

Epic Key	Symbol	Description
1202	AGC_1202	average echo intensity (counts)
21	AT_21	air temperature (°C)
915	BP_915	barometric pressure (mbar)
51	C_51	conductivity (S/m)
310	CD_310	current direction (degrees)
300	CS_300	current speed (cm/s)
3	depth	depth (m)
18	hght_18	sea surface height (m)
500	lat	latitude (degrees north)
502	lon	longitude (degrees east)
4	P_4	pressure (pa)
4023	P_4023	average burst pressure (mbar)
850	SDP_850	Std. Dev. Pressure (mbar)
1203	PGd_1203	percent good pings (counts)
40	S_40	salinity (ppt)
71	STH_71	sigma-theta (kg/m ³)
20	T_20	temperature (°C)
25	T_25	sea surface temperature (°C)
28	T_28	temperature ITS_1990 Standard (°C)
1211	Tx_1211	transducer temperature (°C)
	time	time (true Julian day)
	time2	time (milliseconds since 0:00 GMT)
1205	u_1205	eastward current velocity component (cm/s)
	u_1205min	minimum eastward current velocity component (cm/s)
	u_1205max	maximum eastward current velocity component (cm/s)
4097	USTD_4097	Std. Dev. of eastward current velocity component (cm/s)
	ResU	Mean resolution velocity eastward (cm/s)
	u_dmean	Ratio of means for burst after points QA/QC'd
	u_dvar	Ratio of variances for burst after points QA/QC'd
1206	v_1206	northward current velocity component (cm/s)
	v_1206min	minimum northward current velocity component (cm/s)
	v_1206max	maximum northward current velocity component (cm/s)
4098	VSTD_4098	Std. Dev. of northward current velocity component (cm/s)
	ResV	Mean resolution velocity northward (cm/s)
	v_dmean	Ratio of means for burst after points QA/QC'd
	v_dvar	Ratio of variances for burst after points QA/QC'd
1204	w_1204	vertical current velocity component (cm/s)
	w_1204min	minimum vertical current velocity component (cm/s)
	w_1204max	maximum vertical current velocity component (cm/s)
4099	WSTD_4099	Std. Dev. of vertical current velocity component (cm/s)
	ResW	Mean resolution velocity vertical (cm/s)
	w_dmean	Ratio of means for burst after points QA/QC'd
	w_dvar	Ratio of variances for burst after points QA/QC'd
412	WD_412	wind direction meteorological convention (degrees true)
402	WG_402	wind gust (m/s)
401	WS_401	wind speed (m/s)
422	WU_422	eastward wind velocity component (cm/s)
423	WV_423	westward wind velocity component (cm/s)
1201	Werr_1201	error velocity (cm/s)
	brange	Sensor range to boundary (m)
	vrange	Volume range to boundary (m)
1215	Hdg_1215	Median INST Heading (degrees)
1216	Ptch_1216	Median INST Pitch (degrees)
1217	Roll_1217	Median INST Roll (degrees)
1218	HSD_1218	INST Heading Std. Dev. (degrees)
1219	PSD_1219	INST Pitch Std. Dev. (degrees)
1220	RSD_1220	INST Roll Std. Dev. (degrees)
981	Sed*_981	Sediment concentration (g/l)
56	NEP*_56	Backscatter intensity (nephylometer)
	adv_nbad	Count of bad velocity points in burst
4061	wh_4061	significant wave height (m)
4060	wp_4060	mean wave period (s)
4063	dwp_4063	dominant wave period (s)
4062	wd_4062	mean wave direction (degrees true)
	wh_max	maximum wave height (m)
	wp_peak	peak wave period (s)
	wvdir	peak wave direction (degrees true)
	freq	frequency (Hz)
	dspec	directional wave energy spectrum (mm ² /Hz/degree)
	pspec	pressure-derived non-directional wave energy spectrum (mm/Hz ^{1/2})
	sspec	surface-derived non-directional wave energy spectrum (mm/Hz ^{1/2})
	vspec	velocity-derived non-directional wave energy spectrum (mm/Hz ^{1/2})
922	VIS_922	visibility (miles)
951	DP_951	dew point (°C)
	burst	burst number (counts)
	r	distance from ABS sensor head (m)
	pctile	percentiles calculated with ABS data
	abs_trans*	ABS transducer amplitude (ABS units)
	abs_trans*_mean	mean ABS transducer amplitude (ABS units)
	abs_trans*_mean_sq	mean squared ABS transducer amplitude (ABS units ²)
	abs_trans*_std	standard deviation ABS transducer amplitude (ABS units)
	abs_trans*_std_sq	standard deviation squared ABS transducer amplitude (ABS units ²)
	abs_trans*_pctl	ABS percentiles (ABS units)
	abs_trans*_pctl_sq	ABS percentiles squared (ABS units ²)
	flow	Average daily river discharge (m ³ /s)
	xcoord	Distance from sonar in the x-direction (m)
	ycoord	Distance from sonar in the y-direction (m)
	sonar_image	Imagenex Sonar Image