

BÁO CÁO THÔNG SỐ TRẠM QUAN TRẮC TỰ ĐỘNG

Ngày	Giờ	COD (Trạm 1)	pH (Trạm 1)	TSS (Trạm 1) mg/l	NH4 (Trạm 1) mg/l	NO3 (Trạm 1)	TN (Trạm 1) mg/l	Temp (Trạm 1)	Flow out (Trạm 1)	Flow in (Trạm 1) m3/h
01/05/2025	00:00	7.68	6.86	11.44	0.85	10.79	11.65	31.5	1.67	123.46
01/05/2025	00:30	7.72	6.9	7.86	0.85	10.79	11.65	31.4	1.72	123.46
01/05/2025	01:00	7.71	6.93	10.93	0.85	10.79	11.65	31.4	0.69	123.46
01/05/2025	01:30	7.67	6.96	11.44	0.85	10.79	11.65	31.2	0.06	123.46
01/05/2025	02:00	7.72	6.99	9.04	0.85	10.79	11.65	31.2	0	123.46
01/05/2025	02:30	7.72	7.02	9.89	0.85	10.79	11.65	31.1	0	123.46
01/05/2025	03:00	7.71	7.04	14.39	0.85	10.79	11.65	31	0	123.46
01/05/2025	03:30	7.71	7.06	11.34	0.85	10.79	11.65	31	0	123.46
01/05/2025	04:00	7.7	7.08	16.8	0.85	10.79	11.65	30.9	0	123.46
01/05/2025	04:30	7.72	7.08	13.74	0.85	10.79	11.65	30.8	0	123.46
01/05/2025	05:00	7.74	7.1	17.54	0.85	10.79	11.65	30.8	0	123.46
01/05/2025	05:30	7.74	7.11	9.51	0.85	10.79	11.65	30.7	0	123.46
01/05/2025	06:00	7.74	6.6	15.97	1.22	10.5	11.73	31.3	104.61	123.46
01/05/2025	06:30	7.67	6.61	7.72	1.22	10.5	11.73	31.2	244.72	123.46
01/05/2025	07:00	7.62	6.7	7.62	1.22	10.5	11.73	31.4	212.92	123.46
01/05/2025	07:30	7.47	6.6	7.57	1.22	10.5	11.73	31.5	232.39	123.46
01/05/2025	08:00	7.48	6.6	8	1.22	10.5	11.73	31.6	112.03	123.46
01/05/2025	08:30	7.48	6.6	7.53	1.22	10.5	11.73	31.6	28.43	123.46
01/05/2025	09:00	7.5	6.6	7.63	1.22	10.5	11.73	31.6	6.78	123.46
01/05/2025	09:30	7.47	6.65	7.79	1.22	10.5	11.73	31.7	1.01	123.46
01/05/2025	10:00	7.51	6.7	7.58	1.22	10.5	11.73	31.7	0.59	123.46
01/05/2025	10:30	7.5	6.75	7.92	1.22	10.5	11.73	31.7	0.59	123.46
01/05/2025	11:00	7.5	6.81	7.64	1.22	10.5	11.73	31.9	0.08	123.46
01/05/2025	11:30	7.5	6.86	7.93	1.22	10.5	11.73	32.3	0	123.46
01/05/2025	12:00	7.57	6.93	7.74	0.68	10.61	11.28	32.3	0	123.46
01/05/2025	12:30	7.57	6.98	7.68	0.68	10.61	11.28	32.6	0	123.46
01/05/2025	13:00	7.57	7.03	7.64	0.68	10.61	11.28	32.4	0	123.46
01/05/2025	13:30	7.55	7.07	7.69	0.68	10.61	11.28	32.4	0	123.46
01/05/2025	14:00	7.55	7.1	7.63	0.68	10.61	11.28	32.7	0	123.46
01/05/2025	14:30	7.58	7.15	7.7	0.68	10.61	11.28	32.4	0	123.46

01/05/2025	15:00	7.57	7.17	16.02	0.68	10.61	11.28	32.5	0	123.46
01/05/2025	15:30	7.58	7.2	15.13	0.68	10.61	11.28	32.4	0	123.46
01/05/2025	16:00	7.64	7.21	7.88	0.68	10.61	11.28	32.3	0	123.46
01/05/2025	16:30	7.65	6.78	7.67	0.68	10.61	11.28	32.3	283.69	123.46
01/05/2025	17:00	7.55	6.63	7.66	0.68	10.61	11.28	32.3	194.91	123.46
01/05/2025	17:30	7.57	6.6	7.91	0.68	10.61	11.28	32.3	228.54	123.46
01/05/2025	18:00	7.36	6.61	7.84	0.81	11.33	12.14	32.3	213.73	123.46
01/05/2025	18:30	7.36	6.6	7.85	0.81	11.33	12.14	32.2	114.48	123.46
01/05/2025	19:00	7.43	6.6	7.92	0.81	11.33	12.14	32.1	56.68	123.46
01/05/2025	19:30	7.42	6.6	7.73	0.81	11.33	12.14	32.1	39.77	123.46
01/05/2025	20:00	7.42	6.6	7.61	0.81	11.33	12.14	32.1	21.02	123.46
01/05/2025	20:30	7.39	6.6	7.6	0.81	11.33	12.14	32	14.91	123.46
01/05/2025	21:00	7.37	6.6	7.67	0.81	11.33	12.14	32	11.35	123.46
01/05/2025	21:30	7.4	6.62	7.62	0.81	11.33	12.14	31.9	9.15	123.46
01/05/2025	22:00	7.4	6.63	7.54	0.81	11.33	12.14	31.9	7.48	123.46
01/05/2025	22:30	7.35	6.65	23.02	0.81	11.33	12.14	31.8	5.68	123.46
01/05/2025	23:00	7.37	6.68	7.67	0.81	11.33	12.14	31.8	4.04	123.46
01/05/2025	23:30	7.37	6.71	13	0.81	11.33	12.14	31.7	3.14	123.46
02/05/2025	00:00	7.42	6.74	7.88	0.99	10.58	11.57	31.6	2.47	123.46
02/05/2025	00:30	7.42	6.77	9.14	0.99	10.58	11.57	31.5	1.88	123.46
02/05/2025	01:00	7.37	6.8	9.67	0.99	10.58	11.57	31.4	1.42	123.46
02/05/2025	01:30	7.39	6.83	7.7	0.99	10.58	11.57	31.4	0.95	123.46
02/05/2025	02:00	7.39	6.85	7.69	0.99	10.58	11.57	31.3	1.6	123.46
02/05/2025	02:30	7.42	6.87	15.91	0.99	10.58	11.57	31.2	1.2	123.46
02/05/2025	03:00	7.4	6.89	9.37	0.99	10.58	11.57	31.2	0.64	123.46
02/05/2025	03:30	7.37	6.9	8.77	0.99	10.58	11.57	31.1	0.88	123.46
02/05/2025	04:00	7.37	6.92	7.79	0.99	10.58	11.57	31	0.27	123.46
02/05/2025	04:30	7.36	6.93	10.52	0.99	10.58	11.57	31	0.27	123.46
02/05/2025	05:00	7.37	6.94	7.71	0.99	10.58	11.57	30.8	0.37	123.46
02/05/2025	05:30	7.36	6.95	12.52	0.99	10.58	11.57	30.8	0.08	123.46
02/05/2025	06:00	7.37	6.95	13.92	1.58	10.49	12.07	30.8	0.06	123.46
02/05/2025	06:30	7.37	6.96	15.17	1.58	10.49	12.07	30.7	0	123.46
02/05/2025	07:00	7.42	6.97	16.57	1.58	10.49	12.07	30.7	0	123.46
02/05/2025	07:30	7.42	6.98	14.32	1.58	10.49	12.07	30.6	0	123.46

02/05/2025	08:00	7.37	6.99	8.7	1.58	10.49	12.07	30.7	0	123.46
02/05/2025	08:30	7.44	7.02	8.72	1.58	10.49	12.07	30.7	0	123.46
02/05/2025	09:00	7.46	7.04	7.6	1.58	10.49	12.07	30.7	0	123.46
02/05/2025	09:30	7.46	7.08	9.65	1.58	10.49	12.07	30.8	0	123.46
02/05/2025	10:00	7.46	6.68	7.86	1.58	10.49	12.07	31.5	207.03	123.46
02/05/2025	10:30	7.36	6.6	7.91	1.58	10.49	12.07	32	212.57	123.46
02/05/2025	11:00	7.07	6.6	7.72	1.58	10.49	12.07	32.3	145.98	123.46
02/05/2025	11:30	7.01	6.6	7.79	1.58	10.49	12.07	32.2	95.39	123.46
02/05/2025	12:00	7.01	6.61	7.64	0.44	10.61	11.05	32.3	95.59	123.46
02/05/2025	12:30	6.86	6.7	7.8	0.44	10.61	11.05	32.4	6.97	123.46
02/05/2025	13:00	6.86	6.76	7.69	0.44	10.61	11.05	32.4	1.81	123.46
02/05/2025	13:30	6.86	6.8	7.65	0.44	10.61	11.05	32.3	0	123.46
02/05/2025	14:00	6.86	6.85	29.52	0.44	10.61	11.05	32.2	0	123.46
02/05/2025	14:30	6.84	6.89	27.99	0.44	10.61	11.05	32.2	0	123.46
02/05/2025	15:00	6.83	6.94	10.4	0.44	10.61	11.05	32.1	0	123.46
02/05/2025	15:30	6.83	6.97	11.53	0.44	10.61	11.05	32	0	123.46
02/05/2025	16:00	6.8	6.99	7.71	0.44	10.61	11.05	32.1	0	123.46
02/05/2025	16:30	6.8	7.02	10.67	0.44	10.61	11.05	31.9	0	123.46
02/05/2025	17:00	6.82	7.04	24.42	0.44	10.61	11.05	31.8	0	123.46
02/05/2025	17:30	6.86	7.06	14.36	0.44	10.61	11.05	31.7	0	123.46
02/05/2025	18:00	6.84	7.08	10.8	1.06	10.57	11.63	31.7	0	123.46
02/05/2025	18:30	6.88	7.09	10.14	1.06	10.57	11.63	31.5	0	123.46
02/05/2025	19:00	6.87	6.98	7.62	1.06	10.57	11.63	31.5	4.91	123.46
02/05/2025	19:30	6.84	6.99	7.61	1.06	10.57	11.63	31.5	0.1	123.46
02/05/2025	20:00	6.88	7.01	7.72	1.06	10.57	11.63	31.4	0	123.46
02/05/2025	20:30	6.87	7.03	10.21	1.06	10.57	11.63	31.4	0	123.46
02/05/2025	21:00	6.83	7.04	10.15	1.06	10.57	11.63	31.3	0	123.46
02/05/2025	21:30	6.84	7.06	15.15	1.06	10.57	11.63	31.2	0	123.46
02/05/2025	22:00	6.82	7.07	12.19	1.06	10.57	11.63	31.2	0	123.46
02/05/2025	22:30	6.76	6.8	7.61	1.06	10.57	11.63	31.5	158.42	123.46
02/05/2025	23:00	6.76	6.75	7.65	1.06	10.57	11.63	31.8	230	123.46
02/05/2025	23:30	6.76	6.6	7.6	1.06	10.57	11.63	31.6	212.45	123.46
03/05/2025	00:00	6.76	6.6	7.7	0.53	10.72	11.25	31.6	241.76	123.46
03/05/2025	00:30	6.86	6.6	7.59	0.53	10.72	11.25	31.6	158.49	123.46

03/05/2025	01:00	6.91	6.6	7.73	0.53	10.72	11.25	31.5	74.2	123.46
03/05/2025	01:30	6.88	6.6	7.95	0.53	10.72	11.25	31.5	28.65	123.46
03/05/2025	02:00	6.9	6.6	21.48	0.53	10.72	11.25	31.4	7.22	123.46
03/05/2025	02:30	6.87	6.6	7.79	0.53	10.72	11.25	31.4	4.63	123.46
03/05/2025	03:00	6.88	6.6	7.81	0.53	10.72	11.25	31.3	3.7	123.46
03/05/2025	03:30	6.88	6.6	29.02	0.53	10.72	11.25	31.2	2.65	123.46
03/05/2025	04:00	6.91	6.6	11.59	0.53	10.72	11.25	31.2	2.37	123.46
03/05/2025	04:30	6.9	6.64	17.33	0.53	10.72	11.25	31.1	2.11	123.46
03/05/2025	05:00	6.9	6.68	7.69	0.53	10.72	11.25	31.1	1.88	123.46
03/05/2025	05:30	6.9	6.71	7.66	0.53	10.72	11.25	31	1.81	123.46
03/05/2025	06:00	6.93	6.75	7.93	0.92	10.69	11.61	30.9	1.5	123.46
03/05/2025	06:30	6.94	6.77	8.66	0.92	10.69	11.61	30.9	1.55	123.46
03/05/2025	07:00	6.93	6.79	11.32	0.92	10.69	11.61	30.9	20.53	123.46
03/05/2025	07:30	6.94	6.6	21.32	0.92	10.69	11.61	31.2	27.77	123.46
03/05/2025	08:00	6.94	6.6	7.71	0.92	10.69	11.61	31.2	54.18	123.46
03/05/2025	08:30	6.93	6.6	7.91	0.92	10.69	11.61	31.2	67.97	123.46
03/05/2025	09:00	6.91	6.6	7.95	0.92	10.69	11.61	31.3	7.8	123.46
03/05/2025	09:30	6.87	6.6	7.66	0.92	10.69	11.61	31.4	58.83	123.46
03/05/2025	10:00	6.94	6.6	7.89	0.92	10.69	11.61	31.5	217.51	123.46
03/05/2025	10:30	6.94	6.64	7.64	0.92	10.69	11.61	31.7	296.28	123.46
03/05/2025	11:00	7.3	6.6	7.8	0.92	10.69	11.61	31.9	292	123.46
03/05/2025	11:30	7.32	6.6	7.57	0.92	10.69	11.61	31.9	168.44	123.46
03/05/2025	12:00	7.36	6.6	7.9	0.8	10.86	11.66	31.9	127.58	123.46
03/05/2025	12:30	7.33	6.6	7.6	0.8	10.86	11.66	32	122.59	123.46
03/05/2025	13:00	7.36	6.6	7.79	0.8	10.86	11.66	32	28.97	123.46
03/05/2025	13:30	7.36	6.61	7.98	0.8	10.86	11.66	32.3	4.79	123.46
03/05/2025	14:00	7.36	6.66	7.94	0.8	10.86	11.66	32.1	1.25	123.46
03/05/2025	14:30	7.4	6.7	7.93	0.8	10.86	11.66	32.2	0	123.46
03/05/2025	15:00	7.48	6.75	7.79	0.8	10.86	11.66	32.1	0	123.46
03/05/2025	15:30	7.46	6.79	7.89	0.8	10.86	11.66	32	0	123.46
03/05/2025	16:00	7.46	6.84	7.58	0.8	10.86	11.66	31.7	0.27	123.46
03/05/2025	16:30	7.37	6.86	7.81	0.8	10.86	11.66	31.7	2.01	123.46
03/05/2025	17:00	7.43	6.87	7.97	0.8	10.86	11.66	31.6	2.5	123.46
03/05/2025	17:30	7.42	6.89	24.61	0.8	10.86	11.66	31.6	2.08	123.46

03/05/2025	18:00	7.42	6.92	7.95	1.32	10.91	12.23	31.5	1.06	123.46
03/05/2025	18:30	7.44	6.93	23.07	1.32	10.91	12.23	31.3	1.27	123.46
03/05/2025	19:00	7.36	6.95	10.25	1.32	10.91	12.23	31.2	0.81	123.46
03/05/2025	19:30	7.39	6.96	9.44	1.32	10.91	12.23	31.1	0.93	123.46
03/05/2025	20:00	7.39	6.96	12.06	1.32	10.91	12.23	31.1	1.08	123.46
03/05/2025	20:30	7.39	6.97	20.54	1.32	10.91	12.23	31	0.74	123.46
03/05/2025	21:00	7.42	6.97	18.56	1.32	10.91	12.23	30.8	0.91	123.46
03/05/2025	21:30	7.37	6.97	8.7	1.32	10.91	12.23	30.8	10.37	123.46
03/05/2025	22:00	7.35	6.6	7.92	1.32	10.91	12.23	31.5	144.29	123.46
03/05/2025	22:30	7.42	6.72	7.77	1.32	10.91	12.23	31.5	236.92	123.46
03/05/2025	23:00	7.39	6.6	7.68	1.32	10.91	12.23	31.6	329.25	123.46
03/05/2025	23:30	7.71	6.6	7.74	1.32	10.91	12.23	31.5	238.14	123.46
04/05/2025	00:00	7.72	6.6	8	0.86	10.84	11.69	31.6	113.5	123.46
04/05/2025	00:30	7.75	6.6	7.79	0.86	10.84	11.69	31.5	108.2	123.46
04/05/2025	01:00	7.74	6.6	7.87	0.86	10.84	11.69	31.5	123.87	123.46
04/05/2025	01:30	7.74	6.67	7.83	0.86	10.84	11.69	31.5	15.43	123.46
04/05/2025	02:00	7.64	6.72	7.88	0.86	10.84	11.69	31.3	5.72	123.46
04/05/2025	02:30	7.67	6.76	10.87	0.86	10.84	11.69	31.3	3.42	123.46
04/05/2025	03:00	7.65	6.79	20.03	0.86	10.84	11.69	31.2	2.6	123.46
04/05/2025	03:30	7.67	6.83	10.92	0.86	10.84	11.69	31.1	2.3	123.46
04/05/2025	04:00	7.65	6.86	7.71	0.86	10.84	11.69	31	1.64	123.46
04/05/2025	04:30	7.61	6.89	8	0.86	10.84	11.69	30.9	1.96	123.46
04/05/2025	05:00	7.7	6.92	7.67	0.86	10.84	11.69	30.9	2.11	123.46
04/05/2025	05:30	7.68	6.94	11.38	0.86	10.84	11.69	30.8	0.95	123.46
04/05/2025	06:00	7.68	6.96	27.68	0.6	10.61	11.22	30.7	0.42	123.46
04/05/2025	06:30	7.68	6.98	7.89	0.6	10.61	11.22	30.7	0.44	123.46
04/05/2025	07:00	7.67	7	7.98	0.6	10.61	11.22	30.6	0.06	123.46
04/05/2025	07:30	7.68	7.02	14.31	0.6	10.61	11.22	30.6	0	123.46
04/05/2025	08:00	7.74	7.04	12.88	0.6	10.61	11.22	30.5	0	123.46
04/05/2025	08:30	7.74	7.07	7.67	0.6	10.61	11.22	30.6	0	123.46
04/05/2025	09:00	7.71	7.1	7.84	0.6	10.61	11.22	30.7	0	123.46
04/05/2025	09:30	7.53	7.13	7.69	0.6	10.61	11.22	30.7	0	123.46
04/05/2025	10:00	7.7	6.99	18.1	0.6	10.61	11.22	31	85.59	123.46
04/05/2025	10:30	7.72	6.65	7.65	0.6	10.61	11.22	31.4	234.08	123.46

04/05/2025	11:00	7.72	6.65	7.86	0.6	10.61	11.22	31.7	166.46	123.46
04/05/2025	11:30	7.67	6.6	7.73	0.6	10.61	11.22	31.8	195.27	123.46
04/05/2025	12:00	7.75	6.6	7.71	1.66	10.68	12.35	32	206.56	123.46
04/05/2025	12:30	7.74	6.6	7.72	1.66	10.68	12.35	31.9	135.86	123.46
04/05/2025	13:00	7.75	6.6	7.98	1.66	10.68	12.35	32	121.89	123.46
04/05/2025	13:30	7.67	6.6	7.64	1.66	10.68	12.35	31.8	9.93	123.46
04/05/2025	14:00	7.72	6.6	7.83	1.66	10.68	12.35	31.7	2.55	123.46
04/05/2025	14:30	7.74	6.62	7.63	1.66	10.68	12.35	31.5	2.33	123.46
04/05/2025	15:00	7.7	6.67	8	1.66	10.68	12.35	31.6	1.27	123.46
04/05/2025	15:30	7.71	6.73	7.68	1.66	10.68	12.35	31.6	1.88	123.46
04/05/2025	16:00	7.64	6.77	7.69	1.66	10.68	12.35	31.5	1.5	123.46
04/05/2025	16:30	7.68	6.82	7.66	1.66	10.68	12.35	31.5	1.11	123.46
04/05/2025	17:00	7.71	6.87	7.81	1.66	10.68	12.35	31.4	0	123.46
04/05/2025	17:30	7.68	6.91	16.33	1.66	10.68	12.35	31.3	0.67	123.46
04/05/2025	18:00	7.7	6.94	13.33	0.71	11	11.71	31.3	1.01	123.46
04/05/2025	18:30	7.65	6.68	7.87	0.71	11	11.71	31.5	43.7	123.46
04/05/2025	19:00	7.65	6.62	7.63	0.71	11	11.71	31.5	6.21	123.46
04/05/2025	19:30	7.67	6.65	8	0.71	11	11.71	31.4	4.45	123.46
04/05/2025	20:00	7.64	6.68	7.64	0.71	11	11.71	31.4	3.14	123.46
04/05/2025	20:30	7.61	6.72	17.86	0.71	11	11.71	31.3	3.18	123.46
04/05/2025	21:00	7.64	6.76	13.12	0.71	11	11.71	31.2	2.79	123.46
04/05/2025	21:30	7.64	6.79	7.79	0.71	11	11.71	31.2	1.69	123.46
04/05/2025	22:00	7.65	6.83	11.38	0.71	11	11.71	31	1.5	123.46
04/05/2025	22:30	7.67	6.6	8	0.71	11	11.71	31.3	141.38	123.46
04/05/2025	23:00	7.85	6.6	7.67	0.71	11	11.71	31.2	186.18	123.46
04/05/2025	23:30	8.99	6.67	7.99	0.71	11	11.71	31.2	112.57	123.46
05/05/2025	00:00	7.75	6.65	8	1.2	10.76	11.96	31.2	262.07	123.46
05/05/2025	00:30	7.72	6.64	7.81	1.2	10.76	11.96	31.1	139.19	123.46
05/05/2025	01:00	7.72	6.6	7.74	1.2	10.76	11.96	31.2	113.52	123.46
05/05/2025	01:30	7.61	6.63	7.72	1.2	10.76	11.96	31.1	106.56	123.46
05/05/2025	02:00	7.64	6.74	7.69	1.2	10.76	11.96	31.1	32.29	123.46
05/05/2025	02:30	7.61	6.81	7.68	1.2	10.76	11.96	31.1	6.58	123.46
05/05/2025	03:00	7.62	6.85	7.7	1.2	10.76	11.96	31	4.55	123.46
05/05/2025	03:30	7.57	6.87	7.84	1.2	10.76	11.96	30.9	3.67	123.46

05/05/2025	04:00	7.61	6.9	19.45	1.2	10.76	11.96	30.8	2.47	123.46
05/05/2025	04:30	7.61	6.92	23.54	1.2	10.76	11.96	30.8	2.06	123.46
05/05/2025	05:00	7.53	6.95	7.65	1.2	10.76	11.96	30.7	1.86	123.46
05/05/2025	05:30	7.53	6.97	7.8	1.2	10.76	11.96	30.6	1.69	123.46
05/05/2025	06:00	7.54	6.98	11.74	1.13	10.56	11.69	30.6	1.74	123.46
05/05/2025	06:30	7.59	7	9.95	1.13	10.56	11.69	30.6	1.74	123.46
05/05/2025	07:00	7.58	6.78	7.81	1.13	10.56	11.69	30.8	15.13	123.46
05/05/2025	07:30	7.58	6.8	7.67	1.13	10.56	11.69	30.8	1.52	123.46
05/05/2025	08:00	7.59	6.84	7.67	1.13	10.56	11.69	30.7	0.2	123.46
05/05/2025	08:30	7.61	6.93	15.37	1.13	10.56	11.69	30.7	0	123.46
05/05/2025	09:00	6.24	6.99	7.99	1.13	10.56	11.69	30.8	0	123.46
05/05/2025	09:30	7.3	7.05	7.72	1.13	10.56	11.69	30.9	0	123.46
05/05/2025	10:00	7.3	7.11	7.69	1.13	10.56	11.69	31.1	0	92.7
05/05/2025	10:30	6.58	7.17	7.82	1.13	10.56	11.69	31.2	0	93.74
05/05/2025	11:00	7.48	7.1	7.8	1.13	10.56	11.69	31.2	58.56	95.93
05/05/2025	11:30	7.48	6.86	7.55	1.13	10.56	11.69	31.4	282.18	0
05/05/2025	12:00	7.42	6.76	7.93	0.74	11.25	11.99	31.8	183.22	93.42
05/05/2025	12:30	7.4	6.69	7.85	0.74	11.25	11.99	31.9	99.5	99.32
05/05/2025	13:00	5.81	6.72	7.75	0.74	11.25	11.99	32	219.89	0
05/05/2025	13:30	6.51	6.88	7.79	0.74	11.25	11.99	32.2	158.76	0
05/05/2025	14:00	7.37	6.64	7.62	0.74	11.25	11.99	32.3	18.29	0
05/05/2025	14:30	7.39	6.68	7.7	0.74	11.25	11.99	32.2	1.72	0
05/05/2025	15:00	7.37	6.64	7.95	0.74	11.25	11.99	32.2	85.28	0
05/05/2025	15:30	6.15	6.69	7.74	0.74	11.25	11.99	32.2	85.12	112.29
05/05/2025	16:00	7.27	6.79	7.68	0.74	11.25	11.99	32.1	5.58	109.84
05/05/2025	16:30	7.83	6.84	7.74	0.74	11.25	11.99	32.1	0	108.57
05/05/2025	17:00	7.83	6.88	7.76	0.74	11.25	11.99	32	0	109.33
05/05/2025	17:30	6.65	6.92	7.78	0.74	11.25	11.99	31.9	0	108.23
05/05/2025	18:00	7.4	6.96	7.87	1.47	10.75	12.22	31.7	0.71	108.04
05/05/2025	18:30	7.42	6.99	7.65	1.47	10.75	12.22	31.7	1.35	105.65
05/05/2025	19:00	7.42	7.02	13.89	1.47	10.75	12.22	31.6	1.37	103.71
05/05/2025	19:30	7.42	7.05	7.71	1.47	10.75	12.22	31.5	1.37	102.9
05/05/2025	20:00	6.87	7.07	7.91	1.47	10.75	12.22	31.4	1.52	102.95
05/05/2025	20:30	7.36	7.09	7.65	1.47	10.75	12.22	31.3	0.55	102.06

05/05/2025	21:00	7.96	7.1	7.81	1.47	10.75	12.22	31.3	1.44	100.56
05/05/2025	21:30	7.93	7.12	13.43	1.47	10.75	12.22	31.2	0.47	102.36
05/05/2025	22:00	7.96	7.13	17.22	1.47	10.75	12.22	31.2	0.93	0
05/05/2025	22:30	7.08	6.66	7.79	1.47	10.75	12.22	31.5	254.56	0
05/05/2025	23:00	7.46	6.83	7.67	1.47	10.75	12.22	31.4	280.76	115.05
05/05/2025	23:30	7.16	6.72	7.79	1.47	10.75	12.22	31.5	227.02	0
06/05/2025	00:00	7.18	6.71	7.66	0.62	10.88	11.5	31.5	163.28	0
06/05/2025	00:30	7.47	6.65	7.7	0.62	10.88	11.5	31.5	83.1	0
06/05/2025	01:00	7.21	6.64	7.75	0.62	10.88	11.5	31.4	49.61	0
06/05/2025	01:30	7.22	6.65	7.67	0.62	10.88	11.5	31.4	38.67	0
06/05/2025	02:00	7.7	6.68	7.67	0.62	10.88	11.5	31.4	12.23	113.36
06/05/2025	02:30	7.68	6.71	7.68	0.62	10.88	11.5	31.3	6.36	109.77
06/05/2025	03:00	7.12	6.75	7.64	0.62	10.88	11.5	31.2	4.67	101.55
06/05/2025	03:30	7.79	6.79	7.85	0.62	10.88	11.5	31.2	3.74	100.47
06/05/2025	04:00	7.78	6.83	7.87	0.62	10.88	11.5	31.1	3.11	96.58
06/05/2025	04:30	7.75	6.87	7.72	0.62	10.88	11.5	31	2.6	93.58
06/05/2025	05:00	7.78	6.9	8	0.62	10.88	11.5	31	2.81	94.18
06/05/2025	05:30	7.75	6.93	7.66	0.62	10.88	11.5	30.9	0.44	92.15
06/05/2025	06:00	7.29	6.97	7.94	0.97	11.15	12.12	30.9	0.15	0
06/05/2025	06:30	7.76	6.99	7.68	0.97	11.15	12.12	30.8	12.96	93.25
06/05/2025	07:00	7.78	6.8	7.73	0.97	11.15	12.12	31	4.99	87.94
06/05/2025	07:30	7.51	6.84	7.62	0.97	11.15	12.12	31	0	88.15
06/05/2025	08:00	7.91	6.89	7.69	0.97	11.15	12.12	30.9	0.3	0
06/05/2025	08:30	7.91	6.93	7.81	0.97	11.15	12.12	30.9	0	93.57
06/05/2025	09:00	7.87	6.99	7.7	0.97	11.15	12.12	31	0	96.37
06/05/2025	09:30	7.86	7.05	7.71	0.97	11.15	12.12	31	0	97.97
06/05/2025	10:00	7.78	7.1	7.98	0.97	11.15	12.12	31.2	0	0
06/05/2025	10:30	6.86	7.15	7.73	0.97	11.15	12.12	31.2	0	0
06/05/2025	11:00	7.46	7.2	7.69	0.97	11.15	12.12	31.4	0	0
06/05/2025	11:30	7.46	6.79	7.62	0.97	11.15	12.12	31.6	280.61	0
06/05/2025	12:00	7.48	6.78	7.76	0.5	11	11.51	31.8	225.28	0
06/05/2025	12:30	7.1	6.86	7.68	0.5	11	11.51	31.9	180.29	0
06/05/2025	13:00	7.46	6.94	7.68	0.5	11	11.51	32	96.96	0
06/05/2025	13:30	7.19	6.95	7.59	0.5	11	11.51	32.1	233.03	0

06/05/2025	14:00	7.19	7.04	7.74	0.5	11	11.51	32.1	105.34	0
06/05/2025	14:30	7.1	6.91	7.71	0.5	11	11.51	32.1	97.29	110.58
06/05/2025	15:00	7.27	6.88	7.78	0.5	11	11.51	32.2	30.04	100.98
06/05/2025	15:30	7.26	6.96	7.72	0.5	11	11.51	32.1	1.18	98.51
06/05/2025	16:00	7.62	7	7.8	0.5	11	11.51	32.1	0	96.26
06/05/2025	16:30	7.62	7.05	7.77	0.5	11	11.51	32.1	0	95.79
06/05/2025	17:00	7.61	6.97	7.67	0.5	11	11.51	31.9	61.76	99.53
06/05/2025	17:30	7.55	7.01	7.84	0.5	11	11.51	31.9	0	101.15
06/05/2025	18:00	7.18	7.06	7.75	0.91	11.1	12.01	31.8	0	101.12
06/05/2025	18:30	7.18	7.11	7.72	0.91	11.1	12.01	31.7	0	99.2
06/05/2025	19:00	7.18	7.15	7.77	0.91	11.1	12.01	31.6	0	98.42
06/05/2025	19:30	7.64	7.18	7.77	0.91	11.1	12.01	31.6	0	97.93
06/05/2025	20:00	7.61	7.21	7.78	0.91	11.1	12.01	31.5	0	0
06/05/2025	20:30	7.53	7.23	7.54	0.91	11.1	12.01	31.4	0	0
06/05/2025	21:00	7.51	7.25	7.72	0.91	11.1	12.01	31.4	0	0
06/05/2025	21:30	7.47	7.27	26.82	0.91	11.1	12.01	31.3	0	0
06/05/2025	22:00	7.55	7.28	17.08	0.91	11.1	12.01	31.2	0	0
06/05/2025	22:30	7.54	7.29	7.76	0.91	11.1	12.01	31.2	0	0
06/05/2025	23:00	7.46	7.3	7.78	0.91	11.1	12.01	31.1	0	0
06/05/2025	23:30	7.46	6.95	7.84	0.91	11.1	12.01	31.4	417.76	0
07/05/2025	00:00	7.35	6.77	7.68	1.08	10.79	11.87	31.5	300.26	0
07/05/2025	00:30	7.53	6.7	7.74	1.08	10.79	11.87	31.6	218.66	0
07/05/2025	01:00	6.95	6.7	7.67	1.08	10.79	11.87	31.6	144.44	0
07/05/2025	01:30	6.95	6.7	7.73	1.08	10.79	11.87	31.6	73.64	0
07/05/2025	02:00	6.98	6.72	7.72	1.08	10.79	11.87	31.5	33.07	113.26
07/05/2025	02:30	7.53	6.77	7.73	1.08	10.79	11.87	31.4	5.28	108.4
07/05/2025	03:00	7.43	6.83	7.81	1.08	10.79	11.87	31.4	1.18	105.78
07/05/2025	03:30	7.54	6.88	7.64	1.08	10.79	11.87	31.3	0	103.65
07/05/2025	04:00	7.55	6.94	7.7	1.08	10.79	11.87	31.3	0	101.23
07/05/2025	04:30	7.51	6.98	7.67	1.08	10.79	11.87	31.2	0	99.1
07/05/2025	05:00	7.61	7.02	7.68	1.08	10.79	11.87	31.1	0	97.23
07/05/2025	05:30	7.62	7.04	7.83	1.08	10.79	11.87	31.1	0	92.41
07/05/2025	06:00	7.57	7.07	7.66	1.2	10.96	12.16	31	0	96.66
07/05/2025	06:30	7.58	7.1	7.7	1.2	10.96	12.16	31	0	0

07/05/2025	07:00	7.59	7.13	7.76	1.2	10.96	12.16	30.9	0	94.51
07/05/2025	07:30	7.62	7.15	7.68	1.2	10.96	12.16	30.9	0	92.76
07/05/2025	08:00	7.54	6.71	7.66	1.2	10.96	12.16	31.3	123.79	93.73
07/05/2025	08:30	7.55	6.65	7.69	1.2	10.96	12.16	31.3	35.61	91.39
07/05/2025	09:00	7.54	6.71	8	1.2	10.96	12.16	31.3	0	95.26
07/05/2025	09:30	7.47	6.79	7.74	1.2	10.96	12.16	31.3	0	94.12
07/05/2025	10:00	7.53	6.86	7.8	1.2	10.96	12.16	31.4	0	94.88
07/05/2025	10:30	7.55	6.94	7.7	1.2	10.96	12.16	31.5	0	95.02
07/05/2025	11:00	7.55	6.84	7.73	1.2	10.96	12.16	31.6	65.84	0
07/05/2025	11:30	7.5	6.84	7.85	1.2	10.96	12.16	31.8	215.19	0
07/05/2025	12:00	7.36	7.1	7.73	0.81	10.77	11.58	31.9	278.98	0
07/05/2025	12:30	7.37	6.84	7.74	0.81	10.77	11.58	32.1	312.83	0
07/05/2025	13:00	7.67	6.81	7.63	0.81	10.77	11.58	32.1	146.72	0
07/05/2025	13:30	7.67	6.82	7.7	0.81	10.77	11.58	32.3	114.43	0
07/05/2025	14:00	7.67	6.85	7.64	0.81	10.77	11.58	32.3	122.59	0
07/05/2025	14:30	7.67	6.94	7.68	0.81	10.77	11.58	32.3	8.83	112.18
07/05/2025	15:00	7.71	7	7.8	0.81	10.77	11.58	32.3	0	110.96
07/05/2025	15:30	7.74	7.06	7.67	0.81	10.77	11.58	32.1	0	110.42
07/05/2025	16:00	7.72	7.12	7.79	0.81	10.77	11.58	32.1	0	108.1
07/05/2025	16:30	7.22	7.18	7.64	0.81	10.77	11.58	32	0	106.34
07/05/2025	17:00	7.61	7.1	7.93	0.81	10.77	11.58	31.9	4.79	103.9
07/05/2025	17:30	7.32	7.1	7.7	0.81	10.77	11.58	31.9	1.35	102.8
07/05/2025	18:00	7.3	7.13	7.64	1.24	10.97	12.21	31.8	4.4	102.07
07/05/2025	18:30	7.51	7.13	7.66	1.24	10.97	12.21	31.8	2.96	100.24
07/05/2025	19:00	6.95	7.15	7.7	1.24	10.97	12.21	31.7	2.47	100.09
07/05/2025	19:30	6.93	7.17	7.65	1.24	10.97	12.21	31.6	1.69	0
07/05/2025	20:00	7.72	7.2	8	1.24	10.97	12.21	31.5	1.57	0
07/05/2025	20:30	7.72	7.22	23.32	1.24	10.97	12.21	31.5	2.08	0
07/05/2025	21:00	7.62	7.24	7.72	1.24	10.97	12.21	31.4	1.98	0
07/05/2025	21:30	7.44	7.26	7.7	1.24	10.97	12.21	31.3	1.47	0
07/05/2025	22:00	7.65	7.28	7.99	1.24	10.97	12.21	31.3	1.52	0
07/05/2025	22:30	7.64	7.29	7.71	1.24	10.97	12.21	31.2	0.95	0
07/05/2025	23:00	7.64	6.97	7.91	1.24	10.97	12.21	31.6	167.29	0
07/05/2025	23:30	7.61	6.98	7.7	1.24	10.97	12.21	31.6	471.92	0

08/05/2025	00:00	7.89	6.77	7.68	1.12	10.47	11.59	31.7	262.95	0
08/05/2025	00:30	8.11	6.74	7.81	1.12	10.47	11.59	31.7	243.79	0
08/05/2025	01:00	8.1	6.73	7.96	1.12	10.47	11.59	31.6	116.48	0
08/05/2025	01:30	8.03	6.73	7.66	1.12	10.47	11.59	31.6	109.35	0
08/05/2025	02:00	8.1	6.78	7.72	1.12	10.47	11.59	31.6	123.87	111.94
08/05/2025	02:30	8.08	6.85	7.61	1.12	10.47	11.59	31.6	15.67	108.5
08/05/2025	03:00	7.99	6.9	7.79	1.12	10.47	11.59	31.5	5.92	105.63
08/05/2025	03:30	7.99	6.94	7.86	1.12	10.47	11.59	31.4	4.63	102.45
08/05/2025	04:00	7.99	6.98	7.66	1.12	10.47	11.59	31.4	3.33	101.14
08/05/2025	04:30	7.85	7.02	7.66	1.12	10.47	11.59	31.3	2.93	97.12
08/05/2025	05:00	8.08	7.07	7.8	1.12	10.47	11.59	31.2	2.57	94.83
08/05/2025	05:30	8.08	7.1	7.7	1.12	10.47	11.59	31.2	2.28	0
08/05/2025	06:00	8.08	7.14	7.6	1.24	10.54	11.78	31	1.44	94.54
08/05/2025	06:30	7.99	7.16	7.65	1.24	10.54	11.78	31	1.18	92.33
08/05/2025	07:00	7.64	7.19	7.66	1.24	10.54	11.78	31	0.06	94.75
08/05/2025	07:30	8.1	7.22	7.85	1.24	10.54	11.78	30.9	0	0
08/05/2025	08:00	8.08	7.25	7.68	1.24	10.54	11.78	31	0	102.88
08/05/2025	08:30	8.13	7.61	7.69	1.24	10.54	11.78	31	0	99.8
08/05/2025	09:00	7.72	7.42	7.66	1.24	10.54	11.78	31.1	0	96.46
08/05/2025	09:30	7.72	6.99	7.69	1.24	10.54	11.78	31.2	0	93.05
08/05/2025	10:00	7.04	7.34	7.24	1.08	11.07	12.15	31.2	0	96.09
08/05/2025	10:30	11.76	7	7.18	1.08	11.07	12.15	31.5	93.05	92.47
08/05/2025	11:00	13.78	6.83	7.21	1.08	11.07	12.15	31.8	208.42	97.37
08/05/2025	11:30	14.26	6.81	7.26	0.23	9.73	9.96	32.2	289.21	0
08/05/2025	12:00	14.54	6.82	7.24	0.19	9.68	9.87	32.2	237.09	0
08/05/2025	12:30	14.54	6.7	7.29	0.28	9.66	9.94	32.1	104.48	0
08/05/2025	13:00	14.54	6.7	7.37	0.28	9.66	9.94	32.1	25.2	0
08/05/2025	13:30	14.36	6.77	20.3	0.28	9.66	9.94	31.9	5.01	0
08/05/2025	14:00	14.29	6.81	12.33	0.28	9.66	9.94	31.9	4.89	114.18
08/05/2025	14:30	14.4	6.86	7.22	0.28	9.66	9.94	32.1	2.35	110.34
08/05/2025	15:00	14.43	6.93	7.95	0.28	9.66	9.94	31.9	0.42	106.99
08/05/2025	15:30	14.29	6.99	7.2	0.28	9.66	9.94	31.9	1.52	105.92
08/05/2025	16:00	14.36	7.05	17.65	0.28	9.66	9.94	31.9	0.22	103.34
08/05/2025	16:30	14.34	7.11	10.62	0.28	9.66	9.94	31.8	0	101.96

08/05/2025	17:00	14.36	7.17	11.44	0.28	9.66	9.94	31.8	0	101.05
08/05/2025	17:30	14.38	7.22	12.74	0.28	9.66	9.94	31.7	0	99.35
08/05/2025	18:00	14.31	7.3	11.86	0.28	9.66	9.94	31.6	0	100.27
08/05/2025	18:30	14.43	7.26	10.71	0.17	9.73	9.9	31.5	0	0
08/05/2025	19:00	14.45	7.29	7.87	0.17	9.73	9.9	31.5	0	0
08/05/2025	19:30	14.47	7.31	10.56	0.17	9.73	9.9	31.4	0	0
08/05/2025	20:00	14.45	7.33	10.76	0.17	9.73	9.9	31.3	0	0
08/05/2025	20:30	14.31	7.35	25.86	0.17	9.73	9.9	31.3	0	0
08/05/2025	21:00	14.36	7.36	11.38	0.17	9.73	9.9	31.2	0	0
08/05/2025	21:30	14.38	7.36	10.42	0.17	9.73	9.9	31.2	0	0
08/05/2025	22:00	14.38	7.37	10.45	0.17	9.73	9.9	31.1	0	0
08/05/2025	22:30	14.34	7.37	14.55	0.17	9.73	9.9	31.1	0	0
08/05/2025	23:00	14.29	7.37	10.77	0.17	9.73	9.9	31	0	0
08/05/2025	23:30	14.29	6.83	11.06	0.17	9.73	9.9	31.3	109.42	0
09/05/2025	00:00	14.29	6.77	27.13	0.17	9.73	9.9	31.5	190.24	0
09/05/2025	00:30	14.29	6.79	7.24	0.2	9.71	9.9	31.7	174.45	0
09/05/2025	01:00	13.94	6.73	7.28	0.2	9.71	9.9	31.7	157.22	0
09/05/2025	01:30	13.92	6.72	7.85	0.2	9.71	9.9	31.7	143.85	0
09/05/2025	02:00	13.87	6.73	7.45	0.2	9.71	9.9	31.7	114.67	0
09/05/2025	02:30	13.87	6.75	7.14	0.2	9.71	9.9	31.7	110.67	0
09/05/2025	03:00	13.85	6.76	11.93	0.2	9.71	9.9	31.6	113.99	0
09/05/2025	03:30	13.75	6.78	7.22	0.2	9.71	9.9	31.6	108.44	0
09/05/2025	04:00	13.8	6.8	18.4	0.2	9.71	9.9	31.6	104.29	0
09/05/2025	04:30	13.82	6.83	17.5	0.2	9.71	9.9	31.6	98.45	0
09/05/2025	05:00	13.82	6.88	13.26	0.2	9.71	9.9	31.6	30.82	0
09/05/2025	05:30	13.73	6.91	11.47	0.2	9.71	9.9	31.5	26.15	0
09/05/2025	06:00	13.82	6.92	12.39	0.2	9.71	9.9	31.5	21.88	116.57
09/05/2025	06:30	13.8	6.95	11.54	0.25	9.68	9.93	31.5	7.38	111.01
09/05/2025	07:00	13.89	6.98	18.14	0.25	9.68	9.93	31.4	5.04	107.22
09/05/2025	07:30	13.89	7.02	10.93	0.25	9.68	9.93	31.4	3.6	103.75
09/05/2025	08:00	13.78	7.07	10.88	0.25	9.68	9.93	31.4	2.08	102.78
09/05/2025	08:30	13.87	7.13	10.88	0.25	9.68	9.93	31.4	1.67	103.42
09/05/2025	09:00	13.94	7.19	17.71	0.25	9.68	9.93	31.4	0	102.61
09/05/2025	09:30	13.92	7.21	11.27	0.25	9.68	9.93	31.5	0	101.16

09/05/2025	10:00	13.92	7.42	9.84	0.25	9.68	9.93	26	0	99.09
09/05/2025	10:30	11.99	6.6	9.88	0.25	9.68	9.93	24	0	99.75
09/05/2025	11:00	11.57	6.6	10.07	0.25	9.68	9.93	23.6	0	102.22
09/05/2025	11:30	11.08	6.6	10.14	0.25	9.68	9.93	22.8	0	102.47
09/05/2025	12:00	11.08	6.6	9.89	0.25	9.68	9.93	23.4	0	101.12
09/05/2025	12:30	1.76	6.6	9.96	0.19	9.63	9.82	23.6	0	99.01
09/05/2025	13:00	0.92	6.6	10.52	0.19	9.63	9.82	23.3	0	98.46
09/05/2025	13:30	0.95	6.6	10.18	0.19	9.63	9.82	23.7	0	99
09/05/2025	14:00	1.16	6.6	10.2	0.19	9.63	9.82	24.3	0	98.69
09/05/2025	14:30	1.14	6.6	10.2	0.19	9.63	9.82	24.6	0	0
09/05/2025	15:00	0.63	6.6	10.25	0.19	9.63	9.82	24.8	0	0
09/05/2025	15:30	1.23	6.6	10.24	0.19	9.63	9.82	24.5	0	0
09/05/2025	16:00	0.92	6.6	10.25	0.19	9.63	9.82	24.5	0	0
09/05/2025	16:30	0.92	6.6	10.28	0.19	9.63	9.82	24.5	180.83	0
09/05/2025	17:00	0.95	7.09	7.55	0.19	9.63	9.82	31.9	252.56	0
09/05/2025	17:30	13.21	6.82	7.23	0.19	9.63	9.82	32.3	210.75	0
09/05/2025	18:00	13.27	6.81	7.2	0.19	9.63	9.82	32.3	162.18	0
09/05/2025	18:30	13.29	6.83	7.47	0.13	9.66	9.79	32.4	110.16	0
09/05/2025	19:00	13.27	6.86	16.92	0.13	9.66	9.79	32.4	106.31	0
09/05/2025	19:30	13.03	6.86	13.63	0.13	9.66	9.79	32.3	101.96	0
09/05/2025	20:00	13.05	6.92	14.03	0.13	9.66	9.79	32.3	6.31	0
09/05/2025	20:30	13.03	6.99	7.17	0.13	9.66	9.79	32.2	0	0
09/05/2025	21:00	13.03	7.08	13.38	0.13	9.66	9.79	31.9	0	115.54
09/05/2025	21:30	13.01	7.16	13.71	0.13	9.66	9.79	31.7	0	0
09/05/2025	22:00	12.68	7.22	13.69	0.13	9.66	9.79	31.5	0	0
09/05/2025	22:30	12.8	7.24	14.31	0.13	9.66	9.79	31.4	0	0
09/05/2025	23:00	12.85	7.26	14.03	0.13	9.66	9.79	31.3	0	0
09/05/2025	23:30	12.8	7.28	13.67	0.13	9.66	9.79	31.3	0	0
10/05/2025	00:00	12.87	7.31	13.37	0.13	9.66	9.79	31.2	0	0
10/05/2025	00:30	12.83	7.26	13.67	0.14	9.63	9.77	31.1	0	0
10/05/2025	01:00	12.99	7.29	13.35	0.14	9.63	9.77	31	0	0
10/05/2025	01:30	12.92	7.31	13.2	0.14	9.63	9.77	30.9	0	0
10/05/2025	02:00	12.94	7.34	13.3	0.14	9.63	9.77	30.8	0	0
10/05/2025	02:30	12.89	7.35	13.62	0.14	9.63	9.77	30.8	0	112.37

10/05/2025	03:00	12.96	7.37	13.94	0.14	9.63	9.77	30.7	0	109.69
10/05/2025	03:30	12.99	7.38	13.07	0.14	9.63	9.77	30.7	0	108.26
10/05/2025	04:00	12.94	7.38	13.06	0.14	9.63	9.77	30.6	0	107.28
10/05/2025	04:30	12.92	7.39	13.06	0.14	9.63	9.77	30.6	0	106.28
10/05/2025	05:00	12.92	7.4	12.7	0.14	9.63	9.77	30.6	0	104.93
10/05/2025	05:30	12.87	7.41	12.7	0.14	9.63	9.77	30.4	0	105.43
10/05/2025	06:00	12.94	7.44	12.4	0.14	9.63	9.77	30.4	0	107.67
10/05/2025	06:30	12.94	7.38	12.36	0.21	9.67	9.88	30.3	0	108.14
10/05/2025	07:00	12.94	7.42	12.66	0.21	9.67	9.88	29.9	0	0
10/05/2025	07:30	12.31	7.5	7.18	0.21	9.67	9.88	29.4	0	0
10/05/2025	08:00	9.87	7.53	8	0.21	9.67	9.88	29.2	0	0
10/05/2025	08:30	10.96	7.48	7.65	0.21	9.67	9.88	29	0	0
10/05/2025	09:00	10.99	6.68	10.35	0.21	9.67	9.88	30.9	0	0
10/05/2025	09:30	1.39	6.65	10.28	0.21	9.67	9.88	30.1	0	0
10/05/2025	10:00	1.41	6.67	10.24	0.21	9.67	9.88	29.5	0	0
10/05/2025	10:30	1.43	6.68	10.27	0.21	9.67	9.88	28.9	0	0
10/05/2025	11:00	1.37	6.71	10.33	0.21	9.67	9.88	28.3	0	0
10/05/2025	11:30	1.37	6.72	10.33	0.21	9.67	9.88	27.7	0	0
10/05/2025	12:00	1.41	7.05	10.22	0.21	9.67	9.88	27.4	0	0
10/05/2025	12:30	1.39	6.82	10.55	0.16	9.64	9.8	28.3	266.32	0
10/05/2025	13:00	10.99	7.05	7.25	0.16	9.64	9.8	31.3	212.57	0
10/05/2025	13:30	11.01	7.08	7.21	0.16	9.64	9.8	31.5	241.95	0
10/05/2025	14:00	10.99	7.02	7.96	0.16	9.64	9.8	31.5	154.68	0
10/05/2025	14:30	11.08	7.05	7.18	0.16	9.64	9.8	31.6	79.92	0
10/05/2025	15:00	11.15	7.08	26.96	0.16	9.64	9.8	31.6	53.55	0
10/05/2025	15:30	11.1	7.1	7.44	0.16	9.64	9.8	31.6	20.29	113.32
10/05/2025	16:00	11.15	7.12	7.67	0.16	9.64	9.8	31.5	5.4	111.53
10/05/2025	16:30	11.17	7.14	7.23	0.16	9.64	9.8	31.4	1.86	0
10/05/2025	17:00	11.08	7.16	28.51	0.16	9.64	9.8	31.3	1.37	0
10/05/2025	17:30	11.06	7.19	7.2	0.16	9.64	9.8	31.3	0	0
10/05/2025	18:00	11.1	7.23	22.42	0.16	9.64	9.8	31.1	0	0
10/05/2025	18:30	11.08	7.25	17.81	0.17	9.68	9.85	31	0	114.09
10/05/2025	19:00	10.94	7.29	14.2	0.17	9.68	9.85	30.9	0	107.31
10/05/2025	19:30	10.92	7.32	16.03	0.17	9.68	9.85	30.8	0	103.94

10/05/2025	20:00	10.85	7.35	26.74	0.17	9.68	9.85	30.7	0	102.57
10/05/2025	20:30	10.83	7.35	15.68	0.17	9.68	9.85	30.5	30.95	100.71
10/05/2025	21:00	10.83	7.05	12.4	0.17	9.68	9.85	31	5.94	99.88
10/05/2025	21:30	11.03	7	15.08	0.17	9.68	9.85	31	38.42	97.85
10/05/2025	22:00	11.06	6.91	19	0.17	9.68	9.85	31.1	46.63	96.98
10/05/2025	22:30	11.03	6.9	14.76	0.17	9.68	9.85	31.1	47.51	95.19
10/05/2025	23:00	11.01	6.94	12.1	0.17	9.68	9.85	30.9	10.25	96.91
10/05/2025	23:30	10.89	6.98	16.26	0.17	9.68	9.85	30.9	5.07	96.89
11/05/2025	00:00	10.94	7.06	14.56	0.17	9.68	9.85	30.8	2.98	95.71
11/05/2025	00:30	10.94	7.05	20.14	0.15	9.6	9.75	30.7	3.65	95.39
11/05/2025	01:00	11.01	7.09	12.43	0.15	9.6	9.75	30.7	0.71	95
11/05/2025	01:30	11.01	7.13	12.39	0.15	9.6	9.75	30.5	0	95.11
11/05/2025	02:00	10.92	7.14	12.74	0.15	9.6	9.75	30.5	48.84	95.17
11/05/2025	02:30	10.99	7.01	11.48	0.15	9.6	9.75	30.8	67.04	93.32
11/05/2025	03:00	11.03	7.01	14.5	0.15	9.6	9.75	30.8	46.86	94.06
11/05/2025	03:30	11.01	7	14.14	0.15	9.6	9.75	30.8	8.92	0
11/05/2025	04:00	11.03	7.01	19.42	0.15	9.6	9.75	30.6	3.72	0
11/05/2025	04:30	10.71	7.03	15.26	0.15	9.6	9.75	30.6	3.6	0
11/05/2025	05:00	10.71	7.05	15.3	0.15	9.6	9.75	30.5	2.25	0
11/05/2025	05:30	10.76	7.08	15.57	0.15	9.6	9.75	30.4	0	0
11/05/2025	06:00	10.8	7.13	14.88	0.15	9.6	9.75	30.4	0	0
11/05/2025	06:30	10.59	7.12	15.89	0.16	9.66	9.82	30.2	0	0
11/05/2025	07:00	10.66	7.15	15.5	0.16	9.66	9.82	30.3	0	0
11/05/2025	07:30	10.64	6.71	15.91	0.16	9.66	9.82	30.4	198.18	0
11/05/2025	08:00	10.22	6.94	7.21	0.16	9.66	9.82	30.8	240.76	0
11/05/2025	08:30	10.2	7.06	7.47	0.16	9.66	9.82	30.9	452.71	0
11/05/2025	09:00	9.54	7.04	7.22	0.16	9.66	9.82	31.1	256.71	0
11/05/2025	09:30	10.34	7.03	7.18	0.16	9.66	9.82	31.1	129.87	0
11/05/2025	10:00	10.34	7.09	15.87	0.16	9.66	9.82	31.3	124.72	0
11/05/2025	10:30	10.36	7.18	22.97	0.16	9.66	9.82	31.4	75.82	112
11/05/2025	11:00	10.36	7.22	7.37	0.16	9.66	9.82	31.5	4.43	107.75
11/05/2025	11:30	10.06	7.22	7.94	0.16	9.66	9.82	31.8	1.15	0
11/05/2025	12:00	10.2	7.28	17.11	0.16	9.66	9.82	31.9	0.03	0
11/05/2025	12:30	10.25	7.24	15.68	0.16	9.66	9.82	32.1	0	107.68

11/05/2025	13:00	10.22	7.26	16.22	0.16	9.66	9.82	32	0	104.78
11/05/2025	13:30	10.29	7.29	14.77	0.16	9.66	9.82	32	0	104
11/05/2025	14:00	10.34	7.3	17.5	0.16	9.66	9.82	32.1	0	102.49
11/05/2025	14:30	10.38	7.31	13.3	0.16	9.66	9.82	32.1	0	100.46
11/05/2025	15:00	10.38	7.33	14.26	0.16	9.66	9.82	32	0	100.42
11/05/2025	15:30	10.38	7.35	13.63	0.16	9.66	9.82	31.8	9.76	98.72
11/05/2025	16:00	10.41	7.35	17.21	0.16	9.66	9.82	32.1	2.6	98.74
11/05/2025	16:30	10.43	7.36	7.23	0.16	9.66	9.82	32.1	0.25	95.97
11/05/2025	17:00	10.41	7.38	8	0.16	9.66	9.82	32	0.57	91.45
11/05/2025	17:30	10.41	7.39	13.09	0.16	9.66	9.82	32	0.22	93.87
11/05/2025	18:00	10.41	7.39	7.49	0.16	9.66	9.82	31.3	61.03	94.45
11/05/2025	18:30	2.01	6.95	16.57	0.18	9.72	9.9	31.1	0.1	0
11/05/2025	19:00	3.65	6.84	13.31	0.18	9.72	9.9	31	0	0
11/05/2025	19:30	1.85	6.77	11.82	0.18	9.72	9.9	31	0	0
11/05/2025	20:00	1.88	6.82	12.14	0.18	9.72	9.9	31	0	0
11/05/2025	20:30	1.81	6.88	11.86	0.18	9.72	9.9	30.9	0	0
11/05/2025	21:00	1.79	6.93	13.39	0.18	9.72	9.9	30.9	0	0
11/05/2025	21:30	1.76	6.97	12.51	0.18	9.72	9.9	30.8	0	0
11/05/2025	22:00	1.76	7	12.49	0.18	9.72	9.9	30.7	0	0
11/05/2025	22:30	1.79	7.03	12.82	0.18	9.72	9.9	30.7	0	0
11/05/2025	23:00	1.83	7.06	13.15	0.18	9.72	9.9	30.6	0	0
11/05/2025	23:30	1.74	7.08	13.17	0.18	9.72	9.9	30.6	0	0
12/05/2025	00:00	1.69	7.13	12.85	0.18	9.72	9.9	30.5	0	0
12/05/2025	00:30	1.74	7.08	13.2	0.12	9.61	9.73	30.5	0	0
12/05/2025	01:00	1.72	7.1	13.13	0.12	9.61	9.73	30.4	0	0
12/05/2025	01:30	1.74	7.12	13.6	0.12	9.61	9.73	30.4	0	0
12/05/2025	02:00	1.76	7.14	13.57	0.12	9.61	9.73	30.3	0	0
12/05/2025	02:30	1.72	7.16	13.6	0.12	9.61	9.73	30.2	0	0
12/05/2025	03:00	1.76	7.18	13.28	0.12	9.61	9.73	30.2	0	0
12/05/2025	03:30	1.76	7.18	13.21	0.12	9.61	9.73	30.1	0	0
12/05/2025	04:00	1.88	7.19	13.49	0.12	9.61	9.73	30.1	0	0
12/05/2025	04:30	1.85	7.2	13.22	0.12	9.61	9.73	30	0	0
12/05/2025	05:00	1.85	7.2	13.2	0.12	9.61	9.73	29.9	0	0
12/05/2025	05:30	1.85	7.21	13.45	0.12	9.61	9.73	29.9	0	0

12/05/2025	06:00	1.88	7.23	13.15	0.12	9.61	9.73	29.9	0	0
12/05/2025	06:30	1.97	7.16	12.93	0.16	9.66	9.82	29.9	0	0
12/05/2025	07:00	1.92	7.19	12.6	0.16	9.66	9.82	29.9	0	111.99
12/05/2025	07:30	1.92	7.21	12.28	0.16	9.66	9.82	29.8	0	110.19
12/05/2025	08:00	1.95	7.06	14.94	0.16	9.66	9.82	31.1	251.41	107.35
12/05/2025	08:30	9.43	7.02	14.65	0.16	9.66	9.82	31.3	265.68	107.35
12/05/2025	09:00	9.59	6.95	20.87	0.16	9.66	9.82	31.5	375.22	109.2
12/05/2025	09:30	9.74	6.88	19.44	0.16	9.66	9.82	31.6	272.6	0
12/05/2025	10:00	9.76	6.87	7.31	0.16	9.66	9.82	31.7	141.26	0
12/05/2025	10:30	9.57	6.91	18.97	0.16	9.66	9.82	31.7	7.87	111.89
12/05/2025	11:00	9.71	6.95	7.19	0.16	9.66	9.82	31.8	1.72	108.93
12/05/2025	11:30	9.71	6.98	22.25	0.16	9.66	9.82	31.9	0.79	107.27
12/05/2025	12:00	9.69	7.02	7.81	0.16	9.66	9.82	32.1	0	105.06
12/05/2025	12:30	9.71	7.04	17.59	0.14	9.62	9.75	32.3	0	102.98
12/05/2025	13:00	9.66	7.08	20.5	0.14	9.62	9.75	32.3	0	102.72
12/05/2025	13:30	9.78	7.1	7.2	0.14	9.62	9.75	32.4	0	102.31
12/05/2025	14:00	9.83	7.14	11.3	0.14	9.62	9.75	32.3	0	99.85
12/05/2025	14:30	9.83	7.18	12.08	0.14	9.62	9.75	32.1	0	99.53
12/05/2025	15:00	9.8	7.2	10.97	0.14	9.62	9.75	31.9	0	97.7
12/05/2025	15:30	9.74	7.22	10.94	0.14	9.62	9.75	31.8	0	94.73
12/05/2025	16:00	9.8	7.24	10.95	0.14	9.62	9.75	31.7	0	94.18
12/05/2025	16:30	9.74	7.28	10.93	0.14	9.62	9.75	31.6	0	94.77
12/05/2025	17:00	9.76	7.3	10.93	0.14	9.62	9.75	31.5	0	102.93
12/05/2025	17:30	9.74	7.33	10.91	0.14	9.62	9.75	31.3	0	102.22
12/05/2025	18:00	9.71	7.35	10.6	0.14	9.62	9.75	31.2	0	101.99
12/05/2025	18:30	9.69	7.34	10.6	0.19	9.74	9.92	31.1	0	101.66
12/05/2025	19:00	9.71	7.37	10.9	0.19	9.74	9.92	31.1	0	104.78
12/05/2025	19:30	9.69	7.39	11.22	0.19	9.74	9.92	31	0	0
12/05/2025	20:00	9.54	7.4	11.72	0.19	9.74	9.92	30.8	0	0
12/05/2025	20:30	9.74	7.4	11.22	0.19	9.74	9.92	30.8	0	0
12/05/2025	21:00	9.57	7.25	11.72	0.19	9.74	9.92	31	133.05	0
12/05/2025	21:30	9.57	7.04	14.2	0.19	9.74	9.92	31.8	133.44	0
12/05/2025	22:00	9.61	7.13	23.42	0.19	9.74	9.92	31.9	131.61	0
12/05/2025	22:30	8.8	7.17	14.74	0.19	9.74	9.92	31.8	129.51	0

12/05/2025	23:00	8.76	7.18	13.03	0.19	9.74	9.92	31.8	130	0
12/05/2025	23:30	8.85	7.2	13.86	0.19	9.74	9.92	31.7	127.55	0
13/05/2025	00:00	8.83	7.22	13.28	0.19	9.74	9.92	31.7	123.33	0
13/05/2025	00:30	8.67	7.14	15.06	0.12	9.64	9.77	31.8	133.13	0
13/05/2025	01:00	8.76	7.06	7.27	0.12	9.64	9.77	31.7	134.22	0
13/05/2025	01:30	8.76	7.07	13.82	0.12	9.64	9.77	31.7	126.53	0
13/05/2025	02:00	8.83	7.14	14.63	0.12	9.64	9.77	31.6	19.8	0
13/05/2025	02:30	8.8	7.24	7.79	0.12	9.64	9.77	31.4	0	119.32
13/05/2025	03:00	8.22	7.27	7.79	0.12	9.64	9.77	31.3	0	109.34
13/05/2025	03:30	8.36	7.29	7.83	0.12	9.64	9.77	31.2	0	106.51
13/05/2025	04:00	8.48	7.31	7.97	0.12	9.64	9.77	31.1	0	104.51
13/05/2025	04:30	8.48	7.33	18.06	0.12	9.64	9.77	31	0	102.43
13/05/2025	05:00	8.48	7.35	18.61	0.12	9.64	9.77	31	0	100.23
13/05/2025	05:30	8.38	7.36	7.22	0.12	9.64	9.77	30.9	0	97.53
13/05/2025	06:00	8.55	7.37	16.42	0.12	9.64	9.77	30.7	0	96.85
13/05/2025	06:30	8.67	7.35	15.26	0.16	9.72	9.88	30.7	0	0
13/05/2025	07:00	8.69	7.37	14.61	0.16	9.72	9.88	30.7	0	0
13/05/2025	07:30	8.64	7.38	7.26	0.16	9.72	9.88	30.6	0	0
13/05/2025	08:00	8.69	7.4	13.74	0.16	9.72	9.88	30.6	0	0
13/05/2025	08:30	8.71	7.41	13.43	0.16	9.72	9.88	30.7	0	0
13/05/2025	09:00	8.76	7.38	25.89	0.16	9.72	9.88	31.1	108.42	0
13/05/2025	09:30	8.71	7.23	14.3	0.16	9.72	9.88	32	117.11	112.28
13/05/2025	10:00	8.13	7.5	7.22	0.16	9.72	9.88	32.1	107.71	109.31
13/05/2025	10:30	8.1	7.21	14.34	0.16	9.72	9.88	32	128.53	0
13/05/2025	11:00	8.18	7.09	28.07	0.16	9.72	9.88	32.1	127.46	0
13/05/2025	11:30	8.22	7.08	15.01	0.16	9.72	9.88	32.2	115.09	0
13/05/2025	12:00	8.18	7.1	14.42	0.16	9.72	9.88	32.3	0	110.43
13/05/2025	12:30	8.25	7.13	24.27	0.24	9.66	9.91	32.2	0	106.72
13/05/2025	13:00	8.27	7.17	19.89	0.24	9.66	9.91	32.2	0	104.97
13/05/2025	13:30	8.32	7.19	15.14	0.24	9.66	9.91	32.2	0	103.28
13/05/2025	14:00	8.27	7.22	14.33	0.24	9.66	9.91	32.2	0	103.31
13/05/2025	14:30	8.38	7.24	20.67	0.24	9.66	9.91	32.3	0	102.92
13/05/2025	15:00	8.5	7.27	13.77	0.24	9.66	9.91	32.3	0	102.1
13/05/2025	15:30	8.48	7.29	17.87	0.24	9.66	9.91	32.2	0	100.95

13/05/2025	16:00	8.48	7.31	13.43	0.24	9.66	9.91	32.1	0	99.85
13/05/2025	16:30	8.5	7.34	13.78	0.24	9.66	9.91	31.7	0	0
13/05/2025	17:00	8.29	7.36	14.38	0.24	9.66	9.91	31.6	0	0
13/05/2025	17:30	8.38	7.38	13.81	0.24	9.66	9.91	31.5	0	0
13/05/2025	18:00	7.94	7.42	18.55	0.24	9.66	9.91	31	0	0
13/05/2025	18:30	7.97	7.42	22.96	0.26	9.71	9.97	30.7	0	0
13/05/2025	19:00	7.97	7.43	7.56	0.26	9.71	9.97	30.8	0	0
13/05/2025	19:30	7.85	7.28	7.22	0.26	9.71	9.97	30.9	137.55	0
13/05/2025	20:00	8.9	6.87	7.31	0.26	9.71	9.97	31.8	157.59	0
13/05/2025	20:30	8.9	6.78	7.18	0.26	9.71	9.97	31.8	155.58	0
13/05/2025	21:00	8.92	6.7	7.62	0.26	9.71	9.97	31.7	155.86	0
13/05/2025	21:30	8.92	6.67	7.27	0.26	9.71	9.97	31.8	156.14	0
13/05/2025	22:00	8.87	6.67	7.23	0.26	9.71	9.97	31.7	151.69	0
13/05/2025	22:30	8.92	6.72	7.25	0.26	9.71	9.97	31.7	140.77	0
13/05/2025	23:00	8.99	6.84	7.36	0.26	9.71	9.97	31.7	6.78	0
13/05/2025	23:30	8.99	6.92	13.1	0.26	9.71	9.97	31.5	0	0
14/05/2025	00:00	8.99	6.97	17.28	0.26	9.71	9.97	31.5	0	113.35
14/05/2025	00:30	8.94	7.01	11.86	0.26	9.73	9.99	31.4	0	110.72
14/05/2025	01:00	8.94	7.06	27.19	0.26	9.73	9.99	31.3	0	109.5
14/05/2025	01:30	8.96	7.11	12.74	0.26	9.73	9.99	31.2	0	108.95
14/05/2025	02:00	8.92	7.14	18.55	0.26	9.73	9.99	31.1	0	108.45
14/05/2025	02:30	8.9	7.18	7.48	0.26	9.73	9.99	31	0	106.91
14/05/2025	03:00	8.94	7.22	11.97	0.26	9.73	9.99	30.9	0	106.08
14/05/2025	03:30	8.94	7.25	12.6	0.26	9.73	9.99	30.9	0	106.01
14/05/2025	04:00	8.94	7.27	11.93	0.26	9.73	9.99	30.8	0	106.07
14/05/2025	04:30	8.83	7.3	11.57	0.26	9.73	9.99	30.7	0	105.33
14/05/2025	05:00	8.94	7.32	12.15	0.26	9.73	9.99	30.6	0	105.06
14/05/2025	05:30	8.94	7.33	11.5	0.26	9.73	9.99	30.6	0	104.46
14/05/2025	06:00	8.92	7.34	11.18	0.26	9.73	9.99	30.5	0	105.15
14/05/2025	06:30	8.92	7.33	11.13	0.23	9.67	9.9	30.5	0	103.88
14/05/2025	07:00	8.96	7.35	12.12	0.23	9.67	9.9	30.4	0	105.3
14/05/2025	07:30	8.94	7.36	10.97	0.23	9.67	9.9	30.4	0	105.57
14/05/2025	08:00	8.96	7.37	10.97	0.23	9.67	9.9	30.4	0	107.14
14/05/2025	08:30	8.96	7.4	11.01	0.23	9.67	9.9	30.5	0	0

14/05/2025	09:00	8.96	7.23	11.05	0.23	9.67	9.9	30.5	0.13	0
14/05/2025	09:30	8.78	7.05	16.06	0.23	9.67	9.9	31.8	83.14	116.77
14/05/2025	10:00	9.25	6.95	22.31	0.23	9.67	9.9	31.9	89.38	114.23
14/05/2025	10:30	9.22	6.87	12.64	0.23	9.67	9.9	32.1	85.84	113.26
14/05/2025	11:00	9.25	6.86	7.59	0.23	9.67	9.9	32.3	134.18	107.35
14/05/2025	11:30	9.22	6.94	7.3	0.23	9.67	9.9	32.4	126.43	105.75
14/05/2025	12:00	9.06	6.95	7.29	0.23	9.67	9.9	32.5	135.06	105.03
14/05/2025	12:30	9.06	6.85	7.41	0.17	9.64	9.82	32.6	139.94	106.17
14/05/2025	13:00	9.12	6.84	28.86	0.17	9.64	9.82	32.7	127.92	105.95
14/05/2025	13:30	9.15	6.92	7.27	0.17	9.64	9.82	32.8	117.68	109.53
14/05/2025	14:00	9.1	7.01	7.88	0.17	9.64	9.82	33.1	0	0
14/05/2025	14:30	8.92	7.03	7.23	0.17	9.64	9.82	33.2	0	109.17
14/05/2025	15:00	8.96	7.08	13.88	0.17	9.64	9.82	33.1	0	107.37
14/05/2025	15:30	8.96	7.12	7.69	0.17	9.64	9.82	33	0	105.99
14/05/2025	16:00	8.94	7.15	8	0.17	9.64	9.82	32.8	0	105.43
14/05/2025	16:30	8.94	7.19	7.19	0.17	9.64	9.82	32.6	0	104.21
14/05/2025	17:00	8.99	7.21	7.46	0.17	9.64	9.82	32.4	0	103.4
14/05/2025	17:30	8.96	7.24	11.96	0.17	9.64	9.82	32.3	0	102.57
14/05/2025	18:00	8.94	7.26	11.34	0.17	9.64	9.82	32.1	0	102.33
14/05/2025	18:30	8.85	7.28	7.46	0.19	9.75	9.94	32	0	103.52
14/05/2025	19:00	8.74	7.3	11.66	0.19	9.75	9.94	31.9	0	103.18
14/05/2025	19:30	8.74	7.32	11.85	0.19	9.75	9.94	31.8	0	102.48
14/05/2025	20:00	8.76	7.34	12.18	0.19	9.75	9.94	31.7	0	100.7
14/05/2025	20:30	8.76	7.37	23.85	0.19	9.75	9.94	31.6	0	100.51
14/05/2025	21:00	8.74	7.39	11.89	0.19	9.75	9.94	31.5	0	101.53
14/05/2025	21:30	8.67	7.41	11.87	0.19	9.75	9.94	31.4	0	101.53
14/05/2025	22:00	8.71	7.43	11.89	0.19	9.75	9.94	31.2	0	100.58
14/05/2025	22:30	8.71	7.45	11.68	0.19	9.75	9.94	31.2	0	98.78
14/05/2025	23:00	8.74	7.47	11.9	0.19	9.75	9.94	31	0	97.79
14/05/2025	23:30	8.78	7.48	11.89	0.19	9.75	9.94	30.9	0	95.72
15/05/2025	00:00	8.78	7.49	11.91	0.19	9.75	9.94	30.8	0	0
15/05/2025	00:30	8.78	7.47	11.86	0.25	9.56	9.82	30.7	0	0
15/05/2025	01:00	8.8	7.49	11.83	0.25	9.56	9.82	30.6	0	0
15/05/2025	01:30	8.69	7.48	11.76	0.25	9.56	9.82	30.5	0	0

15/05/2025	02:00	8.76	7.47	11.66	0.25	9.56	9.82	30.5	0	0
15/05/2025	02:30	8.74	7.47	11.94	0.25	9.56	9.82	30.4	0	0
15/05/2025	03:00	8.8	7.47	11.57	0.25	9.56	9.82	30.3	0	0
15/05/2025	03:30	8.83	7.47	11.36	0.25	9.56	9.82	30.2	0	0
15/05/2025	04:00	8.76	7.48	11.83	0.25	9.56	9.82	30.2	0	0
15/05/2025	04:30	8.85	7.49	11.26	0.25	9.56	9.82	30.1	0	0
15/05/2025	05:00	8.78	7.47	11.44	0.25	9.56	9.82	30.1	133.93	0
15/05/2025	05:30	8.78	7.29	7.83	0.25	9.56	9.82	31.4	137.62	0
15/05/2025	06:00	8.78	7.24	8	0.25	9.56	9.82	31.5	148.52	0
15/05/2025	06:30	8.9	7.22	7.26	0.26	9.59	9.85	31.5	148.3	0
15/05/2025	07:00	8.87	7.22	7.31	0.26	9.59	9.85	31.6	143.51	0
15/05/2025	07:30	8.78	7.22	7.21	0.26	9.59	9.85	31.6	133.59	110.83
15/05/2025	08:00	8.78	7.25	7.24	0.26	9.59	9.85	31.5	134.2	109.75
15/05/2025	08:30	8.85	7.3	7.21	0.26	9.59	9.85	31.6	133.76	108.55
15/05/2025	09:00	8.71	7.26	7.21	0.26	9.59	9.85	31.7	120.49	105.56
15/05/2025	09:30	8.71	7.27	7.26	0.26	9.59	9.85	31.8	124.43	104.16
15/05/2025	10:00	8.8	7.27	7.28	0.26	9.59	9.85	32	80.6	102.05
15/05/2025	10:30	8.8	7.25	7.19	0.26	9.59	9.85	32.2	85.93	0
15/05/2025	11:00	8.8	7.25	7.21	0.26	9.59	9.85	32.3	86.35	0
15/05/2025	11:30	8.85	7.24	26.26	0.26	9.59	9.85	32.5	83.79	0
15/05/2025	12:00	8.83	7.26	18.26	0.26	9.59	9.85	32.5	79.46	0
15/05/2025	12:30	8.85	7.29	7.5	0.26	9.64	9.9	32.5	77.43	0
15/05/2025	13:00	8.87	7.26	11.85	0.26	9.64	9.9	32.5	85.4	0
15/05/2025	13:30	8.87	7.24	12.42	0.26	9.64	9.9	32.5	81.39	0
15/05/2025	14:00	8.76	7.25	11.52	0.26	9.64	9.9	32.5	66.96	0
15/05/2025	14:30	8.76	7.34	12.83	0.26	9.64	9.9	31.5	0.25	0
15/05/2025	15:00	8.74	7.38	15.66	0.26	9.64	9.9	31.5	0	0
15/05/2025	15:30	8.03	7.41	18.9	0.26	9.64	9.9	31.4	0	0
15/05/2025	16:00	8.03	7.43	22.3	0.26	9.64	9.9	31.4	0	115.59
15/05/2025	16:30	8.01	7.45	24.74	0.26	9.64	9.9	31.3	0	111.86
15/05/2025	17:00	8.06	7.47	25.86	0.26	9.64	9.9	31.2	0	111.25
15/05/2025	17:30	8.06	7.49	25.83	0.26	9.64	9.9	31.2	0	109.87
15/05/2025	18:00	7.99	7.5	28.75	0.26	9.64	9.9	31.1	0	109.9
15/05/2025	18:30	8.2	7.49	28.41	0.25	9.67	9.93	31	0	108.69

15/05/2025	19:00	8.13	7.5	29.99	0.25	9.67	9.93	31	0	0
15/05/2025	19:30	8.13	7.51	7.72	0.25	9.67	9.93	30.9	0	0
15/05/2025	20:00	8.13	7.53	7.82	0.25	9.67	9.93	30.8	0	0
15/05/2025	20:30	7.99	7.54	28.22	0.25	9.67	9.93	30.7	0	0
15/05/2025	21:00	8.18	7.55	7.65	0.25	9.67	9.93	30.7	0	0
15/05/2025	21:30	8.08	7.56	7.22	0.25	9.67	9.93	30.6	0	0
15/05/2025	22:00	8.03	7.57	29.68	0.25	9.67	9.93	30.6	0	0
15/05/2025	22:30	7.97	7.57	29.09	0.25	9.67	9.93	30.5	0	0
15/05/2025	23:00	8.13	7.56	28.27	0.25	9.67	9.93	30.4	0	114.91
15/05/2025	23:30	8.1	7.56	27.94	0.25	9.67	9.93	30.4	0	110.76
16/05/2025	00:00	8.13	7.54	25.47	0.25	9.67	9.93	30.3	0	108.95
16/05/2025	00:30	8.1	7.52	25.69	0.22	9.69	9.91	30.3	0	106.45
16/05/2025	01:00	8.1	7.52	25.61	0.22	9.69	9.91	30.2	0	105.5
16/05/2025	01:30	8.22	7.52	23.83	0.22	9.69	9.91	30.1	0	105.42
16/05/2025	02:00	8.2	7.52	23.78	0.22	9.69	9.91	30.1	0	0
16/05/2025	02:30	8.2	7.51	24.95	0.22	9.69	9.91	30	0	0
16/05/2025	03:00	8.2	7.51	22.79	0.22	9.69	9.91	30	0	0
16/05/2025	03:30	8.27	7.51	23.29	0.22	9.69	9.91	29.9	0	0
16/05/2025	04:00	8.25	7.5	23.59	0.22	9.69	9.91	29.8	0	0
16/05/2025	04:30	8.29	7.5	23.82	0.22	9.69	9.91	29.8	0	0
16/05/2025	05:00	8.27	7.49	22.01	0.22	9.69	9.91	29.8	0	0
16/05/2025	05:30	8.27	7.49	21.5	0.22	9.69	9.91	29.7	0	0
16/05/2025	06:00	8.34	7.5	20.47	0.22	9.69	9.91	29.7	0	110.78
16/05/2025	06:30	8.34	7.48	19.32	0.23	9.61	9.85	29.6	0	107.56
16/05/2025	07:00	8.36	7.4	18.51	0.23	9.61	9.85	30.4	132.29	105.68
16/05/2025	07:30	8.34	7.33	12.81	0.23	9.61	9.85	31.3	134.18	0
16/05/2025	08:00	9.06	7.28	17	0.23	9.61	9.85	31.4	141.85	0
16/05/2025	08:30	9.18	7.25	14.63	0.23	9.61	9.85	31.2	142.36	0
16/05/2025	09:00	9.22	7.21	12.85	0.23	9.61	9.85	31.5	134.76	0
16/05/2025	09:30	9.22	7.2	11.45	0.23	9.61	9.85	31.6	131.19	113.24
16/05/2025	10:00	9.2	7.22	11.16	0.23	9.61	9.85	31.8	120.17	109.03
16/05/2025	10:30	9.22	7.27	11.18	0.23	9.61	9.85	31.9	120.75	113.53
16/05/2025	11:00	9.36	7.34	10.99	0.23	9.61	9.85	32	78.01	0
16/05/2025	11:30	9.15	7.25	11.91	0.23	9.61	9.85	32	95.34	113.18

16/05/2025	12:00	9.18	7.21	12.02	0.23	9.61	9.85	32.1	94.93	108.09
16/05/2025	12:30	9.08	7.17	7.25	0.21	9.62	9.84	32.4	89.85	0
16/05/2025	13:00	9.18	7.17	13.86	0.21	9.62	9.84	32.4	76.3	0
16/05/2025	13:30	9.2	7.27	12.7	0.21	9.62	9.84	32.5	65.67	109.89
16/05/2025	14:00	9.18	7.67	7.22	0.21	9.62	9.84	32.3	0	0
16/05/2025	14:30	9.15	7.6	12.66	0.21	9.62	9.84	32.4	0	0
16/05/2025	15:00	8.74	7.56	11.41	0.21	9.62	9.84	32.3	0	0
16/05/2025	15:30	8.99	7.54	11.57	0.21	9.62	9.84	32	0	0
16/05/2025	16:00	8.59	7.52	7.79	0.21	9.62	9.84	31.8	0	0
16/05/2025	16:30	8.59	7.5	17.71	0.21	9.62	9.84	31.7	0	0
16/05/2025	17:00	8.59	7.49	22.27	0.21	9.62	9.84	31.7	0	0
16/05/2025	17:30	8.55	7.49	7.23	0.21	9.62	9.84	31.5	0	0
16/05/2025	18:00	8.85	7.49	7.52	0.21	9.62	9.84	31.4	0	0
16/05/2025	18:30	8.87	7.48	7.17	0.22	9.63	9.86	31.4	0	0
16/05/2025	19:00	8.85	7.49	7.57	0.22	9.63	9.86	31.2	0	0
16/05/2025	19:30	8.76	7.49	7.2	0.22	9.63	9.86	31.2	0	0
16/05/2025	20:00	8.96	7.5	7.24	0.22	9.63	9.86	31.1	0	0
16/05/2025	20:30	8.94	7.52	7.45	0.22	9.63	9.86	31	0	0
16/05/2025	21:00	8.94	7.52	7.3	0.22	9.63	9.86	30.9	0	0
16/05/2025	21:30	8.94	7.53	7.17	0.22	9.63	9.86	30.8	0	0
16/05/2025	22:00	9.18	7.54	7.45	0.22	9.63	9.86	30.7	0	0
16/05/2025	22:30	9.12	7.54	7.8	0.22	9.63	9.86	30.7	0	0
16/05/2025	23:00	9.08	7.55	7.21	0.22	9.63	9.86	30.6	0	0
16/05/2025	23:30	9.1	7.53	7.18	0.22	9.63	9.86	30.5	0	0
17/05/2025	00:00	9.08	7.51	7.33	0.22	9.63	9.86	30.4	0	0
17/05/2025	00:30	9.06	7.47	7.33	0.15	9.63	9.78	30.3	0	0
17/05/2025	01:00	9.22	7.47	7.7	0.15	9.63	9.78	30.2	0	0
17/05/2025	01:30	9.25	7.47	7.26	0.15	9.63	9.78	30.2	0	0
17/05/2025	02:00	9.25	7.46	7.99	0.15	9.63	9.78	30.1	0	0
17/05/2025	02:30	9.2	7.46	7.33	0.15	9.63	9.78	30	0	0
17/05/2025	03:00	9.25	7.46	7.84	0.15	9.63	9.78	30	0	0
17/05/2025	03:30	9.25	7.46	7.18	0.15	9.63	9.78	29.9	0	0
17/05/2025	04:00	9.2	7.48	7.43	0.15	9.63	9.78	29.8	0	0
17/05/2025	04:30	9.18	7.48	7.19	0.15	9.63	9.78	29.8	0	0

17/05/2025	05:00	9.2	7.49	7.38	0.15	9.63	9.78	29.7	0	0
17/05/2025	05:30	9.25	7.49	7.27	0.15	9.63	9.78	29.7	0	0
17/05/2025	06:00	8.76	7.28	15.71	0.15	9.63	9.78	31.3	144.61	113.59
17/05/2025	06:30	8.78	7.32	15.42	0.2	9.67	9.88	31.4	143.9	110.16
17/05/2025	07:00	8.78	7.31	13.32	0.2	9.67	9.88	31.4	143.17	108.19
17/05/2025	07:30	8.76	7.3	13.62	0.2	9.67	9.88	31.3	140.55	107.72
17/05/2025	08:00	8.71	7.28	15.14	0.2	9.67	9.88	31.4	137.21	107.02
17/05/2025	08:30	8.76	7.23	7.19	0.2	9.67	9.88	31.5	134.46	107.06
17/05/2025	09:00	8.78	7.26	12.05	0.2	9.67	9.88	31.5	125.89	104.93
17/05/2025	09:30	8.8	7.28	11.5	0.2	9.67	9.88	31.6	123.62	0
17/05/2025	10:00	8.9	7.3	11.3	0.2	9.67	9.88	31.8	120.1	0
17/05/2025	10:30	8.87	7.34	12.65	0.2	9.67	9.88	31.8	118.68	0
17/05/2025	11:00	8.78	7.42	7.54	0.2	9.67	9.88	32.1	118.51	0
17/05/2025	11:30	8.74	7.33	11.66	0.2	9.67	9.88	32.1	130.02	0
17/05/2025	12:00	8.71	7.24	7.62	0.2	9.67	9.88	32.2	141.36	0
17/05/2025	12:30	8.87	7.18	19.7	0.23	9.61	9.84	32.4	127.55	0
17/05/2025	13:00	8.96	7.18	7.66	0.23	9.61	9.84	32.1	126.53	0
17/05/2025	13:30	8.96	7.19	7.36	0.23	9.61	9.84	32.3	125.06	107.69
17/05/2025	14:00	8.94	7.23	7.25	0.23	9.61	9.84	32.4	0	0
17/05/2025	14:30	8.9	7.27	15.61	0.23	9.61	9.84	32.3	0	105.68
17/05/2025	15:00	9.03	7.31	11.62	0.23	9.61	9.84	32.3	0	103.97
17/05/2025	15:30	9.08	7.35	11.62	0.23	9.61	9.84	32.2	0	103.64
17/05/2025	16:00	9.1	7.38	12.58	0.23	9.61	9.84	32.1	0	102.35
17/05/2025	16:30	9.15	7.4	7.23	0.23	9.61	9.84	31.9	0	102.65
17/05/2025	17:00	8.94	7.42	12.92	0.23	9.61	9.84	31.8	0	102.03
17/05/2025	17:30	8.94	7.44	13.21	0.23	9.61	9.84	31.7	0	100.24
17/05/2025	18:00	9.1	7.46	13.52	0.23	9.61	9.84	31.5	0	99.82
17/05/2025	18:30	9.15	7.45	13.52	0.19	9.69	9.88	31.4	0	98.83
17/05/2025	19:00	8.96	7.47	16.45	0.19	9.69	9.88	31.3	0	97.71
17/05/2025	19:30	8.87	7.48	17.16	0.19	9.69	9.88	31.2	0	94.42
17/05/2025	20:00	8.92	7.5	16.85	0.19	9.69	9.88	31	0	93.62
17/05/2025	20:30	8.9	7.51	17.69	0.19	9.69	9.88	31	0	94.59
17/05/2025	21:00	8.9	7.52	18.65	0.19	9.69	9.88	30.9	0	94.62
17/05/2025	21:30	8.83	7.53	17.69	0.19	9.69	9.88	30.8	0	95.3

17/05/2025	22:00	8.85	7.55	17.66	0.19	9.69	9.88	30.7	0	94.67
17/05/2025	22:30	8.96	7.55	17.5	0.19	9.69	9.88	30.6	0	93.67
17/05/2025	23:00	8.96	7.55	16.85	0.19	9.69	9.88	30.5	0	93.7
17/05/2025	23:30	8.96	7.55	18.06	0.19	9.69	9.88	30.4	0	93.23
18/05/2025	00:00	8.9	7.56	17.5	0.19	9.69	9.88	30.3	0	93.18
18/05/2025	00:30	8.92	7.52	17.69	0.15	9.64	9.78	30.3	0	92.99
18/05/2025	01:00	8.99	7.51	16.46	0.15	9.64	9.78	30.2	0	0
18/05/2025	01:30	8.99	7.52	17.63	0.15	9.64	9.78	30.1	0	0
18/05/2025	02:00	8.99	7.53	17.84	0.15	9.64	9.78	30	0	0
18/05/2025	02:30	8.96	7.53	17.76	0.15	9.64	9.78	30	0	0
18/05/2025	03:00	9.03	7.53	18.15	0.15	9.64	9.78	29.9	0	0
18/05/2025	03:30	9.03	7.54	17.18	0.15	9.64	9.78	29.8	0	0
18/05/2025	04:00	9.03	7.53	17.38	0.15	9.64	9.78	29.8	0	0
18/05/2025	04:30	8.92	7.53	16.9	0.15	9.64	9.78	29.7	0	0
18/05/2025	05:00	9.01	7.53	16.17	0.15	9.64	9.78	29.7	0	105.21
18/05/2025	05:30	8.74	7.17	14.94	0.15	9.64	9.78	31.4	126.94	101.73
18/05/2025	06:00	8.76	7.06	13.21	0.15	9.64	9.78	31.4	151.99	0
18/05/2025	06:30	9.36	6.95	19.14	0.21	9.61	9.82	31.4	158.15	0
18/05/2025	07:00	9.43	6.91	7.2	0.21	9.61	9.82	31.4	150.52	0
18/05/2025	07:30	9.43	6.87	14.05	0.21	9.61	9.82	31.5	149.2	0
18/05/2025	08:00	9.41	6.87	16.42	0.21	9.61	9.82	31.5	145.49	0
18/05/2025	08:30	9.41	6.92	23.49	0.21	9.61	9.82	31.5	141.19	0
18/05/2025	09:00	9.41	6.94	7.2	0.21	9.61	9.82	31.6	137.94	0
18/05/2025	09:30	9.32	6.94	7.42	0.21	9.61	9.82	31.7	132.76	0
18/05/2025	10:00	9.38	6.96	7.3	0.21	9.61	9.82	31.7	113.87	0
18/05/2025	10:30	9.41	6.94	17.77	0.21	9.61	9.82	31.8	115.36	0
18/05/2025	11:00	9.38	6.98	16.94	0.21	9.61	9.82	32	125.94	0
18/05/2025	11:30	9.34	7.08	12.55	0.21	9.61	9.82	32.2	123.52	0
18/05/2025	12:00	9.36	7.17	15.55	0.21	9.61	9.82	32.4	130.95	0
18/05/2025	12:30	9.29	7.07	21.7	0.19	9.66	9.85	32.4	138.23	0
18/05/2025	13:00	9.29	7.01	7.43	0.19	9.66	9.85	32.5	139.5	0
18/05/2025	13:30	9.29	7	7.21	0.19	9.66	9.85	32.5	131.36	0
18/05/2025	14:00	9.18	7.03	7.23	0.19	9.66	9.85	32.4	128.24	0
18/05/2025	14:30	9.18	7.12	16.88	0.19	9.66	9.85	32.4	120.61	0

18/05/2025	15:00	9.15	7.22	13.84	0.19	9.66	9.85	32.4	0	0
18/05/2025	15:30	9.18	7.27	11.72	0.19	9.66	9.85	32.3	0	104.69
18/05/2025	16:00	9.12	7.32	11.42	0.19	9.66	9.85	32.3	0	102.28
18/05/2025	16:30	9.15	7.36	11.38	0.19	9.66	9.85	32.2	0	100.15
18/05/2025	17:00	9.2	7.39	7.2	0.19	9.66	9.85	32.1	0	98.22
18/05/2025	17:30	9.18	7.42	11.42	0.19	9.66	9.85	32	0	96.58
18/05/2025	18:00	9.18	7.43	11.18	0.19	9.66	9.85	31.9	0	95.75
18/05/2025	18:30	9.18	7.44	11.16	0.13	9.62	9.74	31.7	0	93.38
18/05/2025	19:00	9.18	7.45	11.26	0.13	9.62	9.74	31.6	0	92.93
18/05/2025	19:30	9.12	7.47	11.25	0.13	9.62	9.74	31.5	0	91.52
18/05/2025	20:00	9.15	7.49	11.25	0.13	9.62	9.74	31.4	0	91.93
18/05/2025	20:30	9.12	7.5	11.19	0.13	9.62	9.74	31.3	0	90.23
18/05/2025	21:00	9.12	7.51	11.27	0.13	9.62	9.74	31.2	0	89.55
18/05/2025	21:30	9.12	7.52	11.26	0.13	9.62	9.74	31.1	0	87.55
18/05/2025	22:00	9.08	7.52	11.2	0.13	9.62	9.74	31	0	85.32
18/05/2025	22:30	9.03	7.52	11.23	0.13	9.62	9.74	31	0	0
18/05/2025	23:00	9.1	7.53	11.2	0.13	9.62	9.74	30.9	0	0
18/05/2025	23:30	9.12	7.53	11.44	0.13	9.62	9.74	30.8	0	0
19/05/2025	00:00	8.96	7.51	11.78	0.13	9.62	9.74	30.7	0	0
19/05/2025	00:30	8.99	7.49	11.76	0.25	9.61	9.86	30.6	0	0
19/05/2025	01:00	8.96	7.49	11.38	0.25	9.61	9.86	30.6	0	0
19/05/2025	01:30	9.06	7.49	11.63	0.25	9.61	9.86	30.6	0	0
19/05/2025	02:00	9.1	7.49	11.63	0.25	9.61	9.86	30.5	0	0
19/05/2025	02:30	9.15	7.5	11.3	0.25	9.61	9.86	30.4	0	0
19/05/2025	03:00	9.15	7.5	11.06	0.25	9.61	9.86	30.4	0	0
19/05/2025	03:30	9.08	7.51	11.25	0.25	9.61	9.86	30.3	0	0
19/05/2025	04:00	9.12	7.52	11.2	0.25	9.61	9.86	30.3	0	0
19/05/2025	04:30	9.12	7.33	13.32	0.25	9.61	9.86	30.7	140.41	0
19/05/2025	05:00	9.64	7.11	14.17	0.25	9.61	9.86	31.4	145.69	0
19/05/2025	05:30	9.64	7.07	13.31	0.25	9.61	9.86	31.5	150.62	0
19/05/2025	06:00	10.08	7	15.59	0.25	9.61	9.86	31.5	151.23	0
19/05/2025	06:30	10.03	6.95	14.44	0.16	9.63	9.8	31.5	153.85	0
19/05/2025	07:00	10.03	6.93	14.59	0.16	9.63	9.8	31.5	153.7	0
19/05/2025	07:30	10.01	6.92	7.55	0.16	9.63	9.8	31.5	149.31	0

19/05/2025	08:00	10.01	6.9	7.23	0.16	9.63	9.8	31.5	148.64	104.69
19/05/2025	08:30	9.92	6.89	7.56	0.16	9.63	9.8	31.6	143.85	101.15
19/05/2025	09:00	9.9	6.86	7.41	0.16	9.63	9.8	31.6	194.64	99.28
19/05/2025	09:30	9.85	6.98	7.18	0.16	9.63	9.8	31.6	139.72	96.98
19/05/2025	10:00	14.68	7.26	13.74	0.26	7.13	7.4	31.8	0	97.09
19/05/2025	10:30	19.33	7.57	9.88	0.36	12.63	13	32	0	97.37
19/05/2025	11:00	25.44	7.72	9.73	0.36	12.63	13	32.1	0	98.08
19/05/2025	11:30	34.94	7.75	1.5	0.5	16.13	16.64	32	0	97.86
19/05/2025	12:00	10.96	7.75	14.2	0.7	5.03	5.74	31.6	0	0
19/05/2025	12:30	19.21	7.73	21.84	0.99	3.53	4.53	31.3	4.82	0
19/05/2025	13:00	19.42	7.84	7.27	0.2	9.43	9.64	31.1	5.63	0
19/05/2025	13:30	19.28	8.1	7.23	0.24	9.45	9.68	31	9.56	0
19/05/2025	14:00	19.4	8.28	7.56	0.24	9.45	9.68	30.9	6.8	112.48
19/05/2025	14:30	19.4	8.32	7.36	0.24	9.45	9.68	30.9	4.33	110.76
19/05/2025	15:00	19.42	8.33	7.3	0.24	9.45	9.68	30.9	1.86	109.56
19/05/2025	15:30	19.54	8.32	7.19	0.24	9.45	9.68	30.9	0	108.2
19/05/2025	16:00	19.72	8.32	7.35	0.24	9.45	9.68	30.9	0	107.49
19/05/2025	16:30	19.79	8.31	7.76	0.24	9.45	9.68	30.8	0	106.55
19/05/2025	17:00	19.81	8.3	7.56	0.24	9.45	9.68	30.7	0	106.78
19/05/2025	17:30	19.79	8.28	7.78	0.24	9.45	9.68	30.6	0	106.5
19/05/2025	18:00	19.91	8.27	7.23	0.24	9.45	9.68	30.6	0	108.23
19/05/2025	18:30	19.91	8.26	7.68	0.24	9.45	9.68	30.5	0	107.04
19/05/2025	19:00	19.91	8.24	7.5	0.24	9.45	9.68	30.5	0	0
19/05/2025	19:30	19.91	8.22	7.19	0.24	9.57	9.82	30.4	0	106.94
19/05/2025	20:00	19.89	8.2	7.96	0.24	9.57	9.82	30.4	0	105.58
19/05/2025	20:30	19.81	8.18	7.23	0.24	9.57	9.82	30.3	0	104.9
19/05/2025	21:00	19.94	8.16	7.22	0.24	9.57	9.82	30.3	0	104.73
19/05/2025	21:30	19.94	8.13	7.23	0.24	9.57	9.82	30.2	0	103.8
19/05/2025	22:00	19.94	8.1	7.2	0.24	9.57	9.82	30.2	0	103.89
19/05/2025	22:30	19.81	8.06	7.82	0.24	9.57	9.82	30.1	0	103.51
19/05/2025	23:00	19.94	8.03	7.67	0.24	9.57	9.82	30.1	0	102.8
19/05/2025	23:30	19.96	7.99	7.35	0.24	9.57	9.82	30.1	0	103.14
20/05/2025	00:00	19.96	7.95	8	0.24	9.57	9.82	30.1	0	102.77
20/05/2025	00:30	19.94	7.93	7.27	0.24	9.57	9.82	30	0	102.22

20/05/2025	01:00	20.07	7.88	7.28	0.24	9.57	9.82	30	0	102
20/05/2025	01:30	20.03	7.84	7.23	0.17	9.44	9.61	29.9	0	101.27
20/05/2025	02:00	20.07	8.48	7.23	0.17	9.44	9.61	30.1	76.67	100.04
20/05/2025	02:30	20.03	8.87	3.63	0.17	9.44	9.61	30.1	89.57	101.33
20/05/2025	03:00	19.56	8.8	7.98	0.17	9.44	9.61	30.1	31.73	99.66
20/05/2025	03:30	19.45	8.81	3.33	0.17	9.44	9.61	30.1	60.08	99.25
20/05/2025	04:00	19.23	9.04	5.54	0.17	9.44	9.61	30.1	66.4	98.64
20/05/2025	04:30	19.23	8.88	4.96	0.17	9.44	9.61	30.3	67.73	98.74
20/05/2025	05:00	19.26	8.69	24.92	0.17	9.44	9.61	30.4	68.54	99.04
20/05/2025	05:30	19.63	8.37	12.34	0.17	9.44	9.61	30.5	68.38	98.66
20/05/2025	06:00	19.81	8.08	7.63	0.17	9.44	9.61	30.6	86.79	97.95
20/05/2025	06:30	19.91	7.87	22.3	0.17	9.44	9.61	30.7	119.14	97.95
20/05/2025	07:00	19.91	7.77	7.63	0.17	9.44	9.61	30.8	129.51	98.71
20/05/2025	07:30	19.63	7.62	29.83	0.27	9.49	9.75	30.8	117.07	99.01
20/05/2025	08:00	19.58	7.59	7.33	0.27	9.49	9.75	30.8	104.31	99.54
20/05/2025	08:30	19.61	7.55	7.22	0.27	9.49	9.75	30.9	81.76	98.12
20/05/2025	09:00	19.58	7.54	7.7	0.27	9.49	9.75	30.9	117.78	97.98
20/05/2025	09:30	19.61	7.51	7.26	0.27	9.49	9.75	31.1	109.81	98.29
20/05/2025	10:00	19.63	7.5	7.78	0.27	9.49	9.75	31.2	73.69	0
20/05/2025	10:30	19.72	7.48	7.26	0.27	9.49	9.75	31.3	42.53	0
20/05/2025	11:00	19.63	7.48	7.39	0.27	9.49	9.75	31.3	18.38	104.96
20/05/2025	11:30	19.65	7.5	7.24	0.27	9.49	9.75	31.6	26.06	102.45
20/05/2025	12:00	19.65	7.52	7.27	0.27	9.49	9.75	31.5	47.74	101.76
20/05/2025	12:30	19.81	7.55	7.21	0.27	9.49	9.75	31.5	49.91	99.17
20/05/2025	13:00	19.75	7.61	7.2	0.27	9.49	9.75	31.5	50.59	97.82
20/05/2025	13:30	19.68	7.65	7.46	0.2	9.53	9.73	31.4	70.54	97.85
20/05/2025	14:00	19.68	7.7	7.7	0.2	9.53	9.73	31.3	43.7	97.26
20/05/2025	14:30	19.52	7.7	7.21	0.2	9.53	9.73	31.3	67.28	99.29
20/05/2025	15:00	19.91	7.63	7.65	0.2	9.53	9.73	31.2	118.14	100.47
20/05/2025	15:30	19.86	7.57	7.34	0.2	9.53	9.73	31.2	124.89	100.72
20/05/2025	16:00	19.79	7.54	7.9	0.2	9.53	9.73	31.2	113.59	99.51
20/05/2025	16:30	19.79	7.47	7.28	0.2	9.53	9.73	31.2	113.7	99.2
20/05/2025	17:00	19.56	7.41	7.3	0.2	9.53	9.73	31.2	133.1	98.53
20/05/2025	17:30	19.68	7.41	7.41	0.2	9.53	9.73	31.1	128.77	98.47

20/05/2025	18:00	19.56	7.38	7.19	0.2	9.53	9.73	31.1	126.41	98.59
20/05/2025	18:30	19.56	7.35	7.25	0.2	9.53	9.73	31.1	127.41	97.11
20/05/2025	19:00	19.58	7.36	7.78	0.2	9.53	9.73	31	100.4	97.64
20/05/2025	19:30	19.52	7.38	7.76	0.24	9.54	9.78	31.1	91.21	96.08
20/05/2025	20:00	19.4	7.39	7.2	0.24	9.54	9.78	31.1	94.93	97.15
20/05/2025	20:30	19.35	7.49	7.78	0.24	9.54	9.78	31	102.87	95.88
20/05/2025	21:00	19.38	7.62	8	0.24	9.54	9.78	31	102.02	94.87
20/05/2025	21:30	19.23	7.64	7.39	0.24	9.54	9.78	31	98.27	93.06
20/05/2025	22:00	19.14	7.58	7.21	0.24	9.54	9.78	31	91.26	93.48
20/05/2025	22:30	19.19	7.56	7.17	0.24	9.54	9.78	31	101.82	92.5
20/05/2025	23:00	19.12	7.53	8	0.24	9.54	9.78	30.9	93.93	94.49
20/05/2025	23:30	19.14	7.49	7.27	0.24	9.54	9.78	31	96.76	94.28
21/05/2025	00:00	18.91	7.45	7.22	0.24	9.54	9.78	31	88.5	93.2
21/05/2025	00:30	19.19	7.42	7.64	0.24	9.54	9.78	31	91.87	92.2
21/05/2025	01:00	19.28	7.39	7.94	0.24	9.54	9.78	31	93.12	91.71
21/05/2025	01:30	19.28	7.37	8	0.27	9.48	9.75	30.9	85.93	90.66
21/05/2025	02:00	19.28	7.36	7.24	0.27	9.48	9.75	30.9	85.22	90.46
21/05/2025	02:30	19.21	7.34	7.72	0.27	9.48	9.75	30.9	85.28	90.63
21/05/2025	03:00	19.19	7.34	7.4	0.27	9.48	9.75	30.9	82.41	89.97
21/05/2025	03:30	19.14	7.33	7.54	0.27	9.48	9.75	30.9	80.87	88.18
21/05/2025	04:00	19.17	7.33	7.74	0.27	9.48	9.75	30.8	79.78	87.91
21/05/2025	04:30	19.17	7.33	7.32	0.27	9.48	9.75	30.8	71.93	90.17
21/05/2025	05:00	19.23	7.32	7.39	0.27	9.48	9.75	30.8	60.81	91.58
21/05/2025	05:30	19.19	7.32	7.5	0.27	9.48	9.75	30.8	84	0
21/05/2025	06:00	19.07	7.32	7.23	0.27	9.48	9.75	30.8	69.99	0
21/05/2025	06:30	19.07	7.34	7.23	0.27	9.48	9.75	30.7	34.1	102.61
21/05/2025	07:00	19.03	7.35	7.46	0.27	9.48	9.75	30.7	10.74	99.43
21/05/2025	07:30	19.1	7.36	11.02	0.2	9.5	9.7	30.7	45.76	99.41
21/05/2025	08:00	19.07	7.38	26.96	0.2	9.5	9.7	30.7	121.71	99.14
21/05/2025	08:30	19.05	7.36	7.18	0.2	9.5	9.7	30.8	121.05	98.64
21/05/2025	09:00	19.05	7.4	7.44	0.2	9.5	9.7	31	120.54	96.64
21/05/2025	09:30	18.79	7.35	7.57	0.2	9.5	9.7	31.1	91.55	94.97
21/05/2025	10:00	18.89	7.34	7.64	0.2	9.5	9.7	31.3	82.93	94.1
21/05/2025	10:30	18.91	7.34	7.28	0.2	9.5	9.7	31.4	73.59	94

21/05/2025	11:00	18.91	7.36	8	0.2	9.5	9.7	31.5	76.21	94.83
21/05/2025	11:30	18.79	7.36	7.48	0.2	9.5	9.7	31.8	82.58	94.33
21/05/2025	12:00	18.84	7.36	8	0.2	9.5	9.7	31.8	88.13	93.57
21/05/2025	12:30	18.87	7.37	7.86	0.2	9.5	9.7	32	78.97	92.48
21/05/2025	13:00	18.89	7.4	7.68	0.2	9.5	9.7	32	72.98	92.38
21/05/2025	13:30	18.89	7.41	7.24	0.23	9.45	9.68	32	68.7	92.04
21/05/2025	14:00	18.79	7.41	7.17	0.23	9.45	9.68	32.1	63.37	90.85
21/05/2025	14:30	18.72	7.42	7.45	0.23	9.45	9.68	32	68.17	90.36
21/05/2025	15:00	18.96	7.43	7.78	0.23	9.45	9.68	31.9	68.21	90.67
21/05/2025	15:30	18.98	7.39	7.3	0.23	9.45	9.68	31.8	108.02	93.24
21/05/2025	16:00	18.98	7.37	7.37	0.23	9.45	9.68	31.6	43.7	92.85
21/05/2025	16:30	18.87	7.35	7.68	0.23	9.45	9.68	31.5	76.01	92.31
21/05/2025	17:00	18.87	7.32	7.22	0.23	9.45	9.68	31.4	88.13	91.19
21/05/2025	17:30	18.75	7.31	7.41	0.23	9.45	9.68	31.3	88.82	91.05
21/05/2025	18:00	18.75	7.35	7.17	0.23	9.45	9.68	31.4	87.69	91.42
21/05/2025	18:30	18.77	7.32	7.21	0.23	9.45	9.68	31.4	89.36	91.13
21/05/2025	19:00	18.7	7.3	7.35	0.23	9.45	9.68	31.3	93.82	92.52
21/05/2025	19:30	18.68	7.28	7.16	0.29	9.48	9.78	31.4	95.15	95.91
21/05/2025	20:00	18.7	7.3	7.35	0.29	9.48	9.78	31.3	153.07	0
21/05/2025	20:30	18.72	7.31	7.21	0.29	9.48	9.78	31.4	76.35	0
21/05/2025	21:00	18.52	7.3	7.51	0.29	9.48	9.78	31.4	34.78	0
21/05/2025	21:30	18.49	7.31	7.22	0.29	9.48	9.78	31.3	22.37	0
21/05/2025	22:00	18.43	7.32	7.18	0.29	9.48	9.78	31.3	16.89	0
21/05/2025	22:30	18.45	7.32	7.24	0.29	9.48	9.78	31.2	12.79	0
21/05/2025	23:00	18.45	7.33	29.8	0.29	9.48	9.78	31.2	10.05	0
21/05/2025	23:30	18.54	7.34	7.25	0.29	9.48	9.78	31.2	9.9	0
22/05/2025	00:00	18.61	7.35	7.27	0.29	9.48	9.78	31.1	9.69	0
22/05/2025	00:30	18.68	7.35	7.28	0.29	9.48	9.78	31.1	8.66	0
22/05/2025	01:00	18.65	7.36	13.21	0.29	9.48	9.78	31.1	8.61	0
22/05/2025	01:30	18.65	7.36	7.32	0.36	9.47	9.84	31.1	9.15	0
22/05/2025	02:00	18.75	7.36	7.55	0.36	9.47	9.84	31.1	9.78	0
22/05/2025	02:30	18.75	7.37	7.78	0.36	9.47	9.84	31	5.26	102.11
22/05/2025	03:00	18.79	7.38	10.14	0.36	9.47	9.84	31	4.87	100.7
22/05/2025	03:30	18.79	7.39	14.37	0.36	9.47	9.84	30.9	7.34	98.82

22/05/2025	04:00	18.77	7.35	7.24	0.36	9.47	9.84	31	96.03	100.02
22/05/2025	04:30	18.7	7.44	7.21	0.36	9.47	9.84	31	99.62	99.56
22/05/2025	05:00	18.61	7.6	7.45	0.36	9.47	9.84	30.9	100.6	100.14
22/05/2025	05:30	18.61	7.42	7.22	0.36	9.47	9.84	31.1	97.39	97.8
22/05/2025	06:00	18.61	7.32	7.42	0.36	9.47	9.84	31.2	93.58	96.9
22/05/2025	06:30	18.49	7.28	7.18	0.36	9.47	9.84	31.2	96.85	95.4
22/05/2025	07:00	18.4	7.28	7.73	0.36	9.47	9.84	31.2	103.4	94.61
22/05/2025	07:30	18.23	7.27	7.58	0.26	9.49	9.75	31.2	106.53	95.69
22/05/2025	08:00	18.23	7.27	7.2	0.26	9.49	9.75	31.2	109.07	0
22/05/2025	08:30	18.03	7.27	7.15	0.26	9.49	9.75	31.3	106.56	0
22/05/2025	09:00	18.1	7.31	7.2	0.26	9.49	9.75	31.3	52.33	0
22/05/2025	09:30	18.1	7.37	7.22	0.26	9.49	9.75	31.4	25.59	0
22/05/2025	10:00	18.17	7.38	7.26	0.26	9.49	9.75	31.5	12.86	0
22/05/2025	10:30	18.17	7.38	7.21	0.26	9.49	9.75	31.6	9.22	205.97
22/05/2025	11:00	18.21	7.37	7.66	0.26	9.49	9.75	31.7	8.46	186.17
22/05/2025	11:30	18.14	7.39	7.22	0.26	9.49	9.75	31.8	61.78	182.16
22/05/2025	12:00	18.1	7.4	7.54	0.26	9.49	9.75	31.9	98.86	118.95
22/05/2025	12:30	18.07	7.54	7.48	0.26	9.49	9.75	32.1	108.88	176.54
22/05/2025	13:00	18.1	7.66	7.42	0.26	9.49	9.75	32.1	119.95	174.13
22/05/2025	13:30	18.12	7.48	7.3	0.3	9.53	9.83	31.9	117.51	172.21
22/05/2025	14:00	18.17	7.36	7.3	0.3	9.53	9.83	31.8	120.81	171.44
22/05/2025	14:30	18.1	7.31	7.19	0.3	9.53	9.83	31.7	121.68	0
22/05/2025	15:00	18.1	7.29	7.32	0.3	9.53	9.83	31.3	129.75	0
22/05/2025	15:30	17.96	7.28	7.19	0.3	9.53	9.83	31.4	61.34	0
22/05/2025	16:00	18.1	7.28	7.21	0.3	9.53	9.83	31.4	33.78	0
22/05/2025	16:30	18.1	7.29	7.22	0.3	9.53	9.83	31.4	49.57	197.62
22/05/2025	17:00	18.03	7.3	7.7	0.3	9.53	9.83	31.4	104.75	135.55
22/05/2025	17:30	18.03	7.39	7.32	0.3	9.53	9.83	31.5	120.75	193.91
22/05/2025	18:00	18.12	7.46	7.24	0.3	9.53	9.83	31.5	129.09	186.98
22/05/2025	18:30	18.07	7.31	7.24	0.3	9.53	9.83	31.4	104.5	0
22/05/2025	19:00	18.19	7.26	7.22	0.3	9.53	9.83	31.4	51.91	0
22/05/2025	19:30	18.23	7.25	7.19	0.32	9.53	9.85	31.4	28.01	0
22/05/2025	20:00	18.19	7.27	23.38	0.32	9.53	9.85	31.3	19.75	0
22/05/2025	20:30	17.96	7.27	10.53	0.32	9.53	9.85	31.3	14.5	0

22/05/2025	21:00	18.01	7.28	17.13	0.32	9.53	9.85	31.2	27.23	194.48
22/05/2025	21:30	17.94	7.26	14.51	0.32	9.53	9.85	31.3	92.36	189.65
22/05/2025	22:00	17.96	7.28	16.82	0.32	9.53	9.85	31.3	126.18	184.55
22/05/2025	22:30	17.91	7.37	17.98	0.32	9.53	9.85	31.1	136.2	173.58
22/05/2025	23:00	18.01	7.27	7.18	0.32	9.53	9.85	31.3	141.36	170.21
22/05/2025	23:30	17.98	7.22	7.23	0.32	9.53	9.85	31.3	140.31	0
23/05/2025	00:00	17.79	7.2	7.31	0.32	9.53	9.85	31.3	142.8	0
23/05/2025	00:30	17.77	7.19	7.69	0.32	9.53	9.85	31.4	138.35	170.64
23/05/2025	01:00	17.85	7.19	7.18	0.32	9.53	9.85	31.3	140.5	165.95
23/05/2025	01:30	17.89	7.18	7.25	0.31	9.42	9.73	31.3	136.72	0
23/05/2025	02:00	17.91	7.18	7.33	0.31	9.42	9.73	31.3	137.72	0
23/05/2025	02:30	17.94	7.19	7.38	0.31	9.42	9.73	31.3	133.08	0
23/05/2025	03:00	17.94	7.2	7.2	0.31	9.42	9.73	31.3	131.68	0
23/05/2025	03:30	18.03	7.19	7.77	0.31	9.42	9.73	31.2	129.17	167.48
23/05/2025	04:00	18.17	7.19	7.25	0.31	9.42	9.73	31.2	130.36	170.87
23/05/2025	04:30	18.14	7.18	7.16	0.31	9.42	9.73	31.2	130.66	0
23/05/2025	05:00	18.17	7.18	7.83	0.31	9.42	9.73	31.2	123.59	0
23/05/2025	05:30	18.14	7.19	7.19	0.31	9.42	9.73	31.2	128.16	172.85
23/05/2025	06:00	18.19	7.19	7.25	0.31	9.42	9.73	31.1	115.11	172.96
23/05/2025	06:30	18.19	7.19	7.44	0.31	9.42	9.73	31.1	107.17	172.37
23/05/2025	07:00	18.26	7.2	7.51	0.31	9.42	9.73	31.1	103.48	172.62
23/05/2025	07:30	18.23	7.2	26.5	0.3	9.53	9.83	31.2	116.18	0
23/05/2025	08:00	18.26	7.22	8	0.3	9.53	9.83	31.2	119.93	94.81
23/05/2025	08:30	18.33	7.23	12.36	0.3	9.53	9.83	31	111.05	0
23/05/2025	09:00	18.59	7.23	7.7	0.3	9.53	9.83	31.2	93.65	0
23/05/2025	09:30	18.56	7.23	9.9	0.3	9.53	9.83	31.3	89.5	0
23/05/2025	10:00	18.59	7.24	7.35	0.3	9.53	9.83	31.3	87.82	171.7
23/05/2025	10:30	18.38	7.26	14.18	0.3	9.53	9.83	31.4	38.65	168.32
23/05/2025	11:00	18.36	7.28	7.78	0.3	9.53	9.83	31.5	81.36	162.31
23/05/2025	11:30	18.56	7.29	5.34	0.3	9.53	9.83	31.5	106.44	30.58
23/05/2025	12:00	18.56	7.31	24.91	0.3	9.53	9.83	31.6	101.02	-86.44
23/05/2025	12:30	18.65	7.3	8.12	0.3	9.53	9.83	31.7	105.36	161.25
23/05/2025	13:00	18.68	7.32	12.25	0.3	9.53	9.83	31.8	102.47	580.84
23/05/2025	13:30	18.68	7.32	6.42	0.26	9.46	9.73	31.8	89.48	163.68

23/05/2025	14:00	18.72	7.33	7.35	0.26	9.46	9.73	31.7	100.16	159.78
23/05/2025	14:30	18.75	7.33	7.08	0.26	9.46	9.73	31.7	105.83	158.19
23/05/2025	15:00	18.79	7.33	11.83	0.26	9.46	9.73	31.6	101.04	0
23/05/2025	15:30	18.94	7.39	7.42	0.26	9.46	9.73	31.5	83.32	159.01
23/05/2025	16:00	18.89	7.4	7.21	0.26	9.46	9.73	31.5	102.26	0
23/05/2025	16:30	18.89	7.4	8.7	0.26	9.46	9.73	31.5	99.57	171.98
23/05/2025	17:00	18.89	7.42	8.76	0.26	9.46	9.73	31.5	79.7	-212.28
23/05/2025	17:30	18.84	7.38	14.73	0.26	9.46	9.73	31.5	109.59	0
23/05/2025	18:00	18.89	7.34	11.26	0.26	9.46	9.73	31.4	63.45	0
23/05/2025	18:30	18.84	7.37	17.2	0.26	9.46	9.73	31.3	78.8	171.7
23/05/2025	19:00	18.87	7.34	14.72	0.26	9.46	9.73	31.3	64.01	170.17
23/05/2025	19:30	18.68	7.28	15.32	0.23	9.57	9.8	31.3	60.47	0
23/05/2025	20:00	18.65	7.29	14.5	0.23	9.57	9.8	31.3	61.08	173.75
23/05/2025	20:30	18.65	7.29	14.7	0.23	9.57	9.8	31.3	62.91	0
23/05/2025	21:00	18.65	7.28	7.97	0.23	9.57	9.8	31.2	65.16	0
23/05/2025	21:30	18.65	7.27	7.98	0.23	9.57	9.8	31.3	62.79	172.84
23/05/2025	22:00	18.43	7.34	8.89	0.23	9.57	9.8	31.3	88.62	0
23/05/2025	22:30	18.28	7.45	7.65	0.23	9.57	9.8	31.3	119.32	169.51
23/05/2025	23:00	18.14	7.45	10.22	0.23	9.57	9.8	31.3	127.39	0
23/05/2025	23:30	18.12	7.36	7.24	0.23	9.57	9.8	31.3	131.56	169.48
24/05/2025	00:00	18.14	7.3	21.99	0.23	9.57	9.8	31.4	126.04	171.28
24/05/2025	00:30	18.07	7.28	10.87	0.23	9.57	9.8	31.4	127.46	0
24/05/2025	01:00	18.05	7.26	7.47	0.23	9.57	9.8	31.4	103.28	0
24/05/2025	01:30	17.96	7.24	21.99	0.28	9.48	9.76	31.4	78.5	170.75
24/05/2025	02:00	18.01	7.22	20.49	0.28	9.48	9.76	31.3	80.85	0
24/05/2025	02:30	17.91	7.22	11.14	0.28	9.48	9.76	31.3	83.34	171.57
24/05/2025	03:00	17.89	7.24	9.5	0.28	9.48	9.76	31.3	85.03	0
24/05/2025	03:30	17.89	7.25	7.61	0.28	9.48	9.76	31.2	83.81	-68.74
24/05/2025	04:00	17.91	7.24	10.67	0.28	9.48	9.76	31.2	86.71	169.49
24/05/2025	04:30	17.89	7.23	11.5	0.28	9.48	9.76	31.2	85.22	0
24/05/2025	05:00	17.87	7.22	8.53	0.28	9.48	9.76	31.2	78.5	0
24/05/2025	05:30	17.87	7.22	23.32	0.28	9.48	9.76	31.2	66.19	166.89
24/05/2025	06:00	17.79	7.22	14.66	0.28	9.48	9.76	31.1	69.24	0
24/05/2025	06:30	17.77	7.22	8.51	0.28	9.48	9.76	31.1	76.72	170.99

24/05/2025	07:00	17.79	7.22	7.89	0.28	9.48	9.76	31.1	98.42	170.33
24/05/2025	07:30	17.79	7.23	9.93	0.21	9.47	9.68	31.1	128.36	0
24/05/2025	08:00	17.77	7.23	8.58	0.21	9.47	9.68	31.2	106.66	169.82
24/05/2025	08:30	17.68	7.22	7.36	0.21	9.47	9.68	31.3	104.24	0
24/05/2025	09:00	17.7	7.25	29.11	0.21	9.47	9.68	31.3	111.45	0
24/05/2025	09:30	17.65	7.28	7.27	0.21	9.47	9.68	31.3	76.18	0
24/05/2025	10:00	17.75	7.27	17.1	0.21	9.47	9.68	31.4	31.89	0
24/05/2025	10:30	17.77	7.27	21.23	0.21	9.47	9.68	31.4	18.02	0
24/05/2025	11:00	17.75	7.28	17.17	0.21	9.47	9.68	31.5	10.86	192.35
24/05/2025	11:30	17.75	7.29	12.74	0.21	9.47	9.68	31.5	3.62	185.2
24/05/2025	12:00	17.89	7.3	8.27	0.21	9.47	9.68	31.6	51.23	173.81
24/05/2025	12:30	17.85	7.26	9.56	0.21	9.47	9.68	31.6	119.32	0
24/05/2025	13:00	17.7	7.36	9.78	0.21	9.47	9.68	31.2	150.31	0
24/05/2025	13:30	17.72	7.27	17.87	0.26	9.48	9.74	31.2	64.55	0
24/05/2025	14:00	17.72	7.27	7.2	0.26	9.48	9.74	31.3	32.66	0
24/05/2025	14:30	17.61	7.29	13.43	0.26	9.48	9.74	31.1	29.92	0
24/05/2025	15:00	17.63	7.3	12.12	0.26	9.48	9.74	31.2	10.44	195.94
24/05/2025	15:30	17.72	7.31	16.31	0.26	9.48	9.74	31.1	20.24	194.33
24/05/2025	16:00	17.7	7.29	5.68	0.26	9.48	9.74	31.3	136.28	192.52
24/05/2025	16:30	17.89	7.33	7.06	0.26	9.48	9.74	31.2	136.45	192.51
24/05/2025	17:00	18.01	7.29	4.9	0.26	9.48	9.74	31.2	135.49	190.4
24/05/2025	17:30	18.01	7.25	8.13	0.26	9.48	9.74	31.3	138.06	189.16
24/05/2025	18:00	18.01	7.23	7.51	0.26	9.48	9.74	31.3	139.99	0
24/05/2025	18:30	17.98	7.2	12.15	0.26	9.48	9.74	31.3	138.87	0
24/05/2025	19:00	17.91	7.2	10.31	0.26	9.48	9.74	31.3	125.87	199.3
24/05/2025	19:30	17.98	7.19	12.9	0.29	9.5	9.78	31.2	129.24	193.55
24/05/2025	20:00	17.98	7.24	12.26	0.29	9.5	9.78	31.2	127.21	190.39
24/05/2025	20:30	17.96	7.28	16.39	0.29	9.5	9.78	31.2	132.76	187.02
24/05/2025	21:00	17.96	7.27	7.17	0.29	9.5	9.78	31.2	135.39	0
24/05/2025	21:30	18.07	7.25	17.76	0.29	9.5	9.78	31.2	135.11	0
24/05/2025	22:00	18.12	7.24	21.07	0.29	9.5	9.78	31.1	127.14	193.05
24/05/2025	22:30	18.01	7.23	23.17	0.29	9.5	9.78	31.2	125.36	188.07
24/05/2025	23:00	18.03	7.21	24.95	0.29	9.5	9.78	31.1	131.71	0
24/05/2025	23:30	18.12	7.19	7.15	0.29	9.5	9.78	31.2	125.87	0

25/05/2025	00:00	18.17	7.18	23.14	0.29	9.5	9.78	31.2	121.12	0
25/05/2025	00:30	18.17	7.17	16.58	0.29	9.5	9.78	31.1	85.86	191.2
25/05/2025	01:00	18.1	7.17	17.45	0.29	9.5	9.78	31.1	113.77	184.42
25/05/2025	01:30	18.07	7.17	14.06	0.22	9.49	9.71	31.1	122.59	175.74
25/05/2025	02:00	18.17	7.18	12.83	0.22	9.49	9.71	31.1	124.23	0
25/05/2025	02:30	18.23	7.17	14.63	0.22	9.49	9.71	31.1	128.53	0
25/05/2025	03:00	18.26	7.16	16.58	0.22	9.49	9.71	31	129.8	0
25/05/2025	03:30	18.23	7.16	17.46	0.22	9.49	9.71	31	134.32	0
25/05/2025	04:00	18.26	7.16	10.85	0.22	9.49	9.71	31	63.04	0
25/05/2025	04:30	18.3	7.16	7.88	0.22	9.49	9.71	30.9	31.29	0
25/05/2025	05:00	18.36	7.18	14.29	0.22	9.49	9.71	30.9	20.32	0
25/05/2025	05:30	18.33	7.19	29.35	0.22	9.49	9.71	30.8	16.99	196.24
25/05/2025	06:00	18.33	7.2	10.6	0.22	9.49	9.71	30.8	7.97	188.18
25/05/2025	06:30	18.33	7.22	6.73	0.22	9.49	9.71	30.7	55.11	181.47
25/05/2025	07:00	18.38	7.17	8	0.22	9.49	9.71	30.8	119.73	171.52
25/05/2025	07:30	18.4	7.23	6.27	0.26	9.5	9.76	30.7	123.57	0
25/05/2025	08:00	18.38	7.22	8.62	0.26	9.5	9.76	30.7	122.33	0
25/05/2025	08:30	18.38	7.16	20.47	0.26	9.5	9.76	30.9	118.34	171.81
25/05/2025	09:00	18.14	7.15	23.31	0.26	9.5	9.76	31	117.21	0
25/05/2025	09:30	18.21	7.15	19.44	0.26	9.5	9.76	31.1	118.34	0
25/05/2025	10:00	18.26	7.15	7.76	0.26	9.5	9.76	31.1	113.57	171.87
25/05/2025	10:30	18.26	7.15	27.27	0.26	9.5	9.76	31.1	114.6	171.99
25/05/2025	11:00	18.28	7.16	7.16	0.26	9.5	9.76	31.2	121.98	0
25/05/2025	11:30	18.1	7.2	7.23	0.26	9.5	9.76	31.4	107.2	172.96
25/05/2025	12:00	18.07	7.23	7.25	0.26	9.5	9.76	31.3	105.66	172.84
25/05/2025	12:30	18.14	7.25	7.3	0.26	9.5	9.76	31.2	110.1	0
25/05/2025	13:00	18.17	7.26	7.79	0.26	9.5	9.76	31.1	84.1	0
25/05/2025	13:30	18.28	7.25	7.34	0.23	9.47	9.7	31.1	83.83	172.34
25/05/2025	14:00	18.21	7.25	28.98	0.23	9.47	9.7	31	89.18	0
25/05/2025	14:30	18.21	7.27	7.4	0.23	9.47	9.7	31	92.12	0
25/05/2025	15:00	18.3	7.27	7.42	0.23	9.47	9.7	31	86.47	171.01
25/05/2025	15:30	18.28	7.26	7.22	0.23	9.47	9.7	31.1	95.36	0
25/05/2025	16:00	18.33	7.24	16.15	0.23	9.47	9.7	31.1	87.1	0
25/05/2025	16:30	18.4	7.24	21.1	0.23	9.47	9.7	31.1	75.72	173.77

25/05/2025	17:00	18.43	7.24	8	0.23	9.47	9.7	31.1	79.29	173.23
25/05/2025	17:30	18.4	7.24	7.19	0.23	9.47	9.7	31.1	74.98	170.97
25/05/2025	18:00	18.43	7.25	18.16	0.23	9.47	9.7	31	76.67	0
25/05/2025	18:30	18.4	7.26	7.23	0.23	9.47	9.7	31	78.57	0
25/05/2025	19:00	18.38	7.28	13.18	0.23	9.47	9.7	31	77.16	0
25/05/2025	19:30	18.47	7.28	15.54	0.32	9.5	9.82	31	78.21	171.5
25/05/2025	20:00	18.47	7.28	7.27	0.32	9.5	9.82	31	74.77	169.68
25/05/2025	20:30	18.38	7.28	13.77	0.32	9.5	9.82	30.9	79.24	0
25/05/2025	21:00	18.45	7.28	19.22	0.32	9.5	9.82	30.9	71.9	0
25/05/2025	21:30	18.45	7.28	10.31	0.32	9.5	9.82	30.9	73.39	0
25/05/2025	22:00	18.47	7.4	7.87	0.32	9.5	9.82	30.9	66.31	0
25/05/2025	22:30	18.47	7.55	7.21	0.32	9.5	9.82	30.9	71.29	168.8
25/05/2025	23:00	18.45	7.61	7.21	0.32	9.5	9.82	30.8	71.37	167.92
25/05/2025	23:30	18.52	7.63	14.99	0.32	9.5	9.82	30.8	72.02	164.95
26/05/2025	00:00	18.59	7.63	7.24	0.32	9.5	9.82	30.9	78.01	0
26/05/2025	00:30	18.56	7.63	25.79	0.32	9.5	9.82	30.9	71.02	0
26/05/2025	01:00	18.56	7.6	7.44	0.32	9.5	9.82	30.8	66.53	0
26/05/2025	01:30	18.52	7.53	7.26	0.2	9.43	9.64	30.8	72.2	0
26/05/2025	02:00	18.77	7.42	28.03	0.2	9.43	9.64	30.7	68.97	0
26/05/2025	02:30	18.65	7.37	7.75	0.2	9.43	9.64	30.7	82.9	162.77
26/05/2025	03:00	18.63	7.35	18.43	0.2	9.43	9.64	30.7	110.28	169.65
26/05/2025	03:30	18.56	7.33	15.38	0.2	9.43	9.64	30.8	108.37	176.99
26/05/2025	04:00	18.77	7.32	12.36	0.2	9.43	9.64	30.7	118.81	175.67
26/05/2025	04:30	18.75	7.29	15.36	0.2	9.43	9.64	30.8	125.67	172.12
26/05/2025	05:00	18.68	7.28	7.71	0.2	9.43	9.64	30.8	125.38	170
26/05/2025	05:30	18.7	7.27	7.82	0.2	9.43	9.64	30.8	126.06	166.6
26/05/2025	06:00	18.63	7.26	7.21	0.2	9.43	9.64	30.8	131.24	0
26/05/2025	06:30	18.61	7.26	7.29	0.2	9.43	9.64	30.7	128.21	0
26/05/2025	07:00	18.91	7.3	7.27	0.2	9.43	9.64	30.7	127.31	167.58
26/05/2025	07:30	18.94	7.33	7.18	0.26	9.48	9.74	30.8	124.43	0
26/05/2025	08:00	18.91	7.33	7.52	0.26	9.48	9.74	30.8	121.76	173.75
26/05/2025	08:30	18.77	7.34	7.3	0.26	9.48	9.74	30.8	119.49	172.24
26/05/2025	09:00	19.03	7.33	7.23	0.26	9.48	9.74	30.9	117.88	35.7
26/05/2025	09:30	19.01	7.32	7.66	0.26	9.48	9.74	31	126.3	0

26/05/2025	10:00	19.05	7.31	7.49	0.26	9.48	9.74	31.1	54.18	0
26/05/2025	10:30	18.87	7.32	7.68	0.26	9.48	9.74	31.1	10.71	0
26/05/2025	11:00	19.1	7.27	7.37	0.26	9.48	9.74	31.2	153.43	0
26/05/2025	11:30	19.1	7.25	7.66	0.26	9.48	9.74	31.4	94.34	0
26/05/2025	12:00	18.94	7.2	18.2	0.26	9.48	9.74	31.6	64.33	0
26/05/2025	12:30	18.94	7.18	7.4	0.26	9.48	9.74	31.8	216.46	0
26/05/2025	13:00	19.17	7.17	29.84	0.26	9.48	9.74	31.9	189.09	0
26/05/2025	13:30	19.3	7.1	15.42	0.28	9.45	9.73	31.8	89.41	0
26/05/2025	14:00	19.21	7.12	7.21	0.28	9.45	9.73	32	4.84	182.33
26/05/2025	14:30	19.23	7.16	10.44	0.28	9.45	9.73	31.9	0.2	184.91
26/05/2025	15:00	19.19	7.19	6.52	0.28	9.45	9.73	31.8	0	0
26/05/2025	15:30	19.47	7.22	5	0.28	9.45	9.73	31.7	0.88	0
26/05/2025	16:00	19.52	7.25	5.68	0.28	9.45	9.73	31.6	0.15	0
26/05/2025	16:30	19.4	7.28	5.36	0.28	9.45	9.73	31.5	0	0
26/05/2025	17:00	19.45	7.3	5.36	0.28	9.45	9.73	31.5	0	0
26/05/2025	17:30	19.3	7.33	4.75	0.28	9.45	9.73	31.4	0	189.9
26/05/2025	18:00	19.3	7.36	4.98	0.28	9.45	9.73	31.3	0	183.61
26/05/2025	18:30	19.3	7.38	6.21	0.28	9.45	9.73	31.2	0	174.95
26/05/2025	19:00	19.3	7.39	4.72	0.28	9.45	9.73	31.1	0	0
26/05/2025	19:30	19.33	7.41	7.18	0.29	9.49	9.78	31.5	114.45	0
26/05/2025	20:00	19.28	7.22	28.65	0.29	9.49	9.78	31.4	118.93	173.63
26/05/2025	20:30	19.33	7.39	9.86	0.29	9.49	9.78	31.3	120.42	171.02
26/05/2025	21:00	19.12	7.32	14.3	0.29	9.49	9.78	31.3	121.27	0
26/05/2025	21:30	19.1	7.28	8.72	0.29	9.49	9.78	31.1	120.39	173.27
26/05/2025	22:00	19.1	7.27	25.39	0.29	9.49	9.78	31.1	117.6	171.74
26/05/2025	22:30	18.81	7.27	7.31	0.29	9.49	9.78	31.1	118.65	0
26/05/2025	23:00	18.94	7.27	22.4	0.29	9.49	9.78	31.1	117.97	172.43
26/05/2025	23:30	18.89	7.27	24.49	0.29	9.49	9.78	31.1	117.88	171.23
27/05/2025	00:00	18.89	7.27	7.98	0.29	9.49	9.78	31.1	113.52	0
27/05/2025	00:30	18.84	7.27	21.02	0.29	9.49	9.78	31.1	117.04	172.66
27/05/2025	01:00	18.91	7.27	15.85	0.29	9.49	9.78	31.1	112.74	0
27/05/2025	01:30	18.91	7.26	7.78	0.25	9.44	9.68	31.1	115.11	0
27/05/2025	02:00	18.87	7.25	7.22	0.25	9.44	9.68	31	116.34	171.32
27/05/2025	02:30	18.89	7.29	7.22	0.25	9.44	9.68	31	113.7	0

27/05/2025	03:00	18.81	7.32	7.25	0.25	9.44	9.68	31	113.8	171.32
27/05/2025	03:30	18.77	7.32	14.86	0.25	9.44	9.68	31	111.67	169.5
27/05/2025	04:00	18.79	7.32	7.23	0.25	9.44	9.68	31	117.21	169.94
27/05/2025	04:30	18.77	7.31	7.27	0.25	9.44	9.68	30.9	115.45	0
27/05/2025	05:00	18.77	7.3	11.09	0.25	9.44	9.68	30.9	111.96	170.89
27/05/2025	05:30	18.75	7.28	28.94	0.25	9.44	9.68	30.9	111.4	168.97
27/05/2025	06:00	18.87	7.26	7.2	0.25	9.44	9.68	30.8	111.52	0
27/05/2025	06:30	18.89	7.24	25.91	0.25	9.44	9.68	30.8	114.75	170.96
27/05/2025	07:00	18.89	7.21	26.91	0.25	9.44	9.68	30.9	103.92	0
27/05/2025	07:30	18.72	7.19	12.58	0.32	9.52	9.84	30.8	94.61	0
27/05/2025	08:00	18.65	7.21	7.34	0.32	9.52	9.84	30.8	41.11	0
27/05/2025	08:30	18.65	7.27	7.23	0.32	9.52	9.84	30.9	83.51	176.71
27/05/2025	09:00	18.77	7.23	7.46	0.32	9.52	9.84	31	61.47	178.22
27/05/2025	09:30	18.77	7.21	11.55	0.32	9.52	9.84	31	50.59	164.26
27/05/2025	10:00	18.72	7.25	15.71	0.32	9.52	9.84	31.2	34.59	0
27/05/2025	10:30	18.98	7.25	20.52	0.32	9.52	9.84	31.3	98.67	0
27/05/2025	11:00	19.05	7.26	19.36	0.32	9.52	9.84	31.5	92.31	162.46
27/05/2025	11:30	19.07	7.28	5.72	0.32	9.52	9.84	31.6	107.9	163.4
27/05/2025	12:00	19.05	7.27	7.41	0.32	9.52	9.84	31.5	108.25	162.42
27/05/2025	12:30	18.81	7.29	18.82	0.32	9.52	9.84	31.7	113.08	161.68
27/05/2025	13:00	18.94	7.39	8	0.32	9.52	9.84	31.5	106.53	162.92
27/05/2025	13:30	19.05	7.38	7.22	0.24	9.36	9.6	31.5	100.47	0
27/05/2025	14:00	19.05	7.38	7.28	0.24	9.36	9.6	31.4	157.59	0
27/05/2025	14:30	19.07	7.37	7.21	0.24	9.36	9.6	31.5	107.15	0
27/05/2025	15:00	19.14	7.42	7.4	0.24	9.36	9.6	31.6	93.17	160.22
27/05/2025	15:30	19.14	7.53	7.68	0.24	9.36	9.6	31.5	67.63	160.65
27/05/2025	16:00	19.03	7.41	23.64	0.24	9.36	9.6	31.5	59.32	187.1
27/05/2025	16:30	19.05	7.33	20.63	0.24	9.36	9.6	31.5	12.86	0
27/05/2025	17:00	19.14	7.32	10.76	0.24	9.36	9.6	31.4	7.34	165.43
27/05/2025	17:30	19.21	7.32	18.3	0.24	9.36	9.6	31.3	5.36	166.83
27/05/2025	18:00	19.17	7.32	10.2	0.24	9.36	9.6	31.2	37.2	161.49
27/05/2025	18:30	19.14	7.27	7.23	0.24	9.36	9.6	31.3	96.73	164.59
27/05/2025	19:00	19.17	7.29	10.21	0.24	9.36	9.6	31.3	115.38	0
27/05/2025	19:30	19.17	7.35	7.21	0.22	9.49	9.71	31.3	118.97	163.83

27/05/2025	20:00	19.21	7.24	7.21	0.22	9.49	9.71	31.3	124.38	0
27/05/2025	20:30	19.12	7.19	7.49	0.22	9.49	9.71	31.3	125.89	160.45
27/05/2025	21:00	19.14	7.19	7.68	0.22	9.49	9.71	31.3	127.33	163.65
27/05/2025	21:30	19.01	7.2	7.28	0.22	9.49	9.71	31.4	123.3	0
27/05/2025	22:00	18.96	7.2	7.57	0.22	9.49	9.71	31.4	121.71	161.38
27/05/2025	22:30	18.96	7.18	7.6	0.22	9.49	9.71	31.3	123.42	29.97
27/05/2025	23:00	19.03	7.18	7.23	0.22	9.49	9.71	31.4	118.78	0
27/05/2025	23:30	19.05	7.18	28.23	0.22	9.49	9.71	31.3	118.51	161.82
28/05/2025	00:00	19.05	7.17	7.38	0.22	9.49	9.71	31.4	103.56	0
28/05/2025	00:30	19.21	7.16	12.96	0.22	9.49	9.71	31.3	89.6	0
28/05/2025	01:00	19.4	7.17	7.26	0.22	9.49	9.71	31.3	41.68	161.83
28/05/2025	01:30	19.38	7.17	27.66	0.3	9.53	9.83	31.3	17.99	0
28/05/2025	02:00	19.38	7.18	9.24	0.3	9.53	9.83	31.2	12.12	0
28/05/2025	02:30	19.38	7.19	7.68	0.3	9.53	9.83	31.2	7.29	162.23
28/05/2025	03:00	19.28	7.2	8.36	0.3	9.53	9.83	31.1	4.7	0
28/05/2025	03:30	19.42	7.2	4.44	0.3	9.53	9.83	31.1	79.41	160.66
28/05/2025	04:00	19.4	7.17	13.94	0.3	9.53	9.83	31.1	107.53	0
28/05/2025	04:30	19.28	7.18	7.2	0.3	9.53	9.83	31.1	113.52	0
28/05/2025	05:00	19.52	7.21	27.99	0.3	9.53	9.83	31.1	118.46	159.28
28/05/2025	05:30	19.49	7.2	18.37	0.3	9.53	9.83	31.1	120.71	0
28/05/2025	06:00	19.54	7.29	7.27	0.3	9.53	9.83	31.1	121.86	0
28/05/2025	06:30	19.56	7.3	19.72	0.3	9.53	9.83	31.1	121.59	161.23
28/05/2025	07:00	19.45	7.31	7.16	0.3	9.53	9.83	31.1	118.16	0
28/05/2025	07:30	19.47	7.3	25.01	0.25	9.45	9.7	31.1	47.76	168.04
28/05/2025	08:00	19.63	7.29	14.62	0.25	9.45	9.7	31.1	45.02	0
28/05/2025	08:30	19.61	7.28	25.65	0.25	9.45	9.7	31.1	165.41	0
28/05/2025	09:00	19.58	7.33	22.42	0.25	9.45	9.7	31.2	30.95	162.99
28/05/2025	09:30	19.58	7.39	26.53	0.25	9.45	9.7	31.3	121.24	0
28/05/2025	10:00	19.58	7.26	7.23	0.25	9.45	9.7	31.3	21.02	198.41
28/05/2025	10:30	19.61	7.22	7.63	0.25	9.45	9.7	31.4	49.66	0
28/05/2025	11:00	19.61	7.22	7.56	0.25	9.45	9.7	31.6	81.9	0
28/05/2025	11:30	19.72	7.21	21.37	0.25	9.45	9.7	31.7	130.51	0
28/05/2025	12:00	19.56	7.24	7.45	0.25	9.45	9.7	31.8	53.9	0
28/05/2025	12:30	19.61	7.24	7.21	0.25	9.45	9.7	31.8	23.12	0

28/05/2025	13:00	19.7	7.25	7.9	0.25	9.45	9.7	31.8	5.4	171.31
28/05/2025	13:30	19.68	7.26	12.93	0.21	9.44	9.64	31.9	61.76	160.19
28/05/2025	14:00	19.96	7.21	8	0.21	9.44	9.64	31.9	100.09	0
28/05/2025	14:30	19.89	7.25	14.88	0.21	9.44	9.64	32	99.13	158.82
28/05/2025	15:00	19.94	7.25	7.44	0.21	9.44	9.64	31.9	96.9	0
28/05/2025	15:30	19.96	7.22	7.51	0.21	9.44	9.64	31.8	66.53	0
28/05/2025	16:00	19.96	7.21	10.01	0.21	9.44	9.64	31.7	79.78	159.51
28/05/2025	16:30	20	7.21	7.26	0.21	9.44	9.64	31.7	96.2	0
28/05/2025	17:00	20.1	7.22	7.44	0.21	9.44	9.64	31.7	106.24	160.65
28/05/2025	17:30	20.14	7.21	7.33	0.21	9.44	9.64	31.7	124.6	0
28/05/2025	18:00	20.1	7.17	21.09	0.21	9.44	9.64	31.6	109.49	0
28/05/2025	18:30	20.03	7.16	8.5	0.21	9.44	9.64	31.6	53.48	0
28/05/2025	19:00	19.98	7.16	20.42	0.21	9.44	9.64	31.6	26.38	0
28/05/2025	19:30	19.98	7.17	9.13	0.2	9.51	9.7	31.5	14.45	0
28/05/2025	20:00	20.1	7.18	13.26	0.2	9.51	9.7	31.5	11.74	0
28/05/2025	20:30	20.1	7.19	4.9	0.2	9.51	9.7	31.5	9.95	0
28/05/2025	21:00	20.12	7.2	6.07	0.2	9.51	9.7	31.4	7.92	0
28/05/2025	21:30	20.1	7.22	5.22	0.2	9.51	9.7	31.4	6.07	0
28/05/2025	22:00	20.33	7.23	4.05	0.2	9.51	9.7	31.3	7.1	277.2
28/05/2025	22:30	20.3	7.2	4.9	0.2	9.51	9.7	31.4	45.76	251.06
28/05/2025	23:00	20.33	7.17	9.98	0.2	9.51	9.7	31.4	98.62	0
28/05/2025	23:30	20.21	7.21	4.37	0.2	9.51	9.7	31.2	70.46	0
29/05/2025	00:00	20.3	7.52	5.24	0.2	9.51	9.7	31.2	40.14	0
29/05/2025	00:30	20.49	7.71	11.16	0.2	9.51	9.7	31.1	28.99	0
29/05/2025	01:00	20.49	7.73	5.89	0.2	9.51	9.7	31.1	21.3	0
29/05/2025	01:30	20.23	7.68	10.28	0.17	9.41	9.58	31.1	19.72	0
29/05/2025	02:00	20.45	7.65	7.49	0.17	9.41	9.58	30.9	15.7	0
29/05/2025	02:30	20.49	7.6	8.12	0.17	9.41	9.58	30.9	14.01	0
29/05/2025	03:00	20.4	7.56	9.89	0.17	9.41	9.58	30.9	10.17	0
29/05/2025	03:30	20.37	7.53	10.5	0.17	9.41	9.58	30.9	9.1	0
29/05/2025	04:00	20.26	7.51	12.81	0.17	9.41	9.58	30.9	9.71	0
29/05/2025	04:30	20.42	7.5	12.46	0.17	9.41	9.58	30.7	8.36	0
29/05/2025	05:00	20.52	7.49	14.24	0.17	9.41	9.58	30.7	22.66	288.24
29/05/2025	05:30	20.49	7.35	4.7	0.17	9.41	9.58	30.8	86.4	277.44

29/05/2025	06:00	20.54	7.3	4.38	0.17	9.41	9.58	30.7	114.87	269.78
29/05/2025	06:30	20.21	7.73	4.19	0.17	9.41	9.58	30.6	132.27	0
29/05/2025	07:00	20.4	7.52	19.04	0.17	9.41	9.58	30.8	133.37	0
29/05/2025	07:30	20.3	7.3	10.95	0.36	9.42	9.79	31	135.52	0
29/05/2025	08:00	20.33	7.24	5.39	0.36	9.42	9.79	31.1	130.95	0
29/05/2025	08:30	19.91	7.19	9.18	0.36	9.42	9.79	31.1	44.68	189.95
29/05/2025	09:00	20.35	7.16	5.41	0.36	9.42	9.79	31.1	86.54	186.33
29/05/2025	09:30	20.33	7.13	5.07	0.36	9.42	9.79	31.1	123.22	183.92
29/05/2025	10:00	15.7	7.15	5.08	0.36	9.42	9.79	31.1	13.54	0
29/05/2025	10:30	15.7	7.18	6.24	0.36	9.42	9.79	31.1	5.77	184.29
29/05/2025	11:00	20.21	7.21	8.37	0.36	9.42	9.79	31.1	4.23	180.75
29/05/2025	11:30	20.35	7.23	9.53	0.36	9.42	9.79	31.1	1.74	180.56
29/05/2025	12:00	20.47	7.26	11.97	0.36	9.42	9.79	31.1	0.88	172.57
29/05/2025	12:30	20.45	7.28	14.67	0.36	9.42	9.79	31.2	0.44	167.28
29/05/2025	13:00	20.45	7.3	15.83	0.36	9.42	9.79	31.3	0.2	159.49
29/05/2025	13:30	20.42	7.31	14.99	0.23	9.49	9.72	31.2	0	0
29/05/2025	14:00	20.54	7.33	17.34	0.23	9.49	9.72	31.2	0.1	164.38
29/05/2025	14:30	20.42	7.21	5.45	0.23	9.49	9.72	31.5	147.66	164.68
29/05/2025	15:00	20.47	7.19	21.24	0.23	9.49	9.72	31.5	158.08	0
29/05/2025	15:30	20.05	7.66	22.46	0.23	9.49	9.72	31.2	158.54	168.81
29/05/2025	16:00	20.26	7.64	7.46	0.23	9.49	9.72	31.2	149.15	0
29/05/2025	16:30	20.23	7.56	6.31	0.23	9.49	9.72	31.2	157.83	0
29/05/2025	17:00	20.3	7.5	13.71	0.23	9.49	9.72	31.2	164.43	247.56
29/05/2025	17:30	20.33	7.45	5.46	0.23	9.49	9.72	31.1	195.01	0
29/05/2025	18:00	20.19	7.43	9.54	0.23	9.49	9.72	30.9	142.48	0
29/05/2025	18:30	20.19	7.41	10.2	0.23	9.49	9.72	30.9	63.11	0
29/05/2025	19:00	20	7.39	17.66	0.23	9.49	9.72	31	24.2	294.71
29/05/2025	19:30	20.03	7.4	5.99	0.34	9.51	9.85	30.8	48.98	282.53
29/05/2025	20:00	20.03	7.36	3.66	0.34	9.51	9.85	30.9	115.36	279.14
29/05/2025	20:30	20	7.35	4.83	0.34	9.51	9.85	30.8	142.66	277.98
29/05/2025	21:00	20.03	7.48	3.97	0.34	9.51	9.85	30.9	151.62	278.39
29/05/2025	21:30	20.07	7.38	3.66	0.34	9.51	9.85	30.9	151.87	272.72
29/05/2025	22:00	20.07	7.33	3.34	0.34	9.51	9.85	30.8	160.08	271.42
29/05/2025	22:30	19.94	7.3	3.67	0.34	9.51	9.85	30.9	160.47	264.14

29/05/2025	23:00	20.03	7.28	3.67	0.34	9.51	9.85	30.9	160.64	0
29/05/2025	23:30	20.03	7.26	7.8	0.34	9.51	9.85	30.9	180.22	0
30/05/2025	00:00	19.94	7.25	4.04	0.34	9.51	9.85	31	70.64	0
30/05/2025	00:30	19.96	7.25	4.59	0.34	9.51	9.85	30.9	34.59	0
30/05/2025	01:00	20.03	7.27	4.89	0.34	9.51	9.85	30.9	23.1	0
30/05/2025	01:30	20	7.27	4.86	0.22	9.41	9.63	30.8	15.99	0
30/05/2025	02:00	20.05	7.27	4.85	0.22	9.41	9.63	30.8	12.81	0
30/05/2025	02:30	20.03	7.28	4.8	0.22	9.41	9.63	30.7	9.56	0
30/05/2025	03:00	20.05	7.29	5.12	0.22	9.41	9.63	30.6	10.05	0
30/05/2025	03:30	20.05	7.3	6.57	0.22	9.41	9.63	30.6	6.58	0
30/05/2025	04:00	20.03	7.31	6.24	0.22	9.41	9.63	30.5	6.41	0
30/05/2025	04:30	20.03	7.26	4.23	0.22	9.41	9.63	30.6	107.53	0
30/05/2025	05:00	20	7.25	3.27	0.22	9.41	9.63	30.6	118.07	293.99
30/05/2025	05:30	19.94	7.51	4.16	0.22	9.41	9.63	30.6	123.06	277.91
30/05/2025	06:00	19.94	7.53	4.68	0.22	9.41	9.63	30.6	130.82	252.6
30/05/2025	06:30	19.91	7.4	10.38	0.22	9.41	9.63	30.7	145.88	0
30/05/2025	07:00	19.89	7.35	7.65	0.22	9.41	9.63	30.7	144.25	0
30/05/2025	07:30	19.86	7.31	3.55	0.22	9.52	9.74	30.7	143.22	168.19
30/05/2025	08:00	19.77	7.29	3.56	0.22	9.52	9.74	30.7	140.53	165.14
30/05/2025	08:30	19.75	7.28	4.19	0.22	9.52	9.74	30.7	135.81	168.23
30/05/2025	09:00	19.81	7.26	25.59	0.22	9.52	9.74	30.8	200.04	168.04
30/05/2025	09:30	19.81	7.25	5.69	0.22	9.52	9.74	30.8	107.73	166.06
30/05/2025	10:00	19.84	7.23	3.62	0.22	9.52	9.74	30.9	115.85	170.65
30/05/2025	10:30	19.75	7.23	4.76	0.22	9.52	9.74	31.1	127.39	167.23
30/05/2025	11:00	19.79	7.24	14.62	0.22	9.52	9.74	31.1	124.45	0
30/05/2025	11:30	19.75	7.24	10.7	0.22	9.52	9.74	31.1	127.31	169.39
30/05/2025	12:00	19.72	7.24	3.65	0.22	9.52	9.74	31.2	125.38	163.97
30/05/2025	12:30	19.75	7.21	4.29	0.22	9.52	9.74	31.2	124.69	0
30/05/2025	13:00	19.91	7.14	3.69	0.22	9.52	9.74	31.3	127.67	163.04
30/05/2025	13:30	19.91	7	5.14	0.26	9.42	9.68	31.3	118.14	0
30/05/2025	14:00	19.86	6.86	2.97	0.26	9.42	9.68	31.4	117.53	162.52
30/05/2025	14:30	19.86	6.73	4.47	0.26	9.42	9.68	31.2	89.45	0
30/05/2025	15:00	19.77	6.68	5.19	0.26	9.42	9.68	31.2	101.65	0
30/05/2025	15:30	19.72	6.6	2.17	0.26	9.42	9.68	31.2	82.9	0

30/05/2025	16:00	19.65	6.6	2.53	0.26	9.42	9.68	31.2	44.55	0
30/05/2025	16:30	19.68	6.6	2.82	0.26	9.42	9.68	31.1	18.06	284.6
30/05/2025	17:00	19.65	6.6	1.85	0.26	9.42	9.68	31.1	32.87	273.95
30/05/2025	17:30	19.42	6.6	1.85	0.26	9.42	9.68	31.1	94.73	258.07
30/05/2025	18:00	19.58	6.6	2.15	0.26	9.42	9.68	31	119.88	162.78
30/05/2025	18:30	19.47	6.6	1.82	0.26	9.42	9.68	31	129	161.43
30/05/2025	19:00	19.47	6.6	2.15	0.26	9.42	9.68	31	135.64	162.89
30/05/2025	19:30	19.49	6.6	1.83	0.23	9.5	9.73	31	139.87	161.19
30/05/2025	20:00	19.54	6.6	2.14	0.23	9.5	9.73	31.1	137.16	159.32
30/05/2025	20:30	19.58	6.6	1.85	0.23	9.5	9.73	31	140.85	0
30/05/2025	21:00	19.56	6.6	1.83	0.23	9.5	9.73	31	139.04	156.95
30/05/2025	21:30	19.56	6.63	2.18	0.23	9.5	9.73	31	141.29	159.29
30/05/2025	22:00	19.63	6.7	3.03	0.23	9.5	9.73	31	139.04	0
30/05/2025	22:30	19.61	6.76	2.17	0.23	9.5	9.73	31	135.47	159.93
30/05/2025	23:00	19.72	6.8	2.22	0.23	9.5	9.73	30.9	137.26	157.14
30/05/2025	23:30	19.72	6.84	2.52	0.23	9.5	9.73	31	134.46	157.45
31/05/2025	00:00	19.72	6.87	2.84	0.23	9.5	9.73	31	134.22	159.04
31/05/2025	00:30	19.75	6.9	2.47	0.23	9.5	9.73	31	130.05	0
31/05/2025	01:00	19.84	6.93	2.8	0.23	9.5	9.73	31	130.95	158.19
31/05/2025	01:30	19.84	6.94	2.75	0.25	9.46	9.7	30.9	130.19	158.36
31/05/2025	02:00	19.84	6.96	2.77	0.25	9.46	9.7	30.9	122.84	158.43
31/05/2025	02:30	19.84	6.98	4.2	0.25	9.46	9.7	30.9	110.69	0
31/05/2025	03:00	19.94	6.99	2.71	0.25	9.46	9.7	30.9	92.09	0
31/05/2025	03:30	19.94	7.01	7.19	0.25	9.46	9.7	30.9	88.62	158.27
31/05/2025	04:00	19.89	7.02	2.64	0.25	9.46	9.7	30.8	86.37	158.39
31/05/2025	04:30	19.81	7.04	2.61	0.25	9.46	9.7	30.8	91.82	157.72
31/05/2025	05:00	19.89	7.06	2.61	0.25	9.46	9.7	30.8	93	156.44
31/05/2025	05:30	19.98	7.07	2.63	0.25	9.46	9.7	30.8	87.1	156.5
31/05/2025	06:00	19.96	7.08	2.31	0.25	9.46	9.7	30.7	82.27	155.68
31/05/2025	06:30	19.98	7.08	2.58	0.25	9.46	9.7	30.7	82.17	154.91
31/05/2025	07:00	19.98	7.1	2.61	0.25	9.46	9.7	30.7	87.01	154.6
31/05/2025	07:30	19.84	7.09	2	0.37	9.49	9.86	30.8	95.8	156.47
31/05/2025	08:00	19.86	7.1	2.28	0.37	9.49	9.86	30.8	84.25	0
31/05/2025	08:30	19.91	7.11	2.29	0.37	9.49	9.86	30.8	90.41	157.84

31/05/2025	09:00	19.94	7.12	2.64	0.37	9.49	9.86	30.9	93.73	155.54
31/05/2025	09:30	19.91	7.2	3.18	0.37	9.49	9.86	30.9	69.46	0
31/05/2025	10:00	19.91	7.29	4.15	0.37	9.49	9.86	31	55.83	155.92
31/05/2025	10:30	19.91	7.3	9.11	0.37	9.49	9.86	31.1	55.34	154.46
31/05/2025	11:00	19.94	7.29	4.16	0.37	9.49	9.86	31.1	54.55	157.3
31/05/2025	11:30	19.96	7.29	2.68	0.37	9.49	9.86	31.1	48.66	153.57
31/05/2025	12:00	19.91	7.28	3.28	0.37	9.49	9.86	31.1	44.95	156.37
31/05/2025	12:30	19.98	7.29	3.29	0.37	9.49	9.86	31.1	45.2	151.68
31/05/2025	13:00	20.07	7.31	2.95	0.37	9.49	9.86	31.2	46.58	0
31/05/2025	13:30	20.05	7.31	2.43	0.21	9.42	9.64	31.2	82.34	0
31/05/2025	14:00	20.05	7.28	2.73	0.21	9.42	9.64	31.3	100.25	0
31/05/2025	14:30	20.16	7.27	2.4	0.21	9.42	9.64	31.2	104.33	0
31/05/2025	15:00	20.21	7.32	2.93	0.21	9.42	9.64	31.1	120.61	264.33
31/05/2025	15:30	20.21	6.99	2.07	0.21	9.42	9.64	31	126.06	254.32
31/05/2025	16:00	20.26	6.64	1.77	0.21	9.42	9.64	31	139.16	0
31/05/2025	16:30	20.21	6.6	1.77	0.21	9.42	9.64	31	143.04	162.78
31/05/2025	17:00	20.23	6.6	1.75	0.21	9.42	9.64	31	150.52	163.81
31/05/2025	17:30	20.23	6.6	1.77	0.21	9.42	9.64	31	148.59	158.83
31/05/2025	18:00	20.3	6.6	1.75	0.21	9.42	9.64	31	148.47	160.06
31/05/2025	18:30	20.33	6.6	1.75	0.21	9.42	9.64	31	145.71	163.48
31/05/2025	19:00	20.42	6.6	1.75	0.21	9.42	9.64	30.9	144.25	158.69
31/05/2025	19:30	20.47	6.6	1.73	0.16	9.59	9.74	31	144.25	0
31/05/2025	20:00	20.45	6.6	1.75	0.16	9.59	9.74	31	143.22	162.12
31/05/2025	20:30	20.45	6.6	1.75	0.16	9.59	9.74	31	141.14	158.2
31/05/2025	21:00	20.47	6.6	1.76	0.16	9.59	9.74	31	139.84	158.38
31/05/2025	21:30	20.52	6.6	1.73	0.16	9.59	9.74	30.9	130.44	161.05
31/05/2025	22:00	20.54	6.6	1.75	0.16	9.59	9.74	30.9	136.57	157.93
31/05/2025	22:30	20.63	6.6	1.76	0.16	9.59	9.74	30.9	124.89	157.75
31/05/2025	23:00	20.65	6.62	1.76	0.16	9.59	9.74	30.9	128.24	158.96
31/05/2025	23:30	20.63	6.63	1.77	0.16	9.59	9.74	30.9	129.12	0

Ký hiệu
Đang đo:
Màu đen

hiệu
chuẩn: Màu
vàng
Lỗi thiết bị:
Màu đỏ