7월 12일 굴뚝별 트랜드

					07-12 00:00	07-12 00:30	07-12 01:00	07-12 01:30	07-12 02:00	07-12 02:30	07-12 03:00	07-12 03:30	07-12 04:00	07-12 04:30	07-12 05:00	07-12 05:30	07-12 06:00	07-12 06:30	07-12 07:00	07-12 07:30
TSP	20	mg/Sm³	12	1	0.64	0.48	0.51	0.52	0.49	0.48	0.50	0.49	0.66	0.48	0.56	0.54	0.51	0.46	0.51	0.53
SOx	30	ppm	12	1	0.69	0.07	0.00	0.03	0.00	0.03	0.20	0.06	0.00	0.53	0.00	0.00	0.00	0.52	0.00	0.00
NOx	70	ppm	12	1	22.41	20.95	18.86	20.25	20.01	22.41	20.82	22.83	39.29	26.84	21.12	22.68	23.98	30.60	27.75	23.16
HCl	15	ppm	12	1	4.31	4.29	3.49	4.36	3.68	3.04	3.41	3.51	4.22	3.69	3.39	2.91	2.26	3.37	3.78	3.29
CO	50	ppm	12	1	80.96	0.23	0.30	0.22	0.44	0.43	1.31	0.33	0.17	11.53	0.31	0.38	0.24	2.62	0.16	0.27
O_2		%	0	0.1	9.06	6.35	6.94	7.21	6.31	6.14	6.73	6.12	9.19	6.02	8.05	7.69	6.88	5.57	7.08	7.69
FL1		Sm³	12	10	11,664	14,861	14,396	13,873	15,167	15,266	14,435	14,958	11,747	15,147	12,921	13,425	14,251	15,559	13,813	13,168
TMP		℃	0	1	178.79	179.10	178.61	178.68	178.93	178.70	178.46	178.40	178.33	178.24	177.94	177.34	177.73	177.97	178.12	177.43
TM1		℃	0	1	1,078.23	1,069.32	1,039.09	1,061.19	1,053.63	1,062.43	1,064.41	1,091.43	1,097.16	1,113.55	1,030.03	1,035.67	1,041.85	1,127.68	1,085.15	1,051.44
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-12 08:00	07-12 08:30	07-12 09:00	07-12 09:30	07-12 10:00	07-12 10:30	07-12 11:00	07-12 11:30	07-12 12:00	07-12 12:30	07-12 13:00	07-12 13:30	07-12 14:00	07-12 14:30	07-12 15:00	07-12 15:30
TSP	20	mg/Sm³	12	1	0.65	0.52	0.54	0.49	0.49	0.51	0.55	0.49	0.63	0.49	0.50	0.49	0.49	0.51	0.51	0.49
SOx	30	ppm	12	1	0.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.01	0.00	0.49
NOx	70	ppm	12	1	32.20	23.18	22.32	26.42	33.46	28.80	23.60	29.44	30.36	29.74	23.12	23.12	19.97	25.67	29.17	28.65
HCl	15	ppm	12	1	6.78	6.50	2.66	1.35	2.03	2.38	1.81	1.39	2.26	1.31	1.42	1.50	1.64	1.56	1.57	2.62
CO	50	ppm	12	1	0.44	3.90	0.25	0.48	0.20	0.28	0.60	0.18	0.39	0.21	0.31	0.24	0.23	0.28	0.30	0.28
O_2		%	0	0.1	9.47	7.35	8.14	6.96	7.09	7.69	8.81	7.50	10.13	7.36	7.52	7.07	7.32	7.76	7.78	7.19
FL1		Sm³	12	10	11,513	13,833	13,031	14,518	14,185	13,365	11,920	13,174	10,413	13,721	13,691	14,085	13,504	13,050	13,216	13,779
TMP		℃	0	1	177.57	177.32	177.39	177.25	178.04	177.84	176.89	176.63	177.23	177.59	178.12	178.35	178.33	177.78	177.91	177.82
TM1		℃	0	1	1,051.08	1,062.41	1,044.47	1,046.59	1,057.59	1,053.97	1,016.97	1,066.08	1,070.85	1,047.74	1,028.15	1,048.71	1,048.71	1,066.94	1,045.43	1,059.08
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.14

					07-12 16:00	07-12 16:30	07-12 17:00	07-12 17:30	07-12 18:00	07-12 18:30	07-12 19:00	07-12 19:30	07-12 20:00	07-12 20:30	07-12 21:00	07-12 21:30	07-12 22:00	07-12 22:30	07-12 23:00	07-12 23:30
TSP	20	mg/Sm³	12	1	0.61	0.50	0.44	0.58	0.43	0.46	0.44	0.50	0.59	0.49	0.48	0.54	0.46	0.50	0.47	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.50	0.02	6.60	0.00	0.00	0.00
NOx	70	ppm	12	1	30.07	24.46	27.25	15.64	21.69	19.18	21.00	16.68	28.26	24.47	33.91	24.37	30.63	30.89	31.84	28.38
HCl	15	ppm	12	1	2.40	1.50	1.31	1.80	0.62	1.31	1.04	1.50	1.59	2.07	2.69	5.19	3.48	2.89	1.60	1.85
CO	50	ppm	12	1	0.45	0.28	0.12	0.83	0.34	0.29	0.27	0.45	0.18	0.24	0.22	0.34	28.29	0.23	0.16	0.17
O_2		%	0	0.1	10.42	7.49	5.95	9.57	6.25	7.26	6.22	8.02	9.39	6.90	6.35	7.97	5.54	6.90	6.19	6.60
FL1		Sm³	12	10	11,274	13,624	15,166	10,991	14,829	13,083	14,404	12,586	11,662	13,920	14,744	12,675	15,365	13,725	14,478	14,229
TMP		℃	0	1	177.74	177.85	178.44	177.57	175.76	177.40	177.37	176.97	176.99	177.85	177.60	177.18	177.01	177.54	176.79	177.13
TM1		℃	0	1	1,029.99	1,032.55	1,100.14	979.79	1,055.38	1,036.20	1,091.84	1,003.42	1,055.81	1,074.72	1,080.06	1,053.05	1,110.78	1,112.11	1,132.05	1,117.91
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 13일 굴뚝별 트랜드

					07-13 00:00	07-13 00:30	07-13 01:00	07-13 01:30	07-13 02:00	07-13 02:30	07-13 03:00	07-13 03:30	07-13 04:00	07-13 04:30	07-13 05:00	07-13 05:30	07-13 06:00	07-13 06:30	07-13 07:00	07-13 07:30
TSP	20	mg/Sm³	12	1	0.61	0.53	0.46	0.48	0.52	0.51	0.46	0.53	0.65	0.51	0.50	0.54	0.44	0.49	0.55	0.52
SOx	30	ppm	12	1	0.00	0.00	0.03	0.37	0.00	0.01	0.00	0.00	0.00	0.00	0.06	0.01	0.75	0.00	0.00	0.00
NOx	70	ppm	12	1	38.03	27.86	31.36	25.90	29.96	28.50	28.51	25.80	33.19	23.49	24.33	20.91	22.90	25.44	17.76	16.88
HCl	15	ppm	12	1	2.06	1.71	1.52	2.03	1.71	1.87	1.21	1.89	2.24	2.39	2.44	3.18	2.39	2.54	2.80	2.22
CO	50	ppm	12	1	0.24	0.18	0.19	2.39	0.27	10.05	0.51	0.37	0.42	0.31	0.46	0.54	22.85	0.41	0.44	0.33
O_2		%	0	0.1	8.89	7.56	6.02	6.33	7.33	6.94	5.82	7.42	9.75	7.06	6.74	7.75	4.91	6.53	8.16	7.76
FL1		Sm³	12	10	12,336	13,188	14,958	14,226	13,653	13,826	14,634	13,315	11,378	13,867	14,304	13,263	16,371	14,570	12,503	13,197
TMP		℃	0	1	177.24	177.19	176.64	176.67	176.29	176.64	175.91	175.93	176.27	177.08	177.13	176.83	177.05	177.98	176.98	176.44
TM1		℃	0	1	1,103.19	1,075.11	1,107.48	1,131.75	1,074.34	1,098.01	1,110.02	1,065.90	1,066.96	1,057.67	1,068.83	1,021.49	1,121.15	1,092.85	1,033.91	1,022.63
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-13 08:00	07-13 08:30	07-13 09:00	07-13 09:30	07-13 10:00	07-13 10:30	07-13 11:00	07-13 11:30	07-13 12:00	07-13 12:30	07-13 13:00	07-13 13:30	07-13 14:00	07-13 14:30	07-13 15:00	07-13 15:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.52	0.49	0.47	0.46	0.42	0.43	0.61	0.45	0.49	0.48	0.52	0.47	0.44	0.51
SOx	30	ppm	12	1	0.00	0.02	0.00	0.00	0.00	0.00	1.19	3.41	0.00	0.00	0.06	0.78	0.00	0.09	1.83	1.11
NOx	70	ppm	12	1	26.93	21.55	13.60	17.10	15.44	21.17	25.49	28.22	32.09	27.17	21.29	26.83	18.56	26.25	19.81	15.31
HCl	15	ppm	12	1	2.83	2.43	2.24	1.77	1.89	1.92	2.82	7.43	6.53	3.01	3.06	3.79	5.48	4.37	8.04	6.38
CO	50	ppm	12	1	0.27	1.35	0.25	0.20	0.17	0.24	0.94	0.14	0.33	0.26	0.34	1.68	0.48	0.33	0.38	0.37
O_2		%	0	0.1	8.98	6.11	7.96	7.21	7.16	6.40	4.84	5.79	9.78	6.13	7.11	6.95	8.05	6.71	6.31	7.78
FL1		Sm³	12	10	11,962	14,906	12,793	13,793	13,723	14,773	16,539	15,145	11,371	14,988	14,046	14,049	12,785	14,646	14,911	13,236
TMP		℃	0	1	177.41	177.87	176.87	176.59	177.21	177.53	178.45	179.01	178.37	178.04	178.18	178.50	177.69	178.14	179.19	178.38
TM1		℃	0	1	1,078.59	1,099.51	1,027.61	1,037.71	1,030.85	1,060.06	1,124.93	1,141.35	1,078.30	1,101.62	1,082.41	1,060.43	1,037.95	1,050.81	1,074.59	1,034.27
TM3		℃	0	1	36.13	36.14	36.14	36.15	36.16	36.16	36.17	36.17	36.16	36.16	36.16	36.16	36.15	36.14	36.14	36.13

					07-13 16:00	07-13 16:30	07-13 17:00	07-13 17:30	07-13 18:00	07-13 18:30	07-13 19:00	07-13 19:30	07-13 20:00	07-13 20:30	07-13 21:00	07-13 21:30	07-13 22:00	07-13 22:30	07-13 23:00	07-13 23:30
TSP	20	mg/Sm³	12	1	0.60	0.48	0.46	0.46	0.51	0.51	0.49	0.52	0.64	0.47	0.45	0.45	0.44	0.44	0.46	0.51
SOx	30	ppm	12	1	0.00	0.34	0.00	0.03	0.00	0.01	0.14	1.99	7.56	3.98	0.00	0.01	0.02	0.33	0.00	0.00
NOx	70	ppm	12	1	17.87	18.23	18.22	23.00	19.70	19.00	21.00	18.59	28.81	19.25	19.40	21.74	19.57	17.13	18.39	16.55
HCl	15	ppm	12	1	3.91	3.90	3.36	3.90	4.56	6.69	5.97	9.33	30.06	12.16	4.37	4.32	4.31	5.14	3.72	3.35
CO	50	ppm	12	1	0.55	5.00	0.35	0.33	0.48	0.42	0.20	0.32	0.31	0.57	1.39	0.47	1.43	3.44	2.38	0.41
O_2		%	0	0.1	10.83	7.26	7.06	6.55	8.08	8.11	7.18	8.05	9.98	5.74	4.96	5.41	4.78	4.80	5.54	7.07
FL1		Sm³	12	10	10,821	13,437	13,568	14,341	13,308	13,699	14,966	13,685	12,189	15,334	16,922	16,428	17,110	16,484	14,950	14,235
TMP		℃	0	1	177.04	177.32	177.56	177.43	178.15	178.79	179.78	180.03	179.95	179.56	179.12	179.74	179.91	179.81	178.58	177.97
TM1		℃	0	1	977.83	1,051.12	1,047.95	1,055.21	1,005.17	1,004.22	1,041.27	1,012.94	1,055.03	1,088.07	1,109.10	1,085.29	1,112.21	1,113.92	1,086.87	1,024.19
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

7월 14일 굴뚝별 트랜드

					07-14 00:00	07-14 00:30	07-14 01:00	07-14 01:30	07-14 02:00	07-14 02:30	07-14 03:00	07-14 03:30	07-14 04:00	07-14 04:30	07-14 05:00	07-14 05:30	07-14 06:00	07-14 06:30	07-14 07:00	07-14 07:30
TSP	20	mg/Sm³	12	1	0.64	0.46	0.45	0.45	0.49	0.48	0.45	0.47	0.62	0.47	0.41	0.45	0.52	0.46	0.46	0.53
SOx	30	ppm	12	1	0.00	0.00	1.74	0.99	1.17	0.00	0.00	0.33	0.02	0.00	6.65	0.00	0.00	0.17	0.01	0.00
NOx	70	ppm	12	1	16.54	17.05	14.79	15.64	17.80	15.94	14.43	14.59	16.51	12.65	12.82	14.74	19.90	21.83	20.12	20.65
HCl	15	ppm	12	1	4.58	2.94	6.80	6.45	9.61	4.24	4.35	6.42	8.79	5.89	8.19	4.56	3.51	3.82	4.15	4.07
CO	50	ppm	12	1	0.59	1.97	21.08	4.62	1.41	3.22	6.34	1.29	3.89	1.26	68.34	1.52	0.30	13.83	0.56	0.45
O_2		%	0	0.1	10.00	6.34	5.19	5.86	6.78	6.54	6.00	5.88	8.11	5.67	3.59	5.28	7.08	5.48	5.80	7.79
FL1		Sm³	12	10	11,225	15,605	16,312	15,587	15,009	14,719	15,419	15,960	13,298	16,276	17,777	15,384	13,822	15,838	15,449	13,710
TMP		℃	0	1	177.87	178.04	179.26	178.69	179.34	178.24	177.85	178.53	179.15	179.76	180.12	178.50	177.37	177.87	178.19	178.07
TM1		℃	0	1	1,002.25	1,030.14	1,084.05	1,070.34	1,042.07	1,037.12	1,040.97	1,051.37	1,049.19	1,040.87	1,107.40	1,093.17	1,041.95	1,075.36	1,084.54	1,023.99
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					07-14 08:00	07-14 08:30	07-14 09:00	07-14 09:30	07-14 10:00	07-14 10:30	07-14 11:00	07-14 11:30	07-14 12:00	07-14 12:30	07-14 13:00	07-14 13:30	07-14 14:00	07-14 14:30	07-14 15:00	07-14 15:30
TSP	20	mg/Sm³	12	1	0.63	0.50	0.46	0.48	0.49	0.42	0.46	0.43	0.60	0.46	0.41	0.53	0.45	0.44	0.46	0.44
SOx	30	ppm	12	1	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.49	8.09	0.00	0.00	0.28	0.10	0.00
NOx	70	ppm	12	1	25.26	11.53	20.37	17.18	15.16	21.41	22.28	22.72	21.93	15.14	19.55	11.72	11.88	9.51	8.91	10.96
HCl	15	ppm	12	1	6.07	8.35	6.11	4.39	4.04	3.54	3.72	4.23	7.15	3.88	7.45	6.57	2.94	3.66	2.98	3.10
CO	50	ppm	12	1	0.74	0.38	0.24	0.32	0.39	1.11	0.29	0.38	0.46	0.86	21.42	0.47	0.67	3.24	1.63	1.38
O_2		%	0	0.1	9.07	8.10	6.58	6.40	7.02	4.92	6.02	5.58	9.06	6.43	4.57	7.95	6.07	5.84	6.59	5.98
FL1		Sm³	12	10	12,410	12,961	15,034	15,172	14,491	17,019	15,849	16,070	12,512	15,080	17,122	13,252	15,589	15,667	14,865	15,626
TMP		℃	0	1	178.67	178.64	178.56	178.67	178.80	179.40	180.01	179.42	178.96	179.10	179.30	179.20	178.83	179.64	179.50	179.30
TM1		℃	0	1	1,035.48	1,003.59	1,052.85	1,035.93	1,016.66	1,081.31	1,067.37	1,080.76	1,043.44	1,032.13	1,101.97	997.37	1,022.32	1,039.08	1,010.30	1,047.60
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.15	36.16	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.15

					07-14 16:00	07-14 16:30	07-14 17:00	07-14 17:30	07-14 18:00	07-14 18:30	07-14 19:00	07-14 19:30	07-14 20:00	07-14 20:30	07-14 21:00	07-14 21:30	07-14 22:00	07-14 22:30	07-14 23:00	07-14 23:30
TSP	20	mg/Sm³	12	1	0.59	0.47	0.45	0.46	0.46	0.53	0.45	0.41	0.57	0.49	0.42	0.46	0.41	0.48	0.46	0.48
SOx	30	ppm	12	1	0.00	0.11	0.06	1.78	0.00	0.00	1.12	1.35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	11.62	9.36	10.14	11.24	12.14	13.06	19.63	11.53	15.35	9.99	14.36	12.57	19.52	13.11	14.55	13.18
HCl	15	ppm	12	1	6.07	3.17	2.32	9.05	3.59	2.87	2.49	5.04	3.76	1.76	1.52	1.76	1.70	2.46	1.96	2.03
CO	50	ppm	12	1	0.87	6.39	3.18	0.43	0.34	0.90	5.53	10.86	3.91	0.80	0.57	0.23	0.45	0.22	0.21	0.27
O_2		%	0	0.1	8.96	6.61	6.36	6.81	7.01	9.05	6.86	5.12	7.81	6.99	5.58	6.87	5.08	7.68	6.96	7.73
FL1		Sm³	12	10	12,306	14,731	15,072	14,428	13,950	11,649	15,109	15,871	12,297	13,803	14,947	13,697	15,655	12,716	13,504	12,663
TMP		℃	0	1	180.02	179.91	179.32	178.91	178.28	177.09	176.75	178.39	179.12	177.53	177.42	177.18	177.47	177.44	176.13	175.80
TM1		℃	0	1	1,040.33	1,028.83	1,020.33	1,010.27	1,017.51	959.05	989.84	1,090.25	1,097.78	1,028.25	1,102.40	1,054.15	1,122.20	1,042.81	1,035.68	1,018.13
TM3		℃	0	1	36.16	36.14	36.14	36.15	36.14	36.14	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13