

Real-time access for drifting buoy data – All drifters for the past 90 days

To download real-time data from drifting buoys for the past 90 days, visit the [GDP Real Time Graphs and Data webpage](#) and click on the first link under “Download Data”. The drifter data will be downloaded in comma separated format (.csv) and will contain the following information:

Column 1: WMO Number - (Format Output = #####)

Column 2: Platform Type (in this case, Drifting Buoys)

Column 3: Date and Time(UTC) - (Format Output = YYYY-MM-DDThh:mm:ssZ)

Column 4: Latitude (-90 to 90) - (Format Output = DD.MMMM)

Column 5: Longitude (-180 to 180) - (Format Output = DDD.MMMM)

Column 6: SST (°C) - (Format Output = XX.XX)

Column 7: SLP (hPa) - (Format Output = XXXX.X)

Column 8: Longitude (0 to 360) - (format Output = DDD.MMMM)

Sample Output when opening .csv file in .xlsm:

	A	B	C	D	E	F	G	H	I
1	platform_code	platform_type	time	latitude	longitude	sst	slp	lon360	
2			UTC	degrees_north	degrees_east	Deg C	hPa	degree_east	
3	1101504	DRIFTING BUOYS (GENERIC)	2017-06-12T06:02:00Z	8.8366	55.953	28.44	NaN	55.953	
4	1101504	DRIFTING BUOYS (GENERIC)	2017-06-12T07:00:00Z	8.839	55.955	28.45	NaN	55.955	
5	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T06:02:00Z	8.9062	56.0236	28.41	NaN	56.0236	
6	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T07:00:00Z	8.9132	56.0268	28.41	NaN	56.0268	
7	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T08:00:00Z	8.9206	56.0306	28.42	NaN	56.0306	
8	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T09:00:00Z	8.9262	56.036	28.42	NaN	56.036	
9	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T13:04:00Z	8.9292	56.0588	28.43	NaN	56.0588	
10	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T14:00:00Z	8.9278	56.0628	28.39	NaN	56.0628	
11	1101504	DRIFTING BUOYS (GENERIC)	2017-06-13T15:00:00Z	8.9298	56.0678	28.37	NaN	56.0678	
12	1101504	DRIFTING BUOYS (GENERIC)	2017-06-14T19:02:00Z	8.9304	56.2654	28.37	NaN	56.2654	
13	1101504	DRIFTING BUOYS (GENERIC)	2017-06-14T20:00:00Z	8.931	56.2738	28.37	NaN	56.2738	
14	1101504	DRIFTING BUOYS (GENERIC)	2017-06-14T21:00:00Z	8.9316	56.2836	28.37	NaN	56.2836	
15	1101504	DRIFTING BUOYS (GENERIC)	2017-06-15T08:03:00Z	8.9258	56.3706	28.52	NaN	56.3706	
16	1101504	DRIFTING BUOYS (GENERIC)	2017-06-15T19:00:00Z	8.9346	56.4552	28.49	NaN	56.4552	
17	1101504	DRIFTING BUOYS (GENERIC)	2017-06-15T20:00:00Z	8.9364	56.463	28.47	NaN	56.463	
18	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T11:00:00Z	8.9706	56.5626	28.48	NaN	56.5626	
19	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T12:00:00Z	8.9748	56.5758	28.47	NaN	56.5758	
20	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T13:00:00Z	8.979	56.5906	28.44	NaN	56.5906	
21	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T14:00:00Z	8.9824	56.6064	28.42	NaN	56.6064	
22	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T17:00:00Z	8.9908	56.652	28.38	NaN	56.652	
23	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T18:00:00Z	8.991	56.666	28.37	NaN	56.666	
24	1101504	DRIFTING BUOYS (GENERIC)	2017-06-16T20:00:00Z	8.9954	56.6938	28.36	NaN	56.6938	
25	1101504	DRIFTING BUOYS (GENERIC)	2017-06-18T13:00:00Z	8.7476	57.3518	28.43	NaN	57.3518	