

Sensors Metadata

General information

Identification	ID	
	long name	WeatherStation Instrument 150WX
	short name	150WX
	manufacturer	Airmar
	model	150WX
	serial number	2727228
Classification	application	The Weather Station informs of instantaneous changes in the weather. The Wind Speed and Direction are measured using four ultrasonic transducers. The WAAS GPS generates navigation data
	type	
	observation measurements	Direction and speed of real and apparent wind, atmospheric pressure, air temperature, three-axis compass, wind chill
Description	name	The Weather Station informs of instantaneous changes in the weather. The Wind Speed and Direction are measured using four ultrasonic transducers. The WAAS GPS generates navigation data
	keywords	Sensor, Temperature, Pressure
	text description	WeatherStation 150WX

Constrains

Security	text	
Time Range	start	04/06/2013
	end	No end date
Legislative framework	rights, description	Data ownership: UPC-SARTI
	URL document	https://obsea.es/mdSensors/Documentos/Plantilla_acord_confidencialitat_dades_UPC_SARTI.pdf

Properties

Characteristics	physical properties	No moving parts make it durable and reliable
	memory	
	battery	
	URL document	
Capabilities	text description	https://obsea.es/mdSensors/Datasheet/Datasheet_Meteo_Boia_v2.pdf
	resolution, ranges	Wind Speed Range (0 knots to 78 knots), Wind Speed Resolution (0.1 knots), Wind Direction Range (0° to 360°), Wind Direction Resolution (0.1°), Pitch and Roll Range/Accuracy (±50° / <1°), Air Temperature Range (-25°C to 55°C), Air Temperature Resolution (0.1°C), Air Temperature Accuracy (±1°C), Barometric Pressure Range (300 mbar to 1100 mbar), Barometric Pressure Resolution (0.1 mbar), Barometric Pressure Accuracy (±1 mbar), GPS Position Accuracy (3 m)
	quality	
	URL capabilities	https://www.emodnet-physics.eu/Map/platinfo/piroosplot.aspx?platformid=8805

References

Contact	data provider	UPC SARTI, Centre Tecnològic de Vilanova i la Geltrú Rambla Exposició 24 Edifici, C - 08800 Vilanova i la Geltrú (Barcelona)
Documentation	URL document	http://www.cdsarti.org/

History

Installation	Dates, operator	Installed in OBSEA on 04/06/2013
Calibration	Dates, report	

Components

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Location

	postal address	
	latitude	41°10'53.77"N
	longitude	1°45'6.33"E
	height	Height above street level: 3 metros

Geographic coverage

Geographic coverage	bounding box	
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Data access

Address	URL	Web Interface: https://obsea.es/
		Emodnet Server: https://www.emodnet-physics.eu/Map/platinfo/piroosplot.aspx?platformid=8805
Constrains	description (text)	

