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Project Name: **National Network of Regional Coastal Monitoring Programmes of  
England**

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## Bideford Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-4.27783	131115 N
<i>Max. longitude</i>	-4.27582	131334 N
<i>Max. latitude</i>	51.05916	240612 E
<i>Min. latitude</i>	51.05715	240464 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	11 m CD	
<i>Location of wave buoy</i>	Bideford Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
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## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
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### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

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<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Blakeney Overfalls Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.09883	355547 N
<i>Max. longitude</i>	1.10083	355775 N
<i>Max. latitude</i>	53.0588	607890 E
<i>Min. latitude</i>	53.0568	607765 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	23 m CD	
<i>Location of wave buoy</i>	Blakeney Overfalls	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Environment Agency	
<i>Acknowledgement</i>	Anglia Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Anglia Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
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<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
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**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

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<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Boscombe Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-1.84080	90077 N
<i>Max. longitude</i>	-1.83880	90300 N
<i>Max. latitude</i>	50.71221	411477 E
<i>Min. latitude</i>	50.71021	411337 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10.4 m CD	
<i>Location of wave buoy</i>	Boscombe	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
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## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



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<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
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<i>County</i>	Hampshire
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<i>Country</i>	United Kingdom
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<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Steve Cook
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<i>City</i>	Lyndhurst
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<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Bracklesham Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.83988	91978 N
<i>Max. longitude</i>	-0.83788	92202 N
<i>Max. latitude</i>	50.72364	482125 E
<i>Min. latitude</i>	50.72164	481988 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10.4 m CD	
<i>Location of wave buoy</i>	Bracklesham Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
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## Spatial Reference

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<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
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<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
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**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
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<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Chapel Point Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	0.44600	374664 N
<i>Max. longitude</i>	0.44800	374890 N
<i>Max. latitude</i>	53.2459	563439 E
<i>Min. latitude</i>	53.2439	563313 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	13 m CD	
<i>Location of wave buoy</i>	Chapel Point	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
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<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
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**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Jo Gibson
<i>Contact organisation</i>	Environment Agency
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<i>City</i>	Bath
<i>County</i>	Somerset
<i>Postcode</i>	BA2 9ES
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 20 3025 2579
<i>Contact email address</i>	<a href="mailto:jo.gibson@environment-agency.gov.uk">jo.gibson@environment-agency.gov.uk</a>
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<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Chesil Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-2.52177	78106 N
<i>Max. longitude</i>	-2.51977	78327 N
<i>Max. latitude</i>	50.60349	363313 E
<i>Min. latitude</i>	50.60149	363170 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	12 m CD	
<i>Location of wave buoy</i>	Chesil	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Cleveleys Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.19683	444880 N
<i>Max. longitude</i>	-3.19483	445100 N
<i>Max. latitude</i>	53.89613	321581 E
<i>Min. latitude</i>	53.89413	321446 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Cleveleys	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Sefton Council	
<i>Acknowledgement</i>	Northwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Paul Wisse
<i>Contact organisation</i>	Sefton Council
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<i>County</i>	Merseyside
<i>Postcode</i>	L20 3NJ
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 15 1934 2959
<i>Contact email address</i>	<a href="mailto:Paul.Wisse@sefton.gov.uk">Paul.Wisse@sefton.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Dawlish Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.41843	76400 N
<i>Max. longitude</i>	-3.41643	76620 N
<i>Max. latitude</i>	50.58068	299813 E
<i>Min. latitude</i>	50.57868	299667 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	11 m CD	
<i>Location of wave buoy</i>	Dawlish	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Felixstowe Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.39283	231958 N
<i>Max. longitude</i>	1.39483	232187 N
<i>Max. latitude</i>	51.9392	633441 E
<i>Min. latitude</i>	51.9372	633314 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	8 m CD	
<i>Location of wave buoy</i>	Felixstowe	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Environment Agency	
<i>Acknowledgement</i>	Anglia Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Anglia Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

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<i>Contact organisation</i>	Environment Agency
<i>Address</i>	Regulation, Monitoring & Customer, River House, Lower Bristol Road
<i>City</i>	Bath
<i>County</i>	Somerset
<i>Postcode</i>	BA2 9ES
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 20 3025 2579
<i>Contact email address</i>	<a href="mailto:jo.gibson@environment-agency.gov.uk">jo.gibson@environment-agency.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Folkestone Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.12918	133821 N
<i>Max. longitude</i>	1.13118	134060 N
<i>Max. latitude</i>	51.0639	619489 E
<i>Min. latitude</i>	51.0618	619359 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	12.7 m CD	
<i>Location of wave buoy</i>	Folkestone	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Goodwin Sands Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.48243	155742 N
<i>Max. longitude</i>	1.48443	155971 N
<i>Max. latitude</i>	51.2510	643249 E
<i>Min. latitude</i>	51.2490	643120 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Goodwin Sands	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Gwynt Y Môr Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.50547	398795 N
<i>Max. longitude</i>	-3.50347	399015 N
<i>Max. latitude</i>	53.47840	300318 E
<i>Min. latitude</i>	53.47640	300181 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Gwynt Y Môr	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	RWE Innogy Ltd	
<i>Acknowledgement</i>	RWE Innogy Ltd	
<i>License</i>	<p>Data courtesy of the Northwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Paul Wisse
<i>Contact organisation</i>	Sefton Council
<i>Address</i>	Flood and Coastal Erosion Risk Management, Magdalen House, 30 Trinity Road
<i>City</i>	Bootle
<i>County</i>	Merseyside
<i>Postcode</i>	L20 3NJ
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 15 1934 2959
<i>Contact email address</i>	<a href="mailto:Paul.Wisse@sefton.gov.uk">Paul.Wisse@sefton.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Happisburgh Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.54767	331170 N
<i>Max. longitude</i>	1.54966	331399 N
<i>Max. latitude</i>	52.82700	639232 E
<i>Min. latitude</i>	52.82500	639109 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Happisburgh	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Environment Agency	
<i>Acknowledgement</i>	Anglia Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Anglia Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Jo Gibson
<i>Contact organisation</i>	Environment Agency
<i>Address</i>	Regulation, Monitoring & Customer, River House, Lower Bristol Road
<i>City</i>	Bath
<i>County</i>	Somerset
<i>Postcode</i>	BA2 9ES
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 20 3025 2579
<i>Contact email address</i>	<a href="mailto:jo.gibson@environment-agency.gov.uk">jo.gibson@environment-agency.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Hayling Island Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.95912	93141 N
<i>Max. longitude</i>	-0.95713	93365 N
<i>Max. latitude</i>	50.73522	473690 E
<i>Min. latitude</i>	50.73323	473553 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Hayling Island	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Hornsea Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.06765	448345 N
<i>Max. longitude</i>	-0.06565	448571 N
<i>Max. latitude</i>	53.91771	527140 E
<i>Min. latitude</i>	53.91571	527015 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	12 m CD	
<i>Location of wave buoy</i>	Hornsea	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	East Riding Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	East Riding of Yorkshire Council	
<i>Acknowledgement</i>	East Riding Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the East Riding Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Neil McLachlan
<i>Contact organisation</i>	East Riding of Yorkshire Council
<i>Address</i>	Infrastructure & Facilities, Civil Engineering Services, East Riding of Yorkshire Council, County Hall
<i>City</i>	Beverley
<i>County</i>	East Riding of Yorkshire
<i>Postcode</i>	HU17 9BA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 14 8239 5604
<i>Contact email address</i>	<a href="mailto:neil.mclachlan@eastriding.gov.uk">neil.mclachlan@eastriding.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Looe Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-4.41183	51421 N
<i>Max. longitude</i>	-4.40983	51639 N
<i>Max. latitude</i>	50.33966	228617 E
<i>Min. latitude</i>	50.33766	228468 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Looe Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Lowestoft Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	1.81717	293301 N
<i>Max. longitude</i>	1.81917	293531 N
<i>Max. latitude</i>	52.4780	659440 E
<i>Min. latitude</i>	52.4760	659316 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	20 m CD	
<i>Location of wave buoy</i>	Lowestoft	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Environment Agency	
<i>Acknowledgement</i>	Anglia Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Anglia Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Jo Gibson
<i>Contact organisation</i>	Environment Agency
<i>Address</i>	Regulation, Monitoring & Customer, River House, Lower Bristol Road
<i>City</i>	Bath
<i>County</i>	Somerset
<i>Postcode</i>	BA2 9ES
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 20 3025 2579
<i>Contact email address</i>	<a href="mailto:jo.gibson@environment-agency.gov.uk">jo.gibson@environment-agency.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Milford Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-1.61648	90207 N
<i>Max. longitude</i>	-1.61448	90431 N
<i>Max. latitude</i>	50.71286	427315 E
<i>Min. latitude</i>	50.71086	427175 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Milford	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Minehead Directional Waverider Buoy

### General Information

<i>Min. longitude</i>	-3.47007	148471 N
<i>Max. longitude</i>	-3.46807	148690 N
<i>Max. latitude</i>	51.22818	297589 E
<i>Min. latitude</i>	51.22618	297445 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Minehead	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

### Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

### Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Morecambe Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.06705	455097 N
<i>Max. longitude</i>	-3.06505	455318 N
<i>Max. latitude</i>	53.98919	330265 E
<i>Min. latitude</i>	53.98719	330130 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Morecambe Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Sefton Council	
<i>Acknowledgement</i>	Northwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Paul Wisse
<i>Contact organisation</i>	Sefton Council
<i>Address</i>	Flood and Coastal Erosion Risk Management, Magdalen House, 30 Trinity Road
<i>City</i>	Bootle
<i>County</i>	Merseyside
<i>Postcode</i>	L20 3NJ
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 15 1934 2959
<i>Contact email address</i>	<a href="mailto:Paul.Wisse@sefton.gov.uk">Paul.Wisse@sefton.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Newbiggin Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.27362	84938 N
<i>Max. longitude</i>	-3.25925	85937 N
<i>Max. latitude</i>	50.66628	311103 E
<i>Min. latitude</i>	50.65714	310070 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	18 m CD	
<i>Location of wave buoy</i>	Newbiggin	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Scarborough Borough Council	
<i>Acknowledgement</i>	Northeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Stewart Rowe
<i>Contact organisation</i>	Scarborough Borough Council
<i>Address</i>	Projects Unit, Regeneration and Planning, Scarborough Borough Council, Town Hall, St Nicholas Street
<i>City</i>	Scarborough
<i>County</i>	North Yorkshire
<i>Postcode</i>	YO11 2HG
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 17 2323 2323
<i>Contact email address</i>	<a href="mailto:stewart.rowe@scarborough.gov.uk">stewart.rowe@scarborough.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## New Brighton Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.03541	394396 N
<i>Max. longitude</i>	-3.03341	394617 N
<i>Max. latitude</i>	53.44386	331457 E
<i>Min. latitude</i>	53.44186	331321 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	5 m CD	
<i>Location of wave buoy</i>	New Brighton	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Sefton Council	
<i>Acknowledgement</i>	Northwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Paul Wisse
<i>Contact organisation</i>	Sefton Council
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<i>City</i>	Bootle
<i>County</i>	Merseyside
<i>Postcode</i>	L20 3NJ
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 15 1934 2959
<i>Contact email address</i>	<a href="mailto:Paul.Wisse@sefton.gov.uk">Paul.Wisse@sefton.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## North Well Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	0.47413	353967 N
<i>Max. longitude</i>	0.47613	354194 N
<i>Max. latitude</i>	53.05923	566034 E
<i>Min. latitude</i>	53.05723	565908 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	31 m CD	
<i>Location of wave buoy</i>	North Well	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Anglia Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Environment Agency	
<i>Acknowledgement</i>	Anglia Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Anglia Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

Attribute accuracy value	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
Attribute accuracy explanation	Specification of manufacturer
Logical consistency report	Complete
Completeness report	Complete
Has data been processed?	Quality control checks

### Distribution Information

<i>Contact person</i>	Jo Gibson
<i>Contact organisation</i>	Environment Agency
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<i>City</i>	Bath
<i>County</i>	Somerset
<i>Postcode</i>	BA2 9ES
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 20 3025 2579
<i>Contact email address</i>	<a href="mailto:jo.gibson@environment-agency.gov.uk">jo.gibson@environment-agency.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Penzance Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-5.50379	29587 N
<i>Max. longitude</i>	-5.50179	29802 N
<i>Max. latitude</i>	50.11543	149759 E
<i>Min. latitude</i>	50.11343	149605 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Penzance	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
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<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Perranporth Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-5.17493	55094 N
<i>Max. longitude</i>	-5.17293	55310 N
<i>Max. latitude</i>	50.35436	174396 E
<i>Min. latitude</i>	50.35236	174244 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	14 m CD	
<i>Location of wave buoy</i>	Perranporth	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
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<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Pevensey Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	0.41694	100982 N
<i>Max. longitude</i>	0.41889	101221 N
<i>Max. latitude</i>	50.78546	570603 E
<i>Min. latitude</i>	50.78335	570473 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	9.8 m CD	
<i>Location of wave buoy</i>	Pevensey Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

#### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

#### Distribution Information

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<i>Contact organisation</i>	New Forest District Council
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<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Porthleven Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-5.30885	23189 N
<i>Max. longitude</i>	-5.30685	23405 N
<i>Max. latitude</i>	50.06360	163437 E
<i>Min. latitude</i>	50.06160	163284 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	15 m CD	
<i>Location of wave buoy</i>	Porthleven	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Rhyl Flats Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.60280	388328 N
<i>Max. longitude</i>	-3.60080	388547 N
<i>Max. latitude</i>	53.38304	293621 E
<i>Min. latitude</i>	53.38104	293483 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Rhyl Flats	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	RWE Innogy Ltd	
<i>Acknowledgement</i>	RWE Innogy Ltd	
<i>License</i>	<p>Data courtesy of the Northwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Paul Wisse
<i>Contact organisation</i>	Sefton Council
<i>Address</i>	Flood and Coastal Erosion Risk Management, Magdalen House, 30 Trinity Road
<i>City</i>	Bootle
<i>County</i>	Merseyside
<i>Postcode</i>	L20 3NJ
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 15 1934 2959
<i>Contact email address</i>	<a href="mailto:Paul.Wisse@sefton.gov.uk">Paul.Wisse@sefton.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Rustington Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.49464	93786 N
<i>Max. longitude</i>	-0.49273	94025 N
<i>Max. latitude</i>	50.73608	506459 E
<i>Min. latitude</i>	50.73396	506329 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	9.9 m CD	
<i>Location of wave buoy</i>	Rustington	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Rye Directional Waverider Buoy

### General Information

<i>Min. longitude</i>	-0.49464	93786 N
<i>Max. longitude</i>	-0.49273	94025 N
<i>Max. latitude</i>	50.73608	506459 E
<i>Min. latitude</i>	50.73396	506329 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Rye Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

### Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

### Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Sandown Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-1.12962	83772 N
<i>Max. longitude</i>	-1.12764	83996 N
<i>Max. latitude</i>	50.65237	461766 E
<i>Min. latitude</i>	50.65037	461629 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10.7 m CD	
<i>Location of wave buoy</i>	Sandown Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Scarborough Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.35114	489521 N
<i>Max. longitude</i>	-0.34914	489747 N
<i>Max. latitude</i>	54.29205	507552 E
<i>Min. latitude</i>	54.29005	507427 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	19 m CD	
<i>Location of wave buoy</i>	Scarborough	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Scarborough Borough Council	
<i>Acknowledgement</i>	Northeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Stewart Rowe
<i>Contact organisation</i>	Scarborough Borough Council
<i>Address</i>	Projects Unit, Regeneration and Planning, Scarborough Borough Council, Town Hall, St Nicholas Street
<i>City</i>	Scarborough
<i>County</i>	North Yorkshire
<i>Postcode</i>	YO11 2HG
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 17 2323 2323
<i>Contact email address</i>	<a href="mailto:stewart.rowe@scarborough.gov.uk">stewart.rowe@scarborough.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Seaford Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	0.07347	98280 N
<i>Max. longitude</i>	0.07547	98506 N
<i>Max. latitude</i>	50.76766	546453 E
<i>Min. latitude</i>	50.76566	546319 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	11 m CD	
<i>Location of wave buoy</i>	Seaford	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Steve Cook
<i>Contact organisation</i>	New Forest District Council
<i>Address</i>	Coastal & Public Facilities, Appletree Court, Beaulieu Road
<i>City</i>	Lyndhurst
<i>County</i>	Hampshire
<i>Postcode</i>	SO43 7PA
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Start Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.62272	44724 N
<i>Max. longitude</i>	-3.62072	44944 N
<i>Max. latitude</i>	50.29313	284652 E
<i>Min. latitude</i>	50.29112	284505 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	Start Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
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<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## St Mary's Sound Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-6.31315	7898 N
<i>Max. longitude</i>	-6.31315	8121 N
<i>Max. latitude</i>	49.89299	90345 E
<i>Min. latitude</i>	49.89099	90332 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	53 m CD	
<i>Location of wave buoy</i>	St Mary's Sound	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
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<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Tor Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.51997	60298 N
<i>Max. longitude</i>	-3.51797	60517 N
<i>Max. latitude</i>	50.43458	292292 E
<i>Min. latitude</i>	50.43258	292145 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	11 m CD	
<i>Location of wave buoy</i>	Tor Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
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<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
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<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Wave Hub Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-5.61527	55848 N
<i>Max. longitude</i>	-5.61327	56064 N
<i>Max. latitude</i>	50.34828	143047 E
<i>Min. latitude</i>	50.34628	142894 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	50 m CD	
<i>Location of wave buoy</i>	Wave Hub	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
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<i>Acknowledgement</i>	Wave Hub Ltd	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)7827 273812
<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## West Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-2.75020	88283 N
<i>Max. longitude</i>	-2.74820	88504 N
<i>Max. latitude</i>	50.69377	347249 E
<i>Min. latitude</i>	50.69177	347106 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10 m CD	
<i>Location of wave buoy</i>	West Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
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<i>Contact person</i>	Thomas Dhoop
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<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

<i>Contact person</i>	Ruth Adams
<i>Contact organisation</i>	Teignbridge District Council
<i>Address</i>	Economy & Assets, Forde House
<i>City</i>	Newton Abbot
<i>County</i>	Devon
<i>Postcode</i>	TQ12 4XX
<i>Country</i>	United Kingdom
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<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Weston Bay Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-3.01934	161999 N
<i>Max. longitude</i>	-3.01734	162219 N
<i>Max. latitude</i>	51.35462	329255 E
<i>Min. latitude</i>	51.35262	329113 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	13 m CD	
<i>Location of wave buoy</i>	Weston Bay	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southwest Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Teignbridge District Council	
<i>Acknowledgement</i>	Southwest Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southwest Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>



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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

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<i>Contact email address</i>	<a href="mailto:Ruth.adams@teignbridge.gov.uk">Ruth.adams@teignbridge.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Weymouth Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-2.41164	80368 N
<i>Max. longitude</i>	-2.40964	80590 N
<i>Max. latitude</i>	50.62428	371119 E
<i>Min. latitude</i>	50.62228	370977 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	10.6 m CD	
<i>Location of wave buoy</i>	Weymouth	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Southeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	New Forest District Council	
<i>Acknowledgement</i>	Southeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Southeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

	Flag = 4: Spread fail + derivatives; Flag = 6: Reprocessed due to breaking waves; Flag = 7: Buoy adrift; Flag = 8: Sea temperature fail; Flag = 9: Missing data
<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
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<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

**Data Quality**

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

**Distribution Information**

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<i>Contact organisation</i>	New Forest District Council
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<i>County</i>	Hampshire
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<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44(0) 23 8028 5588
<i>Contact email address</i>	<a href="mailto:steve.cook@nfdc.cov.uk">steve.cook@nfdc.cov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line

## Whitby Directional Waverider Buoy

## General Information

<i>Min. longitude</i>	-0.60804	512946 N
<i>Max. longitude</i>	-0.60604	513173 N
<i>Max. latitude</i>	54.50584	490361 E
<i>Min. latitude</i>	54.50383	490236 E
<i>Time zone</i>	UTC / GMT	
<i>Approximate water depth</i>	17 m CD	
<i>Location of wave buoy</i>	Whitby	
<i>Wave buoy model</i>	Datawell Directional Waverider Mk III	
<i>Project title</i>	Northeast Regional Coastal Monitoring Programme	
<i>Organisation that developed dataset</i>	Channel Coastal Observatory	
<i>Link</i>	<a href="http://www.coastalmonitoring.org">www.coastalmonitoring.org</a>	
<i>Copyright</i>	Scarborough Borough Council	
<i>Acknowledgement</i>	Northeast Regional Coastal Monitoring Programme	
<i>License</i>	<p>Data courtesy of the Northeast Regional Coastal Monitoring Programme</p> <p><a href="https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/">https://www.nationalarchives.gov.uk/doc/open-government-licence/version/2/</a></p> <p>The data set must not be used for navigation or in the creation of navigational products. If you reuse any of the data, you must acknowledge the source using the acknowledgement given in this metadata form.</p>	
<i>Access constraints</i>	None, public data	
<i>Usage constraints</i>	<a href="https://www.coastalmonitoring.org/disclaimer/">https://www.coastalmonitoring.org/disclaimer/</a>	

## Spatial Reference

<i>Grid coordinate system name</i>	WGS84
<i>Planar coordinate encoding method</i>	Latitude/Longitude
<i>Resolution of X-axis</i>	0.00001
<i>Resolution of Y-axis</i>	0.00001
<i>Planar distance units</i>	Decimal degrees

## Metadata Information

<i>Burst length</i>	Parameters averaged over 30 minutes, sampling frequency on buoy 3.84Hz, then filtered and downsampled to 1.28Hz prior to calculation of wave parameters. Time stamp is the start of the measurement burst.
<i>Wave direction</i>	Wave direction is reported following the nautical convention, meaning that the direction is where the waves come from, measured clockwise from magnetic north.
<i>Quality control</i>	<p>Data quality is marked by one column of flags.</p> <p>Flag = 0: all data pass;</p> <p>Flag = 1: either Hs or Tz fail, so all data fail;</p> <p>Flag = 2: Tp fail + derivatives;</p> <p>Flag = 3: Direction fail + derivatives;</p>

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<i>Quality Control Handbook</i>	<a href="https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf">https://coastalmonitoring.org/ccoresources/dataqualitycontrol/WavesQCManual_v1.2.pdf</a>
<i>Metadata standard name</i>	FGDC Content Standard for Geospatial Metadata
<i>Metadata standard version</i>	FGDC-STD-012-2002
<i>Contact person</i>	Thomas Dhoop
<i>Contact organisation</i>	Channel Coastal Observatory
<i>Address</i>	National Oceanography Centre
<i>City</i>	Southampton
<i>County</i>	Hampshire
<i>Postcode</i>	SO14 3ZH
<i>Country</i>	United Kingdom
<i>Contact telephone</i>	+44 (0)23 8059 8467
<i>Contact email address</i>	<a href="mailto:thomas.dhoop@noc.soton.ac.uk">thomas.dhoop@noc.soton.ac.uk</a>

### Data Quality

<i>Attribute accuracy value</i>	Wave height 3%, wave direction 1.5 degrees, sea surface temperature 0.2 degrees Celsius
<i>Attribute accuracy explanation</i>	Specification of manufacturer
<i>Logical consistency report</i>	Complete
<i>Completeness report</i>	Complete
<i>Has data been processed?</i>	Quality control checks

### Distribution Information

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<i>County</i>	North Yorkshire
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<i>Contact email address</i>	<a href="mailto:stewart.rowe@scarborough.gov.uk">stewart.rowe@scarborough.gov.uk</a>
<i>Format name</i>	ASCII txt
<i>Format content</i>	Tabular time series statistics
<i>Fees</i>	Data available free of charge
<i>Ordering instructions</i>	Download data on-line