

Table 1:

ADCP deployment details at the locations. The temporal resolution is 1 hour, bin size(vertical resolution) 4 m. All

ADCPs are operated at 153.3 kHz. The moorings are at a water column depth of 950m -1200m on the continental

slope and are serviced on yearly basis according to ship availability.

Station	Date		Depth		Er values				Kc Values			
	Deployment	Recovery	Ocean	ADCP	Beam 1	Beam 2	Beam 3	Beam 4	Beam 1	Beam 2	Beam 3	Beam 4
Okha	01/10/2018	01/12/2019	996	118	37	37	37	36	0.42	0.44	0.42	0.43
	01/12/2019	04/12/2020	1166	312	39	36	38	36	0.42	0.44	0.42	0.43
	04/12/2020	08/03/2022	1021	144	41	37	38	37	0.42	0.44	0.42	0.43
	08/03/2022	01/01/2023	1019	142	37	38	39	36	0.42	0.44	0.42	0.43
Mumbai	09/11/2017	29/09/2018	1025	150	36	34	39	42	0.4	0.4	0.4	0.4
	29/09/2018	29/11/2019	1122	125	35	36	39	42	0.4	0.4	0.4	0.4
	29/11/2019	02/12/2020	1143	164	37	34	39	43	0.4	0.4	0.4	0.4
	02/12/2020	06/03/2022	1125	142	36	34	39	42	0.4	0.4	0.4	0.4
	07/03/2022	02/01/2023	1103	158	37	34	40	43	0.4	0.4	0.4	0.4
Jaigarh	27/10/2017	27/09/2018	1039	198	32	35	33	32	0.45	0.45	0.45	0.45
	27/09/2018	30/10/2019	1032	164	32	35	33	31	0.45	0.45	0.45	0.45
	03/11/2019	30/11/2020	1142	264	32	36	33	32	0.45	0.45	0.45	0.45
	30/11/2020	05/03/2022	1099	119	33	36	34	32	0.45	0.45	0.45	0.45
	03/04/2022	26/06/2022	1120	136	68	71	69	66	0.45	0.45	0.45	0.45
Goa	03/10/2017	25/09/2018	1000	174	35	37	34	35	0.44	0.44	0.4	0.41
	25/09/2018	16/10/2019	969	145	38	36	36	34	0.44	0.44	0.4	0.41
	16/10/2019	29/11/2020	966	143	44	38	36	43	0.44	0.44	0.4	0.41
	29/11/2020	03/03/2022	985	157	35	40	35	38	0.44	0.44	0.4	0.41
	03/03/2022	05/01/2023	984	159	35	38	35	34	0.44	0.44	0.4	0.41
Udupi	05/10/2017	06/10/2018	1028	176	44	46	29	35	0.45	0.45	0.45	0.45
	06/10/2018	18/10/2019	1027	179	32	38	30	36	0.45	0.45	0.45	0.45
	18/10/2019	11/12/2020	1018	168	33	37	31	38	0.45	0.45	0.45	0.45
	11/03/2022	06/01/2023	1036	155	31	32	32	33	0.45	0.45	0.45	0.45
Kollam	07/10/2017	08/10/2018	1174	200	43	55	45	43	0.49	0.5	0.49	0.5
	08/10/2018	20/10/2019	1160	123	49	62	46	46	0.49	0.5	0.49	0.5
	20/10/2019	13/12/2020	1209	176	52	61	54	55	0.49	0.5	0.49	0.5
	13/12/2020	13/03/2022	1129	91	49	51	46	47	0.49	0.5	0.49	0.5
	13/03/2022	08/01/2023	1149	164	41	48	43	41	0.49	0.5	0.49	0.5
Kanyakumari	08/10/2017	10/10/2018	1055	181	32	34	38	35	0.45	0.45	0.45	0.45
	10/10/2018	22/10/2019	1075	180	36	34	39	36	0.45	0.45	0.45	0.45
	22/10/2019	14/12/2020	1060	167	33	35	36	35	0.45	0.45	0.45	0.45
	14/12/2020	14/03/2022	1184	287	34	36	36	35	0.45	0.45	0.45	0.45
	14/03/2022	10/01/2023	1069	172	33	36	42	36	0.45	0.45	0.45	0.45