html">http://serc.fu.edu/wqm/network/BERMUDA%20new/home.html</a>
<b>Bermuda Coastline</b>	Survey Section	Polygon shapefile of Bermuda's coastline and islands.		
<b>BREAM DATA</b>	Bermuda Zoological Society	coming soon		
<b>Environmental Sensitivity Maps</b>	Conservation Services/Marine and Ports	Polyline dataset of the coastline sensitivity rating developed for the Oil Spill Contingency Plan, by Tom Sleeter, Tony Knap and Walwyn Huges. The maps identify priority areas that would require maximum effort for protection, cleanup and conservation		
<b>Hurd Map</b>	Conservation Services/Maritime Museum	Scanned and georeferenced copy of the 1789-1797 survey map by Thomas Hurd.		
<b>Mangroves</b>	Conservation Services	Polygons representing the mangroves as seen in the 1997 aerial photos.		
<b>Shipping channels and ports</b>	Marine and Ports/Survey Section	Multibeam surveys of main ports and shipping channels.		
<b>Baseline</b>	Conservation Services	Polyline showing the baseline from which the breadth of Bermuda's territorial sea is measured, as stated by the Bermuda (Territorial Sea) Order in Council 1988		
<b>Fisheries Zone</b>	Conservation Services	Polygon showing the extended boundary of the Fisheries Zone of Bermuda as described in the Proclamation extending the limits of the Fisheries Zone of Bermuda made on 18th of May, 1977. The boundary is 200 nautical miles from the baseline.		
<b>Territorial Sea</b>	Conservation Services	Polygon showing the extended boundaries of Bermuda as cited by the Bermuda (Territorial Sea) Order in Council 1988. This boundary is 12 nautical miles from the baseline.		

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Marine Protected Areas	Conservation Services/Environmental Protection	Blue Striped Grunt aggregation protected area. Fishing prohibited from May 1st 2009 to June 30th 2009		
Coral Reef Preserves	Conservation Services/Environmental Protection	North Shore and South Shore Coral Reef preserves as described by the Coral Reef Preserves Act, 1966.		
Dive Site Protected Areas	Conservation Services/Environmental Protection	Year round protected areas of selected dive sites. Line fishing, trapping, spear fishing and lobster diving are prohibited.		
Lobster Protected Area	Conservation Services/Environmental Protection	Spiny lobster protection reservoir. Lobster diving is permitted on reef platform during lobster season, except for within this reservoir.		
No Net Fishing Bays	Conservation Services/Environmental Protection	These bays are permanently closed to netting of any kind		
No Spear Fishing Area	Conservation Services/Environmental Protection	Spearfishing is not permitted within one nautical mile of the shore of any of the islands of Bermuda		
Seasonal Protected Areas	Conservation Services/Environmental Protection	Seasonal Protected Areas as described in the Fisheries (Protected Area) Order, 2005		
Queen Conch Locations	Conservation Services	Compilation of Queen Conch siting locations across the platform, dating back to 1977.		
Turtle Project Data	Bermuda Zoological Society	Locations and results of Turtle Tagging projects. Turtle stranding locations and data. Hawksbill Captures and observations.		
Reefs	Bermuda Zoological Society/Conservation Services	Polygons representing the reef structures visible in the BZS 1997 aerial photos. Digitized by Thad Murdoch.		
Wrecks	Conservation Services	Location and status of open and closed shipwrecks around Bermuda.	