

ZURICH, SWITZERLAND, SEPTEMBER 19, 2024

ABB share buybacks

September 12, 2024 – September 18, 2024

During the period September 12, 2024, to September 18, 2024, ABB repurchased a total of 660,310 shares as part of its share buyback program announced on March 28, 2024.

The buyback program is being carried out in accordance with the Swiss Ordinance on Financial Market Infrastructures and Market Conduct in Securities and Derivatives Trading (FMIO), the Market Abuse Regulation (EU) No 596/2014 (“MAR”) and the Commission Delegated Regulation (EU) No 2016/1052 (the “Safe Harbour Regulation”).

Date	Aggregated daily volume (number of shares)	Daily weighted average share price (CHF)	Daily buyback amount (CHF)
Sep 12, 2024	147,000	46.9000	6,894,305.88
Sep 13, 2024	102,764	47.0418	4,834,203.33
Sep 16, 2024	151,966	47.0572	7,151,099.32
Sep 17, 2024	119,583	47.6831	5,702,089.94
Sep 18, 2024	138,997	47.5825	6,613,825.45

All share purchases above have been carried out on a separate trading line on the SIX Swiss Exchange by a bank, on behalf of ABB. A full breakdown of the transactions pursuant to article 5.3 of MAR and article 2.3 of the Safe Harbour Regulation is attached to this announcement. The bank makes its trading decisions concerning the timing of share repurchases independently of ABB, within some defined parameters.

The total number of ABB Ltd shares which have been bought back within the current share buyback program from April 2, 2024, to and including September 18, 2024, is 8,614,853 shares.

Additional information is available on ABB’s investor relations website site at <https://global.abb/group/en/investors/investor-and-shareholder-resources/share-buybacks/2024>

ABB is a technology leader in electrification and automation, enabling a more sustainable and resource-efficient future. The company’s solutions connect engineering know-how and software to optimize how things are manufactured, moved, powered and operated. Building on over 140 years of excellence, ABB’s more than 105,000 employees are committed to driving innovations that accelerate industrial transformation. www.abb.com

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Appendix

Detailed individual transaction information:

All share purchases below were completed on a separate trading line on the SIX Swiss Exchange
(Bloomberg ticker for SIX Exchange: SE)

Date	Time (CET)	Volume	Price	Exchange	2024-09-12	10:44:14	764	47.05	SE
2024-09-12	09:09:08	252	46.94	SE	2024-09-12	10:45:48	275	47.01	SE
2024-09-12	09:10:26	306	47	SE	2024-09-12	10:46:47	320	46.95	SE
2024-09-12	09:11:56	234	46.99	SE	2024-09-12	10:49:41	764	46.94	SE
2024-09-12	09:12:00	764	46.99	SE	2024-09-12	10:49:41	764	46.94	SE
2024-09-12	09:15:03	252	47.03	SE	2024-09-12	10:55:10	359	46.94	SE
2024-09-12	09:16:44	160	47	SE	2024-09-12	10:55:10	4	46.94	SE
2024-09-12	09:16:44	266	47	SE	2024-09-12	10:55:10	359	46.94	SE
2024-09-12	09:17:49	512	47.05	SE	2024-09-12	10:55:10	359	46.94	SE
2024-09-12	09:20:20	764	47.06	SE	2024-09-12	10:59:35	289	46.96	SE
2024-09-12	09:22:24	764	47.06	SE	2024-09-12	11:00:01	312	46.96	SE
2024-09-12	09:26:13	706	47.1	SE	2024-09-12	11:01:55	169	46.93	SE
2024-09-12	09:28:47	281	47.19	SE	2024-09-12	11:03:37	2,000	46.97	SE
2024-09-12	09:29:15	293	47.21	SE	2024-09-12	11:11:34	764	47.04	SE
2024-09-12	09:29:21	165	47.2	SE	2024-09-12	11:14:18	764	47.04	SE
2024-09-12	09:31:01	764	47.23	SE	2024-09-12	11:14:18	282	47.04	SE
2024-09-12	09:31:01	394	47.23	SE	2024-09-12	11:17:18	360	47.06	SE
2024-09-12	09:37:12	3	47.13	SE	2024-09-12	11:18:58	764	47.06	SE
2024-09-12	09:37:16	267	47.13	SE	2024-09-12	11:22:25	2,000	47.15	SE
2024-09-12	09:37:24	199	47.13	SE	2024-09-12	11:30:25	498	47.18	SE
2024-09-12	09:37:24	233	47.13	SE	2024-09-12	11:30:25	498	47.22	SE
2024-09-12	09:39:12	1,232	47.2	SE	2024-09-12	11:33:33	764	47.17	SE
2024-09-12	09:39:12	764	47.2	SE	2024-09-12	11:36:16	764	47.16	SE
2024-09-12	09:39:12	4	47.2	SE	2024-09-12	11:38:41	314	47.09	SE
2024-09-12	09:47:43	481	47.1	SE	2024-09-12	11:41:28	2,000	47.14	SE
2024-09-12	09:47:43	720	47.1	SE	2024-09-12	11:48:00	764	47.01	SE
2024-09-12	09:47:43	764	47.1	SE	2024-09-12	11:52:31	202	47.03	SE
2024-09-12	09:47:43	35	47.1	SE	2024-09-12	11:52:31	302	47.03	SE
2024-09-12	09:54:40	493	47.03	SE	2024-09-12	11:52:32	155	47.03	SE
2024-09-12	09:56:32	493	47.04	SE	2024-09-12	11:52:50	243	47.03	SE
2024-09-12	09:58:41	764	46.98	SE	2024-09-12	11:54:57	2,000	47.08	SE
2024-09-12	09:58:41	764	47.05	SE	2024-09-12	12:03:41	1,999	47.05	SE
2024-09-12	10:03:54	154	46.96	SE	2024-09-12	12:03:41	1	47.05	SE
2024-09-12	10:03:54	163	46.96	SE	2024-09-12	12:10:26	765	47.05	SE
2024-09-12	10:05:49	190	46.98	SE	2024-09-12	12:14:08	2,000	47.16	SE
2024-09-12	10:05:55	234	46.98	SE	2024-09-12	12:22:00	2,000	47.1	SE
2024-09-12	10:06:15	190	46.95	SE	2024-09-12	12:29:08	1	47.02	SE
2024-09-12	10:06:45	302	46.91	SE	2024-09-12	12:29:08	242	47.02	SE
2024-09-12	10:08:38	219	46.95	SE	2024-09-12	12:30:52	726	47.02	SE
2024-09-12	10:08:38	304	46.95	SE	2024-09-12	12:33:06	302	47.03	SE
2024-09-12	10:10:00	2,000	46.95	SE	2024-09-12	12:35:02	2,000	47.08	SE
2024-09-12	10:19:51	2,000	47.08	SE	2024-09-12	12:41:38	764	47.05	SE
2024-09-12	10:25:48	341	47.1	SE	2024-09-12	12:44:23	764	47.04	SE
2024-09-12	10:27:21	1,810	47.06	SE	2024-09-12	12:48:01	764	47.01	SE
2024-09-12	10:27:21	190	47.06	SE	2024-09-12	12:51:05	4	46.96	SE
2024-09-12	10:35:43	298	46.99	SE	2024-09-12	12:51:31	764	46.96	SE
2024-09-12	10:37:21	764	47.04	SE	2024-09-12	12:51:31	190	46.96	SE
2024-09-12	10:39:20	764	47.03	SE	2024-09-12	12:54:22	326	46.98	SE
2024-09-12	10:43:04	288	47.06	SE	2024-09-12	12:55:58	764	47.02	SE

2024-09-12	12:59:20	2,000	47.01	SE	2024-09-12	15:31:18	764	46.52	SE
2024-09-12	13:06:00	71	46.91	SE	2024-09-12	15:31:18	764	46.52	SE
2024-09-12	13:07:43	2,000	46.96	SE	2024-09-12	15:33:56	998	46.6	SE
2024-09-12	13:15:12	2,000	46.96	SE	2024-09-12	15:37:09	301	46.6	SE
2024-09-12	13:23:26	2,000	46.98	SE	2024-09-12	15:37:09	280	46.6	SE
2024-09-12	13:29:45	764	46.94	SE	2024-09-12	15:38:05	2,000	46.67	SE
2024-09-12	13:33:14	2,000	46.97	SE	2024-09-12	15:42:30	2,000	46.6	SE
2024-09-12	13:39:43	190	46.95	SE	2024-09-12	15:46:33	764	46.5	SE
2024-09-12	13:40:32	136	46.96	SE	2024-09-12	15:46:33	190	46.5	SE
2024-09-12	13:42:36	2,000	47.01	SE	2024-09-12	15:48:06	190	46.42	SE
2024-09-12	13:49:37	309	47.02	SE	2024-09-12	15:49:12	190	46.43	SE
2024-09-12	13:50:07	764	47.02	SE	2024-09-12	15:49:13	319	46.43	SE
2024-09-12	13:50:07	544	47.02	SE	2024-09-12	15:49:52	2,000	46.39	SE
2024-09-12	13:56:42	2,000	47.07	SE	2024-09-12	15:52:05	764	46.25	SE
2024-09-12	14:03:09	2,000	46.97	SE	2024-09-12	15:55:24	638	46.49	SE
2024-09-12	14:08:44	1,000	47.01	SE	2024-09-12	15:56:50	638	46.51	SE
2024-09-12	14:15:22	384	47.02	SE	2024-09-12	15:58:38	551	46.49	SE
2024-09-12	14:17:09	344	47.02	SE	2024-09-12	15:58:38	145	46.49	SE
2024-09-12	14:17:10	190	47.02	SE	2024-09-12	15:58:38	162	46.49	SE
2024-09-12	14:19:08	2,000	47.04	SE	2024-09-12	16:00:34	391	46.44	SE
2024-09-12	14:27:26	2,000	47.01	SE	2024-09-12	16:01:03	3	46.46	SE
2024-09-12	14:34:39	362	46.88	SE	2024-09-12	16:01:03	5	46.46	SE
2024-09-12	14:34:46	343	46.88	SE	2024-09-12	16:01:37	402	46.46	SE
2024-09-12	14:36:22	510	46.83	SE	2024-09-12	16:01:37	589	46.46	SE
2024-09-12	14:38:40	344	46.77	SE	2024-09-12	16:01:37	402	46.46	SE
2024-09-12	14:40:23	764	46.79	SE	2024-09-12	16:03:43	235	46.52	SE
2024-09-12	14:43:26	764	46.87	SE	2024-09-12	16:04:11	760	46.54	SE
2024-09-12	14:43:26	764	46.87	SE	2024-09-12	16:06:03	211	46.53	SE
2024-09-12	14:50:02	764	46.79	SE	2024-09-12	16:07:02	2,000	46.58	SE
2024-09-12	14:50:02	190	46.79	SE	2024-09-12	16:10:59	6	46.63	SE
2024-09-12	14:52:39	287	46.78	SE	2024-09-12	16:11:00	447	46.63	SE
2024-09-12	14:52:41	303	46.78	SE	2024-09-12	16:11:00	764	46.63	SE
2024-09-12	14:58:17	364	46.71	SE	2024-09-12	16:11:00	19	46.63	SE
2024-09-12	14:59:33	190	46.68	SE	2024-09-12	16:11:00	764	46.63	SE
2024-09-12	15:00:27	211	46.68	SE	2024-09-12	16:15:15	764	46.75	SE
2024-09-12	15:00:27	190	46.68	SE	2024-09-12	16:15:15	190	46.75	SE
2024-09-12	15:00:40	157	46.68	SE	2024-09-12	16:17:36	764	46.77	SE
2024-09-12	15:00:40	21	46.68	SE	2024-09-12	16:18:56	758	46.78	SE
2024-09-12	15:00:40	190	46.68	SE	2024-09-12	16:20:37	353	46.82	SE
2024-09-12	15:00:45	235	46.68	SE	2024-09-12	16:21:59	1	46.79	SE
2024-09-12	15:02:11	764	46.69	SE	2024-09-12	16:21:59	214	46.79	SE
2024-09-12	15:02:11	510	46.69	SE	2024-09-12	16:22:13	550	46.82	SE
2024-09-12	15:04:31	21	46.69	SE	2024-09-12	16:23:01	2,000	46.84	SE
2024-09-12	15:04:31	190	46.69	SE	2024-09-12	16:27:27	406	46.83	SE
2024-09-12	15:04:33	340	46.69	SE	2024-09-12	16:27:29	441	46.83	SE
2024-09-12	15:05:22	510	46.7	SE	2024-09-12	16:29:13	430	46.81	SE
2024-09-12	15:06:27	764	46.7	SE	2024-09-12	16:29:52	764	46.81	SE
2024-09-12	15:08:27	2,000	46.72	SE	2024-09-12	16:31:23	190	46.87	SE
2024-09-12	15:12:42	2,000	46.71	SE	2024-09-12	16:31:25	190	46.87	SE
2024-09-12	15:17:11	2,000	46.7	SE	2024-09-12	16:32:39	764	46.88	SE
2024-09-12	15:21:14	2,000	46.66	SE	2024-09-12	16:32:39	156	46.88	SE
2024-09-12	15:25:18	342	46.6	SE	2024-09-12	16:32:39	234	46.88	SE
2024-09-12	15:25:30	1	46.6	SE	2024-09-12	16:35:00	2,000	46.94	SE
2024-09-12	15:25:38	1,346	46.6	SE	2024-09-12	16:38:59	139	46.88	SE
2024-09-12	15:25:38	311	46.6	SE	2024-09-12	16:38:59	163	46.88	SE
2024-09-12	15:29:12	344	46.53	SE	2024-09-12	16:39:00	161	46.88	SE
2024-09-12	15:30:02	190	46.54	SE	2024-09-12	16:39:36	480	46.84	SE
2024-09-12	15:30:03	190	46.54	SE	2024-09-12	16:41:23	764	46.87	SE
2024-09-12	15:30:03	190	46.54	SE	2024-09-12	16:41:23	409	46.87	SE

2024-09-12	16:59:41	336	46.93	SE	2024-09-13	11:32:20	482	47.03	SE
2024-09-12	16:59:45	2,000	46.95	SE	2024-09-13	11:41:26	895	47.06	SE
2024-09-12	16:59:45	2,000	46.95	SE	2024-09-13	11:47:41	190	47.08	SE
2024-09-12	16:59:45	764	46.93	SE	2024-09-13	11:47:42	184	47.08	SE
2024-09-12	16:59:45	526	46.93	SE	2024-09-13	11:49:45	602	47.08	SE
2024-09-12	16:59:46	2,000	46.95	SE	2024-09-13	11:52:36	472	47.08	SE
2024-09-12	16:59:47	915	46.95	SE	2024-09-13	11:52:36	764	47.08	SE
2024-09-13	09:07:22	764	47.19	SE	2024-09-13	11:52:36	764	47.08	SE
2024-09-13	09:12:16	764	47.12	SE	2024-09-13	12:01:50	722	47.02	SE
2024-09-13	09:15:14	764	47.11	SE	2024-09-13	12:01:50	190	47.02	SE
2024-09-13	09:15:14	417	47.11	SE	2024-09-13	12:08:05	764	47.06	SE
2024-09-13	09:15:14	292	47.11	SE	2024-09-13	12:10:27	764	47.06	SE
2024-09-13	09:15:15	360	47.11	SE	2024-09-13	12:15:43	270	47.12	SE
2024-09-13	09:15:15	167	47.11	SE	2024-09-13	12:15:49	310	47.12	SE
2024-09-13	09:25:44	1,000	47.14	SE	2024-09-13	12:17:41	764	47.12	SE
2024-09-13	09:30:55	125	47.18	SE	2024-09-13	12:24:10	451	47.03	SE
2024-09-13	09:30:55	626	47.18	SE	2024-09-13	12:24:53	324	47.03	SE
2024-09-13	09:30:55	485	47.18	SE	2024-09-13	12:25:56	250	47.03	SE
2024-09-13	09:30:55	764	47.18	SE	2024-09-13	12:25:56	764	47.03	SE
2024-09-13	09:40:08	365	47.13	SE	2024-09-13	12:25:56	21	47.03	SE
2024-09-13	09:41:05	736	47.11	SE	2024-09-13	12:25:56	190	47.03	SE
2024-09-13	09:46:19	361	47.05	SE	2024-09-13	12:33:40	2,000	47.08	SE
2024-09-13	09:50:12	764	47.01	SE	2024-09-13	12:42:50	2,000	47.03	SE
2024-09-13	09:50:12	764	47.01	SE	2024-09-13	12:53:37	511	47.08	SE
2024-09-13	09:50:12	202	47.01	SE	2024-09-13	12:53:37	190	47.08	SE
2024-09-13	09:57:44	472	47.05	SE	2024-09-13	12:56:01	322	47.08	SE
2024-09-13	09:57:44	764	47.05	SE	2024-09-13	12:57:37	334	47.06	SE
2024-09-13	09:57:44	764	47.05	SE	2024-09-13	12:57:37	564	47.06	SE
2024-09-13	10:07:52	764	47.02	SE	2024-09-13	13:04:18	293	47.07	SE
2024-09-13	10:12:31	746	47.02	SE	2024-09-13	13:04:18	124	47.07	SE
2024-09-13	10:15:40	380	47.06	SE	2024-09-13	13:04:18	190	47.07	SE
2024-09-13	10:17:38	306	47.06	SE	2024-09-13	13:05:22	292	47.07	SE
2024-09-13	10:19:35	764	47.1	SE	2024-09-13	13:07:46	171	47.05	SE
2024-09-13	10:22:30	844	47.09	SE	2024-09-13	13:07:46	764	47.05	SE
2024-09-13	10:27:28	764	47.09	SE	2024-09-13	13:07:46	764	47.05	SE
2024-09-13	10:30:00	290	47.02	SE	2024-09-13	13:07:46	301	47.05	SE
2024-09-13	10:32:09	764	47.02	SE	2024-09-13	13:18:43	2,000	47.05	SE
2024-09-13	10:37:04	764	47	SE	2024-09-13	13:28:12	2,000	47.07	SE
2024-09-13	10:40:39	1,000	47.03	SE	2024-09-13	13:36:42	250	46.97	SE
2024-09-13	10:45:17	482	47.04	SE	2024-09-13	13:38:29	321	46.94	SE
2024-09-13	10:48:28	764	47.05	SE	2024-09-13	13:39:46	564	46.9	SE
2024-09-13	10:53:01	400	47.02	SE	2024-09-13	13:45:06	2,000	47.02	SE
2024-09-13	10:53:03	310	47.02	SE	2024-09-13	13:54:00	764	46.97	SE
2024-09-13	10:55:16	764	47.03	SE	2024-09-13	13:58:10	764	47.01	SE
2024-09-13	10:59:30	21	47	SE	2024-09-13	14:01:17	764	47.01	SE
2024-09-13	10:59:30	297	47	SE	2024-09-13	14:05:42	2,000	47.07	SE
2024-09-13	11:01:52	764	47.05	SE	2024-09-13	14:17:12	2,000	47.13	SE
2024-09-13	11:06:09	1,000	47.05	SE	2024-09-13	14:25:37	564	47.05	SE
2024-09-13	11:09:54	482	47.06	SE	2024-09-13	14:29:42	764	47.08	SE
2024-09-13	11:13:06	410	47.06	SE	2024-09-13	14:33:40	2,000	47.07	SE
2024-09-13	11:13:10	410	47.06	SE	2024-09-13	14:42:42	205	46.93	SE
2024-09-13	11:18:04	240	47.05	SE	2024-09-13	14:45:31	2,000	47.01	SE
2024-09-13	11:18:17	280	47.05	SE	2024-09-13	14:54:00	764	46.97	SE
2024-09-13	11:19:44	1,000	47.06	SE	2024-09-13	14:54:00	344	46.97	SE
2024-09-13	11:24:30	416	47.1	SE	2024-09-13	14:56:55	564	46.98	SE
2024-09-13	11:26:11	446	47.07	SE	2024-09-13	14:58:39	2,000	46.99	SE
2024-09-13	11:29:36	625	47.08	SE	2024-09-13	15:04:20	1	46.96	SE
2024-09-13	11:32:20	754	47.03	SE	2024-09-13	15:04:20	20	46.96	SE
2024-09-13	11:32:20	764	47.03	SE	2024-09-13	15:05:18	764	46.96	SE

2024-09-13	15:05:18	564	46.96	SE	2024-09-16	09:50:41	340	47	SE
2024-09-13	15:08:41	2,000	46.96	SE	2024-09-16	09:52:49	2,000	47.04	SE
2024-09-13	15:14:02	564	46.97	SE	2024-09-16	09:59:58	2,000	47.05	SE
2024-09-13	15:16:00	2,000	46.99	SE	2024-09-16	10:07:08	243	47.17	SE
2024-09-13	15:22:01	2,000	47.03	SE	2024-09-16	10:07:11	500	47.17	SE
2024-09-13	15:41:35	2,000	47.02	SE	2024-09-16	10:09:54	202	47.12	SE
2024-09-13	15:41:35	2,000	46.99	SE	2024-09-16	10:10:26	410	47.12	SE
2024-09-13	15:41:36	2,000	47.02	SE	2024-09-16	10:12:02	450	47.13	SE
2024-09-13	15:43:41	764	47	SE	2024-09-16	10:14:43	359	47.09	SE
2024-09-13	15:53:11	764	46.99	SE	2024-09-16	10:15:57	61	47.09	SE
2024-09-13	15:53:19	15	46.99	SE	2024-09-16	10:16:01	1,580	47.09	SE
2024-09-13	15:53:19	134	46.99	SE	2024-09-16	10:20:16	723	47.09	SE
2024-09-13	15:53:33	421	46.99	SE	2024-09-16	10:24:19	2,000	47.16	SE
2024-09-13	15:53:34	570	47.02	SE	2024-09-16	10:32:51	2,000	47.14	SE
2024-09-13	15:53:34	666	47.02	SE	2024-09-16	10:40:18	2,000	47.12	SE
2024-09-13	15:53:34	764	47.02	SE	2024-09-16	10:47:02	217	47.05	SE
2024-09-13	16:29:54	61	47	SE	2024-09-16	10:47:03	650	47.05	SE
2024-09-13	16:29:54	210	47	SE	2024-09-16	10:50:10	692	47.02	SE
2024-09-13	16:29:54	416	47	SE	2024-09-16	10:53:23	2,000	47.05	SE
2024-09-13	16:30:12	764	47	SE	2024-09-16	11:01:20	764	47.11	SE
2024-09-13	16:30:12	190	47	SE	2024-09-16	11:02:58	764	47.08	SE
2024-09-13	16:30:14	471	47.03	SE	2024-09-16	11:07:10	764	47.11	SE
2024-09-13	16:30:14	1	47.03	SE	2024-09-16	11:07:10	764	47.11	SE
2024-09-13	16:30:14	764	47.03	SE	2024-09-16	11:12:20	1,236	47.12	SE
2024-09-13	16:30:14	764	47.03	SE	2024-09-16	11:12:20	764	47.12	SE
2024-09-13	16:30:16	764	47.03	SE	2024-09-16	11:20:10	455	47.15	SE
2024-09-13	16:30:16	764	47.03	SE	2024-09-16	11:20:10	692	47.15	SE
2024-09-13	16:30:17	472	47.03	SE	2024-09-16	11:24:27	2,000	47.14	SE
2024-09-13	16:30:17	764	47.03	SE	2024-09-16	11:31:34	88	47.12	SE
2024-09-13	16:30:17	764	47.03	SE	2024-09-16	11:31:36	292	47.12	SE
2024-09-13	16:30:19	449	47.03	SE	2024-09-16	11:31:38	295	47.12	SE
2024-09-13	16:30:19	599	47.03	SE	2024-09-16	11:35:02	460	47.11	SE
2024-09-13	16:30:19	764	47.03	SE	2024-09-16	11:35:03	296	47.11	SE
2024-09-13	16:30:19	188	47.03	SE	2024-09-16	11:35:03	29	47.11	SE
2024-09-13	16:30:20	472	47.03	SE	2024-09-16	11:37:08	472	47.12	SE
2024-09-13	16:30:20	764	47.03	SE	2024-09-16	11:37:08	764	47.12	SE
2024-09-13	16:30:20	764	47.03	SE	2024-09-16	11:37:08	764	47.12	SE
2024-09-13	16:30:21	732	46.99	SE	2024-09-16	11:44:45	2,000	47.11	SE
2024-09-13	16:30:21	764	47.03	SE	2024-09-16	11:52:20	764	47.05	SE
2024-09-13	16:33:48	764	47.03	SE	2024-09-16	11:55:40	764	47.03	SE
2024-09-16	09:05:54	539	46.95	SE	2024-09-16	11:57:14	764	47.01	SE
2024-09-16	09:08:21	2,000	47.03	SE	2024-09-16	12:01:00	192	47.04	SE
2024-09-16	09:15:04	764	47.03	SE	2024-09-16	12:01:23	190	47.04	SE
2024-09-16	09:15:04	313	47.03	SE	2024-09-16	12:01:25	190	47.04	SE
2024-09-16	09:19:43	1,236	46.99	SE	2024-09-16	12:03:10	764	47.04	SE
2024-09-16	09:19:43	764	46.99	SE	2024-09-16	12:06:59	20	47.07	SE
2024-09-16	09:25:55	2,000	46.92	SE	2024-09-16	12:06:59	292	47.07	SE
2024-09-16	09:33:36	190	46.92	SE	2024-09-16	12:07:23	316	47.07	SE
2024-09-16	09:34:02	190	46.93	SE	2024-09-16	12:10:10	2,000	47.12	SE
2024-09-16	09:34:37	764	46.93	SE	2024-09-16	12:16:51	2,000	47.11	SE
2024-09-16	09:38:34	764	46.95	SE	2024-09-16	12:22:46	297	47.09	SE
2024-09-16	09:41:24	291	46.96	SE	2024-09-16	12:24:03	764	47.09	SE
2024-09-16	09:42:51	579	46.96	SE	2024-09-16	12:28:00	692	47.06	SE
2024-09-16	09:42:51	210	46.96	SE	2024-09-16	12:31:05	2,000	47.09	SE
2024-09-16	09:45:17	107	46.94	SE	2024-09-16	12:37:44	291	47.08	SE
2024-09-16	09:45:17	299	46.94	SE	2024-09-16	12:37:56	307	47.08	SE
2024-09-16	09:47:00	657	46.97	SE	2024-09-16	12:40:55	2,000	47.12	SE
2024-09-16	09:49:01	321	46.98	SE	2024-09-16	12:48:06	764	47.17	SE
2024-09-16	09:50:41	20	47	SE	2024-09-16	12:51:23	2,000	47.19	SE

2024-09-16	12:57:56	225	47.18	SE	2024-09-16	15:33:35	444	47.01	SE
2024-09-16	12:57:57	113	47.18	SE	2024-09-16	15:34:44	500	46.98	SE
2024-09-16	12:58:02	208	47.18	SE	2024-09-16	15:35:14	384	46.95	SE
2024-09-16	13:00:14	764	47.17	SE	2024-09-16	15:36:36	764	46.95	SE
2024-09-16	13:00:14	692	47.17	SE	2024-09-16	15:36:36	459	46.95	SE
2024-09-16	13:06:23	2,000	47.2	SE	2024-09-16	15:39:19	764	46.98	SE
2024-09-16	13:13:20	764	47.19	SE	2024-09-16	15:39:20	472	46.98	SE
2024-09-16	13:17:02	2,000	47.2	SE	2024-09-16	15:39:20	764	46.98	SE
2024-09-16	13:24:37	2,000	47.14	SE	2024-09-16	15:43:37	764	46.98	SE
2024-09-16	13:32:05	2,000	47.12	SE	2024-09-16	15:45:16	764	46.96	SE
2024-09-16	13:38:45	692	47.11	SE	2024-09-16	15:45:16	87	46.96	SE
2024-09-16	13:41:58	2,000	47.13	SE	2024-09-16	15:47:12	1,000	46.98	SE
2024-09-16	13:50:24	2,000	47.14	SE	2024-09-16	15:49:06	764	47.03	SE
2024-09-16	13:57:09	2,000	47.13	SE	2024-09-16	15:49:28	1,000	47	SE
2024-09-16	14:04:39	2,000	47.08	SE	2024-09-16	16:03:17	383	47.03	SE
2024-09-16	14:12:08	2,000	47.13	SE	2024-09-16	16:03:18	2,000	47.05	SE
2024-09-16	14:19:24	692	47.07	SE	2024-09-16	16:03:18	764	47.03	SE
2024-09-16	14:22:06	321	47.05	SE	2024-09-16	16:03:18	391	47.03	SE
2024-09-16	14:22:07	56	47.05	SE	2024-09-16	16:03:19	1,745	47.05	SE
2024-09-16	14:22:07	764	47.05	SE	2024-09-16	16:03:19	255	47.05	SE
2024-09-16	14:22:28	2,000	46.96	SE	2024-09-16	16:27:43	201	47.05	SE
2024-09-16	14:34:10	2,000	47.02	SE	2024-09-16	16:27:43	764	47.05	SE
2024-09-16	14:38:35	712	46.95	SE	2024-09-16	16:27:43	764	47.05	SE
2024-09-16	14:44:13	345	47.04	SE	2024-09-16	16:27:43	271	47.05	SE
2024-09-16	14:44:17	336	47.04	SE	2024-09-16	16:27:43	764	47.02	SE
2024-09-16	14:47:17	764	47.03	SE	2024-09-16	16:27:43	421	47.02	SE
2024-09-16	14:47:17	21	47.03	SE	2024-09-16	16:27:44	472	47.05	SE
2024-09-16	14:47:17	692	47.03	SE	2024-09-16	16:27:44	764	47.05	SE
2024-09-16	14:51:46	227	47.03	SE	2024-09-16	16:27:44	764	47.05	SE
2024-09-16	14:54:50	333	47.03	SE	2024-09-16	16:27:46	764	47.05	SE
2024-09-16	14:58:42	321	47.03	SE	2024-09-16	16:27:46	764	47.05	SE
2024-09-16	15:00:00	1,549	47.05	SE	2024-09-16	16:27:47	764	47.05	SE
2024-09-16	15:00:00	451	47.05	SE	2024-09-16	16:27:47	764	47.05	SE
2024-09-16	15:00:00	1,549	47.05	SE	2024-09-16	16:27:47	764	47.05	SE
2024-09-16	15:00:00	451	47.05	SE	2024-09-16	16:27:48	422	47.05	SE
2024-09-16	15:00:00	341	47.03	SE	2024-09-16	16:27:48	764	47.05	SE
2024-09-16	15:03:00	113	47.01	SE	2024-09-16	16:36:33	764	46.91	SE
2024-09-16	15:04:28	764	47.01	SE	2024-09-16	16:36:33	764	46.91	SE
2024-09-16	15:04:28	396	47.01	SE	2024-09-16	16:36:34	472	46.91	SE
2024-09-16	15:04:29	35	47.01	SE	2024-09-16	16:36:35	472	46.94	SE
2024-09-16	15:04:29	692	47.01	SE	2024-09-16	16:36:35	764	46.94	SE
2024-09-16	15:07:34	764	47	SE	2024-09-16	16:36:35	764	46.94	SE
2024-09-16	15:09:10	472	47.03	SE	2024-09-16	16:36:38	472	46.95	SE
2024-09-16	15:09:10	764	47.03	SE	2024-09-16	16:36:38	764	46.95	SE
2024-09-16	15:09:10	764	47.03	SE	2024-09-16	16:36:38	764	46.95	SE
2024-09-16	15:13:20	764	47.04	SE	2024-09-16	16:40:17	764	46.99	SE
2024-09-16	15:19:10	341	47.01	SE	2024-09-16	16:40:17	764	46.99	SE
2024-09-16	15:20:19	344	47.01	SE	2024-09-16	16:40:17	145	46.99	SE
2024-09-16	15:21:06	2,000	47.05	SE	2024-09-16	16:43:34	764	46.99	SE
2024-09-16	15:21:06	692	47.01	SE	2024-09-16	16:43:34	764	47.04	SE
2024-09-16	15:22:02	190	47.02	SE	2024-09-16	16:46:31	190	47.05	SE
2024-09-16	15:22:47	692	47.02	SE	2024-09-16	16:46:31	190	47.05	SE
2024-09-16	15:24:14	764	47.02	SE	2024-09-16	16:47:03	435	47.02	SE
2024-09-16	15:28:12	339	47.02	SE	2024-09-16	16:47:58	283	47.02	SE
2024-09-16	15:30:13	380	47.02	SE	2024-09-16	16:48:16	427	46.99	SE
2024-09-16	15:30:14	2,000	47.05	SE	2024-09-16	16:49:39	764	47.03	SE
2024-09-16	15:30:14	380	47.02	SE	2024-09-16	16:49:39	303	47.03	SE
2024-09-16	15:30:14	415	47.02	SE	2024-09-16	16:51:50	688	46.98	SE
2024-09-16	15:33:32	190	47.01	SE	2024-09-16	16:51:50	275	46.98	SE

2024-09-16	16:54:21	420	46.97	SE	2024-09-17	14:14:01	700	47.91	SE
2024-09-16	16:54:23	285	46.93	SE	2024-09-17	14:16:50	2,000	47.89	SE
2024-09-16	16:55:46	764	46.98	SE	2024-09-17	14:24:08	300	47.87	SE
2024-09-16	16:57:28	764	47	SE	2024-09-17	14:25:18	2,000	47.89	SE
2024-09-16	16:59:16	447	47.01	SE	2024-09-17	14:33:38	2,000	47.89	SE
2024-09-16	16:59:42	326	46.98	SE	2024-09-17	14:41:41	2,000	47.99	SE
2024-09-16	16:59:42	438	46.98	SE	2024-09-17	14:50:00	2,000	48.02	SE
2024-09-17	09:07:12	63	47.24	SE	2024-09-17	14:56:01	210	48.04	SE
2024-09-17	09:07:13	1,937	47.24	SE	2024-09-17	15:35:52	190	47.76	SE
2024-09-17	09:14:45	440	47.22	SE	2024-09-17	15:35:52	1,810	47.76	SE
2024-09-17	09:14:45	240	47.22	SE	2024-09-17	15:35:52	190	47.76	SE
2024-09-17	09:16:04	374	47.24	SE	2024-09-17	15:37:11	204	47.76	SE
2024-09-17	09:18:53	1,643	47.28	SE	2024-09-17	15:37:11	1,796	47.76	SE
2024-09-17	09:18:53	357	47.28	SE	2024-09-17	15:37:11	204	47.76	SE
2024-09-17	09:27:08	2,000	47.25	SE	2024-09-17	15:37:11	1,796	47.76	SE
2024-09-17	09:35:29	2,000	47.3	SE	2024-09-17	15:37:11	14	47.76	SE
2024-09-17	09:43:07	2,000	47.31	SE	2024-09-17	15:37:13	204	47.76	SE
2024-09-17	09:51:32	2,000	47.3	SE	2024-09-17	15:37:13	1,796	47.76	SE
2024-09-17	09:59:33	2,000	47.31	SE	2024-09-17	15:37:16	1,271	47.76	SE
2024-09-17	10:07:34	2,000	47.37	SE	2024-09-17	15:37:16	525	47.76	SE
2024-09-17	10:14:27	278	47.4	SE	2024-09-17	15:37:17	729	47.76	SE
2024-09-17	10:14:42	1,722	47.4	SE	2024-09-17	15:37:18	1,254	47.76	SE
2024-09-17	10:23:40	764	47.38	SE	2024-09-17	15:37:18	746	47.76	SE
2024-09-17	10:25:59	764	47.37	SE	2024-09-17	15:37:18	525	47.76	SE
2024-09-17	10:28:57	190	47.35	SE	2024-09-17	15:37:19	2,000	47.76	SE
2024-09-17	10:30:02	2,000	47.4	SE	2024-09-17	15:37:19	2,000	47.76	SE
2024-09-17	10:37:15	2,000	47.43	SE	2024-09-17	15:38:35	437	47.71	SE
2024-09-17	10:46:07	2,000	47.49	SE	2024-09-17	15:40:00	2,000	47.71	SE
2024-09-17	10:53:46	2,000	47.47	SE	2024-09-17	15:50:19	11	47.71	SE
2024-09-17	11:02:01	2,000	47.58	SE	2024-09-17	15:50:19	1,989	47.71	SE
2024-09-17	11:09:00	2,000	47.57	SE	2024-09-17	15:50:19	11	47.71	SE
2024-09-17	11:16:19	410	47.6	SE	2024-09-17	15:50:20	764	47.76	SE
2024-09-17	11:19:40	2,000	47.64	SE	2024-09-17	15:54:11	2,000	47.71	SE
2024-09-17	11:27:02	2,000	47.63	SE	2024-09-17	15:59:41	2,000	47.72	SE
2024-09-17	11:35:45	2,000	47.74	SE	2024-09-17	15:59:58	2,000	47.72	SE
2024-09-17	11:42:41	2,000	47.8	SE	2024-09-17	16:03:59	1,685	47.7	SE
2024-09-17	11:51:57	2,000	47.84	SE	2024-09-17	16:03:59	315	47.7	SE
2024-09-17	11:58:52	495	47.78	SE	2024-09-17	16:06:47	1,000	47.73	SE
2024-09-17	12:01:24	2,000	47.83	SE	2024-09-17	16:06:47	315	47.7	SE
2024-09-17	12:10:08	2,000	47.94	SE	2024-09-18	09:07:59	1,762	47.74	SE
2024-09-17	12:17:18	700	47.9	SE	2024-09-18	09:07:59	238	47.72	SE
2024-09-17	12:19:56	2,000	47.89	SE	2024-09-18	09:14:47	238	47.74	SE
2024-09-17	12:28:50	2,000	47.99	SE	2024-09-18	09:16:01	2,000	47.82	SE
2024-09-17	12:36:25	2,000	47.95	SE	2024-09-18	09:25:26	2,000	47.71	SE
2024-09-17	12:44:35	2,000	47.94	SE	2024-09-18	09:32:43	293	47.7	SE
2024-09-17	12:53:18	2,000	47.86	SE	2024-09-18	09:35:25	2,000	47.77	SE
2024-09-17	12:59:09	2,000	47.79	SE	2024-09-18	09:42:30	223	47.74	SE
2024-09-17	13:08:46	312	47.7	SE	2024-09-18	09:43:44	737	47.79	SE
2024-09-17	13:09:07	1,375	47.7	SE	2024-09-18	09:47:14	2,000	47.77	SE
2024-09-17	13:09:07	313	47.7	SE	2024-09-18	09:56:02	2,000	47.74	SE
2024-09-17	13:16:14	707	47.67	SE	2024-09-18	10:03:03	308	47.69	SE
2024-09-17	13:18:29	1,508	47.7	SE	2024-09-18	10:05:06	2,000	47.7	SE
2024-09-17	13:25:51	2,000	47.69	SE	2024-09-18	10:14:19	2,000	47.61	SE
2024-09-17	13:34:48	2,000	47.74	SE	2024-09-18	10:20:58	737	47.69	SE
2024-09-17	13:42:41	2,000	47.78	SE	2024-09-18	10:24:05	86	47.68	SE
2024-09-17	13:49:30	2,000	47.82	SE	2024-09-18	10:24:05	220	47.68	SE
2024-09-17	13:57:28	2,000	47.84	SE	2024-09-18	10:24:33	275	47.68	SE
2024-09-17	14:05:03	1,300	47.91	SE	2024-09-18	10:27:36	465	47.63	SE
2024-09-17	14:05:03	700	47.91	SE	2024-09-18	10:27:51	284	47.63	SE

2024-09-18	10:30:12	290	47.63	SE	2024-09-18	14:26:22	1,997	47.53	SE
2024-09-18	10:31:55	2,000	47.67	SE	2024-09-18	14:26:22	3	47.53	SE
2024-09-18	10:39:22	737	47.65	SE	2024-09-18	14:33:28	728	47.54	SE
2024-09-18	10:41:00	582	47.59	SE	2024-09-18	14:37:06	2,000	47.62	SE
2024-09-18	10:44:55	358	47.61	SE	2024-09-18	14:45:37	378	47.54	SE
2024-09-18	10:46:52	2,000	47.63	SE	2024-09-18	14:45:40	393	47.54	SE
2024-09-18	10:54:15	295	47.64	SE	2024-09-18	14:49:10	2,000	47.59	SE
2024-09-18	10:54:44	737	47.64	SE	2024-09-18	14:57:50	2,000	47.59	SE
2024-09-18	10:54:44	326	47.64	SE	2024-09-18	15:05:26	240	47.6	SE
2024-09-18	11:01:19	287	47.6	SE	2024-09-18	15:05:31	631	47.6	SE
2024-09-18	11:01:19	204	47.6	SE	2024-09-18	15:05:31	421	47.6	SE
2024-09-18	11:01:26	265	47.6	SE	2024-09-18	15:05:32	356	47.6	SE
2024-09-18	11:04:14	2,000	47.6	SE	2024-09-18	15:13:33	650	47.57	SE
2024-09-18	11:11:54	2,000	47.63	SE	2024-09-18	15:14:00	2,000	47.6	SE
2024-09-18	11:19:57	2,000	47.61	SE	2024-09-18	15:14:00	422	47.57	SE
2024-09-18	11:29:07	2,000	47.64	SE	2024-09-18	15:17:43	2,000	47.6	SE
2024-09-18	11:35:29	297	47.6	SE	2024-09-18	15:21:07	737	47.56	SE
2024-09-18	11:37:20	360	47.61	SE	2024-09-18	15:22:42	280	47.54	SE
2024-09-18	11:38:50	737	47.62	SE	2024-09-18	15:23:26	373	47.54	SE
2024-09-18	11:43:02	339	47.55	SE	2024-09-18	15:26:20	737	47.56	SE
2024-09-18	11:43:10	336	47.55	SE	2024-09-18	15:26:20	446	47.56	SE
2024-09-18	11:46:27	545	47.51	SE	2024-09-18	15:26:55	2,000	47.59	SE
2024-09-18	11:46:28	2,000	47.55	SE	2024-09-18	15:31:37	447	47.55	SE
2024-09-18	11:55:25	221	47.52	SE	2024-09-18	15:32:28	2,000	47.6	SE
2024-09-18	11:56:14	737	47.57	SE	2024-09-18	15:36:59	340	47.53	SE
2024-09-18	11:59:38	737	47.58	SE	2024-09-18	15:37:14	455	47.53	SE
2024-09-18	11:59:38	16	47.58	SE	2024-09-18	15:37:14	190	47.53	SE
2024-09-18	11:59:39	510	47.58	SE	2024-09-18	15:38:55	2,000	47.52	SE
2024-09-18	11:59:39	737	47.58	SE	2024-09-18	15:57:16	737	47.56	SE
2024-09-18	12:08:49	2,000	47.53	SE	2024-09-18	15:57:16	409	47.56	SE
2024-09-18	12:16:38	2,000	47.49	SE	2024-09-18	15:57:17	2,000	47.6	SE
2024-09-18	12:25:43	2,000	47.62	SE	2024-09-18	15:57:17	2,000	47.6	SE
2024-09-18	12:33:15	2,000	47.55	SE	2024-09-18	15:57:18	2,000	47.59	SE
2024-09-18	12:41:28	2,000	47.53	SE	2024-09-18	15:58:50	737	47.55	SE
2024-09-18	12:50:15	251	47.48	SE	2024-09-18	16:00:29	2,000	47.55	SE
2024-09-18	12:50:38	251	47.48	SE	2024-09-18	16:04:45	396	47.46	SE
2024-09-18	12:50:39	737	47.48	SE	2024-09-18	16:05:47	425	47.46	SE
2024-09-18	12:55:51	2,000	47.49	SE	2024-09-18	16:06:18	423	47.46	SE
2024-09-18	13:03:16	2,000	47.51	SE	2024-09-18	16:07:36	728	47.47	SE
2024-09-18	13:11:04	737	47.53	SE	2024-09-18	16:08:27	237	47.43	SE
2024-09-18	13:14:40	737	47.56	SE	2024-09-18	16:10:07	2,000	47.45	SE
2024-09-18	13:17:30	355	47.59	SE	2024-09-18	16:14:23	2,000	47.39	SE
2024-09-18	13:17:32	640	47.59	SE	2024-09-18	16:29:25	2,000	47.51	SE
2024-09-18	13:21:20	2,000	47.66	SE	2024-09-18	16:29:25	2,000	47.48	SE
2024-09-18	13:30:06	2,000	47.58	SE	2024-09-18	16:29:26	2,000	47.52	SE
2024-09-18	13:39:02	358	47.54	SE	2024-09-18	16:31:03	2,000	47.47	SE
2024-09-18	13:40:48	2,000	47.59	SE	2024-09-18	16:36:06	2,000	47.46	SE
2024-09-18	13:47:02	728	47.54	SE	2024-09-18	16:40:01	2,000	47.5	SE
2024-09-18	13:51:11	2,000	47.6	SE	2024-09-18	16:44:21	2,000	47.59	SE
2024-09-18	13:59:24	728	47.54	SE	2024-09-18	16:49:55	2,000	47.58	SE
2024-09-18	14:02:00	737	47.5	SE	2024-09-18	16:53:16	2,000	47.59	SE
2024-09-18	14:02:00	737	47.5	SE	2024-09-18	16:57:49	2,000	47.55	SE
2024-09-18	14:02:00	346	47.5	SE					
2024-09-18	14:02:01	180	47.5	SE					
2024-09-18	14:11:16	357	47.51	SE					
2024-09-18	14:11:17	307	47.51	SE					
2024-09-18	14:13:25	737	47.51	SE					
2024-09-18	14:13:25	239	47.51	SE					
2024-09-18	14:17:36	2,000	47.51	SE					