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Metadata Portal

HI'IALAKAI

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time

Designator		Date Valid	
YMD		01/21/2007 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Observation Type
time	YYYYMMDD UTC	60	measured

time

Designator		Date Valid	
HMS		01/21/2007 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Observation Type
time	hhmmss UTC	60	measured

latitude

Designator		Date Valid	
LAT		01/21/2007 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
latitude	degrees (+N)		

Observation Type	Average Method	Averaging Time Center	Average Length
measured	average	time at end of period	60
Sampling Rate	Data Precision		
1			

longitude

Designator		Date Valid	
LON		01/21/2007 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
longitude	degrees (-W/+E)		
Observation Type	Average Method	Averaging Time Center	Average Length
measured	average	time at end of period	60
Sampling Rate	Data Precision		
1			

platform heading

Designator		Date Valid	
GYRO		01/21/2007 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
platform heading	degrees (clockwise towards true north)		
Observation Type	Average Method	Averaging Time Center	Average Length
calculated	average	time at end of period	60
Sampling Rate	Data Precision		
1			

platform course

Designator		Date Valid	
COG		01/21/2007 to Today	

Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
platform course	degrees (clockwise towards true north)		
Observation Type	Average Method	Averaging Time Center	Average Length
calculated	average	time at end of period	60
Sampling Rate	Data Precision		
1			

 earth relative wind direction

Designator		Date Valid	
TWDIR		01/07/2011 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Instrument Make & Model
earth relative wind direction	degrees (clockwise from true north)		RM Young 05103
Observation Type	Distance from Bow	Distance from Center Line	Height
calculated			
Average Method	Averaging Time Center	Average Length	Sampling Rate
average	time at end of period	60	1
Data Precision	Wind Direction Convention		
	meteorological		

 platform relative wind direction

Designator		Date Valid	
RWDIR		01/07/2011 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Instrument Make & Model
platform relative wind direction	degrees (clockwise from bow)		RM Young 05103
Last Calibration	Anemometer Zero Reference	Observation Type	Distance from Bow
20110107		measured	

Distance from Center Line	Height	Average Method	Averaging Time Center
		average	time at end of period
Average Length	Sampling Rate	Data Precision	Wind Direction Convention
60	1		meteorological

 platform speed over ground

Designator		Date Valid	
SOG		01/21/2007 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
platform speed over ground	knot		
Observation Type	Average Method	Averaging Time Center	Average Length
calculated	average	time at end of period	60
Sampling Rate	Data Precision		
1			

 earth relative wind speed

Designator		Date Valid	
TWSPD		01/07/2011 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Instrument Make & Model
earth relative wind speed	knot		RM Young 05103
Observation Type	Distance from Bow	Distance from Center Line	Height
calculated			
Average Method	Averaging Time Center	Average Length	Sampling Rate
average	time at end of period	60	1
Data Precision			

 platform relative wind speed

Designator		Date Valid	
RWSPD		01/07/2011 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Instrument Make & Model
platform relative wind speed	knot		RM Young 05103
Last Calibration	Observation Type	Distance from Bow	Distance from Center Line
20110107	calculated		
Height	Average Method	Averaging Time Center	Average Length
	average	time at end of period	60
Sampling Rate	Data Precision		
1			

 atmospheric pressure

Designator		Date Valid	
BARO		04/25/2013 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
atmospheric pressure	hectopascal		
Mean SLP Indicator	Observation Type	Distance from Bow	Distance from Center Line
at sensor height	measured	13.7	0
Height	Average Method	Averaging Time Center	Average Length
13.4	unknown	unknown	60
Sampling Rate	Data Precision		
1			

 atmospheric pressure 2

Designator		Date Valid	
V_Baro		07/21/2011 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration

atmospheric pressure 2	millibar	Vaisala PTB 330 digital barometer	20110418
Mean SLP Indicator	Observation Type	Distance from Bow	Distance from Center Line
unknown	measured		
Height	Average Method	Averaging Time Center	Average Length
	unknown	unknown	
Sampling Rate	Data Precision		

 air temperature

Designator		Date Valid	
ATEMP		02/01/2011 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
air temperature	celsius	RM Young 41372 VC	20110107
Observation Type	Distance from Bow	Distance from Center Line	Height
measured	13.7	0	13.4
Average Method	Averaging Time Center	Average Length	Sampling Rate
average	time at end of period	60	1
Data Precision			

 relative humidity

Designator		Date Valid	
RELH		02/01/2011 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
relative humidity	percent	RM Young 41372 VC	20110107
Observation Type	Distance from Bow	Distance from Center Line	Height
measured	13.7	0	13.4

Average Method	Averaging Time Center	Average Length	Sampling Rate
average	time at end of period	60	1
Data Precision			

 sea temperature

Designator		Date Valid	
TSGWT		01/21/2007 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
sea temperature	celsius		
TS Sensor Category	Observation Type	Distance from Bow	Distance from Center Line
12	measured		
Height	Average Method	Averaging Time Center	Average Length
	average	time at end of period	60
Sampling Rate	Data Precision		
1			

 salinity

Designator		Date Valid	
TSGS		01/01/2010 to Today	
Descriptive Name	Original Units	Data Reporting Interval	Instrument Make & Model
salinity	PSU	60	
Last Calibration	Observation Type	Distance from Bow	Distance from Center Line
	calculated		
Height	Average Method	Averaging Time Center	Average Length
	average	time at end of period	60
Sampling Rate	Data Precision		
0.1			

conductivity			
Designator		Date Valid	
TSGC		03/28/2010 to Today	
Descriptive Name	Original Units	Instrument Make & Model	Last Calibration
conductivity	siemens meter-1		
Observation Type	Distance from Bow	Distance from Center Line	Height
unknown			
Average Method	Averaging Time Center	Average Length	Sampling Rate
average	unknown	60	
Data Precision			