1월 8일 굴뚝별 트랜드

					01-08 00:00	01-08 00:30	01-08 01:00	01-08 01:30	01-08 02:00	01-08 02:30	01-08 03:00	01-08 03:30	01-08 04:00	01-08 04:30	01-08 05:00	01-08 05:30	01-08 06:00	01-08 06:30	01-08 07:00	01-08 07:30
TSP	20	mg/Sm³	12	1	0.89	0.69	0.73	0.70	0.71	0.75	0.68	0.69	0.86	0.73	0.76	0.74	0.75	0.73	0.81	0.73
SOx	30	ppm	12	1	0.00	2.08	0.00	0.66	0.03	0.10	0.27	1.14	2.70	0.20	0.00	0.00	0.00	0.25	0.17	2.60
NOx	70	ppm	12	1	19.05	17.39	16.21	16.08	14.11	16.54	20.45	21.93	28.53	22.30	21.99	27.62	20.74	25.78	18.57	23.54
HCl	15	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00	1.12	0.39
CO	50	ppm	12	1	0.80	0.53	0.81	0.50	0.46	0.81	0.34	0.34	0.26	0.18	0.22	0.09	0.32	0.30	0.75	0.28
O_2		%	0	0.1	10.98	7.28	8.30	7.75	7.92	8.55	7.27	7.27	10.45	8.33	8.71	8.45	8.57	8.14	9.47	8.16
FL1		Sm³	12	10	11,162	14,147	13,152	13,396	13,167	12,640	14,021	14,297	11,218	12,969	12,404	12,725	12,555	13,065	11,417	12,916
TMP		℃	0	1	184.79	184.10	184.12	183.27	183.07	183.34	183.88	185.06	185.03	184.91	184.91	184.93	184.73	184.30	183.82	183.29
TM1		℃	0	1	994.26	1,057.01	989.86	1,022.06	1,020.83	1,011.80	1,041.89	1,051.05	1,048.00	1,048.36	1,031.26	1,047.35	1,036.33	1,046.69	1,016.12	1,051.15
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.49	36.49	36.48	36.48	36.48	36.49	36.48

					01-08 08:00	01-08 08:30	01-08 09:00	01-08 09:30	01-08 10:00	01-08 10:30	01-08 11:00	01-08 11:30	01-08 12:00	01-08 12:30	01-08 13:00	01-08 13:30	01-08 14:00	01-08 14:30	01-08 15:00	01-08 15:30
TSP	20	mg/Sm³	12	1	0.91	0.72	0.74	0.74	0.68	0.71	0.78	0.71	0.85	0.64	0.68	0.63	0.65	0.63	0.71	0.66
SOx	30	ppm	12	1	1.86	0.30	0.00	0.34	3.17	0.51	4.40	3.84	0.00	0.21	0.20	0.20	0.00	0.77	0.00	1.08
NOx	70	ppm	12	1	29.16	24.86	21.46	23.28	29.93	21.54	20.15	12.75	31.98	21.69	20.45	17.10	15.54	28.55	17.58	20.72
HCl	15	ppm	12	1	1.98	0.26	0.02	0.80	1.21	0.19	0.71	0.59	1.77	0.00	0.00	0.00	0.00	0.00	0.00	0.01
CO	50	ppm	12	1	0.37	0.15	0.36	0.28	0.17	0.28	0.31	4.83	0.32	0.40	0.28	11.09	0.39	0.22	0.51	0.32
O_2		%	0	0.1	10.68	8.03	8.55	8.42	7.18	7.37	7.45	7.44	9.57	6.11	7.17	6.22	6.89	6.27	7.74	6.93
FL1		Sm³	12	10	10,644	13,065	12,623	12,520	14,089	14,167	14,486	12,953	11,895	15,304	13,937	14,329	13,470	15,103	13,417	14,344
TMP		℃	0	1	183.60	184.31	184.77	184.13	184.49	185.33	186.33	184.19	183.96	184.98	185.30	184.69	183.94	184.70	185.70	185.14
TM1		℃	0	1	1,061.69	1,051.00	1,035.60	1,024.38	1,080.91	1,062.06	1,049.69	1,026.91	1,051.25	1,068.63	1,050.90	1,060.39	1,029.62	1,093.80	1,029.57	1,042.91
TM3		℃	0	1	36.48	36.47	36.47	36.49	36.50	36.51	36.51	36.51	36.51	36.50	36.51	36.51	36.51	36.51	36.51	36.51

					01-08 16:00	01-08 16:30	01-08 17:00	01-08 17:30	01-08 18:00	01-08 18:30	01-08 19:00	01-08 19:30	01-08 20:00	01-08 20:30	01-08 21:00	01-08 21:30	01-08 22:00	01-08 22:30	01-08 23:00	01-08 23:30
TSP	20	mg/Sm³	12	1	0.85	0.73	0.61	0.72	0.70	0.67	0.68	0.66	0.85	0.68	0.69	0.67	0.71	0.73	0.65	0.71
SOx	30	ppm	12	1	5.95	0.08	8.61	0.06	0.00	1.20	0.00	0.16	0.00	0.00	0.00	1.08	0.60	3.31	0.22	0.00
NOx	70	ppm	12	1	25.30	13.19	21.63	19.08	24.12	24.53	22.78	19.11	24.78	21.36	23.53	24.76	19.56	20.19	26.10	16.53
HCl	15	ppm	12	1	3.41	1.37	0.40	2.11	0.03	0.23	0.00	0.00	0.97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.56	0.81	0.96	0.79	0.47	0.40	0.31	0.36	0.53	0.27	0.20	0.23	0.40	0.75	0.18	0.28
O_2		%	0	0.1	9.48	8.15	5.93	7.93	7.69	7.02	7.14	6.68	9.82	7.00	7.25	6.78	7.59	7.92	6.49	7.96
FL1		Sm³	12	10	11,542	13,291	14,858	13,000	13,743	14,415	14,294	14,878	12,338	14,324	14,064	14,693	13,798	13,248	14,855	12,758
TMP		℃	0	1	185.38	185.24	184.93	184.28	184.73	185.40	185.62	185.31	184.78	184.57	184.89	185.31	185.06	184.99	184.61	184.21
TM1		℃	0	1	1,050.33	983.89	1,077.37	1,048.37	1,029.42	1,049.96	1,051.38	1,060.11	1,040.01	1,060.18	1,052.87	1,074.99	1,047.05	1,044.13	1,077.71	1,044.33
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.48	36.47	36.47	36.47	36.47	36.47	36.49	36.49	36.48

1월 9일 굴뚝별 트랜드

					01-09 00:00	01-09 00:30	01-09 01:00	01-09 01:30	01-09 02:00	01-09 02:30	01-09 03:00	01-09 03:30	01-09 04:00	01-09 04:30	01-09 05:00	01-09 05:30	01-09 06:00	01-09 06:30	01-09 07:00	01-09 07:30
TSP	20	mg/Sm³	12	1	0.89	0.68	0.72	0.68	0.65	0.66	0.67	0.67	0.92	0.77	0.77	0.73	0.78	0.74	0.78	0.75
SOx	30	ppm	12	1	0.71	0.82	0.49	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.12	0.02	0.71	3.19	0.03	6.33
NOx	70	ppm	12	1	29.75	23.12	18.94	22.44	19.49	20.46	22.73	23.50	29.30	18.19	19.44	21.65	20.98	26.21	22.76	21.88
HCl	15	ppm	12	1	0.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.02	0.00	0.22	0.00	0.23	1.00	0.38	0.70
CO	50	ppm	12	1	0.32	0.29	0.30	0.26	0.22	0.20	0.21	0.19	0.49	0.43	0.35	0.36	0.52	0.36	0.41	8.07
O_2		%	0	0.1	10.28	7.32	7.84	7.01	6.39	6.73	6.89	6.81	11.03	8.46	8.66	7.82	8.53	8.04	8.46	7.61
FL1		Sm³	12	10	10,844	13,902	13,335	13,886	14,115	13,719	13,536	13,843	10,926	12,684	12,249	13,382	12,648	13,130	12,704	13,954
TMP		℃	0	1	183.89	184.11	184.23	184.57	183.82	183.37	183.37	183.15	183.78	184.05	183.52	183.25	183.20	182.86	183.24	183.25
TM1		℃	0	1	1,065.51	1,054.83	1,049.79	1,076.37	1,067.52	1,072.15	1,068.25	1,071.69	1,034.50	1,009.62	1,029.05	1,041.25	1,043.45	1,036.59	1,043.89	1,034.79
TM3		℃	0	1	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.49	36.48	36.48	36.48	36.49	36.49	36.48	36.49	36.50

					01-09 08:00	01-09 08:30	01-09 09:00	01-09 09:30	01-09 10:00	01-09 10:30	01-09 11:00	01-09 11:30	01-09 12:00	01-09 12:30	01-09 13:00	01-09 13:30	01-09 14:00	01-09 14:30	01-09 15:00	01-09 15:30
TSP	20	mg/Sm³	12	1	0.89	0.79	0.74	0.75	0.73	0.76	0.72	0.74	0.90	0.63	0.72	0.66	0.72	0.76	0.72	0.61
SOx	30	ppm	12	1	8.09	0.08	0.67	1.31	11.60	4.03	1.97	4.96	9.22	15.44	0.35	1.50	0.00	0.00	0.37	18.17
NOx	70	ppm	12	1	34.83	18.19	19.86	19.29	23.23	19.55	19.04	17.06	20.00	22.44	16.92	25.33	21.32	22.46	23.28	29.25
HCl	15	ppm	12	1	2.30	0.52	0.00	0.07	2.05	3.80	3.98	5.93	11.80	3.33	3.95	2.52	4.03	3.57	3.54	8.90
CO	50	ppm	12	1	0.35	0.58	0.55	0.48	0.40	0.58	0.53	0.74	1.37	0.90	0.47	0.16	0.27	0.37	0.50	0.19
O_2		%	0	0.1	9.47	8.34	7.75	7.88	7.39	8.15	7.70	8.04	10.40	5.83	7.73	6.64	7.99	8.57	8.13	5.79
FL1		Sm³	12	10	12,301	13,120	13,709	13,534	13,979	13,112	13,691	13,136	12,428	15,768	13,353	14,599	13,008	12,314	12,932	15,469
TMP		℃	0	1	184.27	185.46	185.19	184.91	185.34	185.10	184.41	183.80	183.89	184.27	185.41	185.13	185.19	184.86	183.49	183.87
TM1		℃	0	1	1,080.65	1,016.23	1,018.44	1,021.55	1,058.37	1,021.55	1,019.05	1,016.63	973.95	1,084.23	1,037.92	1,069.45	1,045.77	1,022.40	1,020.98	1,108.65
TM3		℃	0	1	36.51	36.51	36.50	36.49	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.47	36.49	36.49	36.51

					01-09 16:00	01-09 16:30	01-09 17:00	01-09 17:30	01-09 18:00	01-09 18:30	01-09 19:00	01-09 19:30	01-09 20:00	01-09 20:30	01-09 21:00	01-09 21:30	01-09 22:00	01-09 22:30	01-09 23:00	01-09 23:30
TSP	20	mg/Sm³	12	1	0.85	0.67	0.79	0.64	0.67	0.69	0.67	0.71	0.90	0.71	0.71	0.67	0.74	0.67	0.73	0.65
SOx	30	ppm	12	1	10.14	3.97	0.01	2.81	13.08	8.13	7.15	0.65	0.89	4.45	6.16	6.69	0.73	2.44	1.09	6.97
NOx	70	ppm	12	1	32.58	28.01	18.24	27.24	28.19	22.96	32.24	23.86	36.55	20.15	20.16	24.73	17.07	24.33	24.02	22.92
HCl	15	ppm	12	1	16.63	0.47	1.13	1.50	4.95	6.87	8.06	7.93	7.61	0.10	2.52	1.29	3.41	1.90	3.43	2.57
CO	50	ppm	12	1	0.29	0.53	0.86	1.22	0.20	9.11	0.18	0.38	0.36	12.25	15.58	1.16	0.75	0.33	0.46	0.34
O_2		%	0	0.1	10.00	6.57	8.81	6.43	6.69	7.05	6.62	7.25	10.27	7.38	7.50	6.64	7.89	6.69	7.80	6.26
FL1		Sm³	12	10	11,651	14,692	12,536	15,070	14,708	14,346	14,909	14,153	11,509	13,983	13,814	14,781	13,536	14,825	13,579	15,400
TMP		℃	0	1	186.64	186.42	185.01	185.11	186.43	185.77	185.99	186.16	185.86	185.16	184.93	185.20	185.22	185.41	186.04	186.16
TM1		℃	0	1	1,080.17	1,115.90	993.39	1,082.44	1,105.50	1,063.66	1,111.21	1,064.41	1,075.93	1,030.41	1,049.67	1,066.35	1,013.62	1,066.64	1,041.91	1,065.55
TM3		℃	0	1	36.51	36.51	36.51	36.51	36.51	36.51	36.51	36.50	36.50	36.49	36.47	36.48	36.48	36.49	36.49	36.49

1월 10일 굴뚝별 트랜드

					01-10 00:00	01-10 00:30	01-10 01:00	01-10 01:30	01-10 02:00	01-10 02:30	01-10 03:00	01-10 03:30	01-10 04:00	01-10 04:30	01-10 05:00	01-10 05:30	01-10 06:00	01-10 06:30	01-10 07:00	01-10 07:30
TSP	20	mg/Sm³	12	1	0.94	0.71	0.66	0.71	0.66	0.77	0.64	0.64	0.87	0.67	0.63	0.72	0.68	0.75	0.59	0.66
SOx	30	ppm	12	1	4.93	5.53	6.82	0.33	4.90	0.00	2.16	14.58	45.01	4.02	13.77	0.00	0.11	0.08	2.67	0.00
NOx	70	ppm	12	1	22.90	17.65	24.40	20.61	21.27	9.38	19.82	18.85	32.05	22.57	18.57	17.28	20.46	17.51	18.35	10.07
HCl	15	ppm	12	1	10.32	1.14	0.99	1.27	2.33	4.47	0.75	1.82	13.79	3.35	6.70	7.61	3.86	3.26	0.29	0.84
CO	50	ppm	12	1	0.82	10.97	0.89	0.38	0.24	0.92	0.23	0.21	0.19	0.20	29.08	0.63	0.36	0.44	0.48	0.37
O_2		%	0	0.1	11.13	7.43	6.42	7.43	6.83	8.58	6.13	5.99	8.88	6.62	5.73	7.65	7.14	8.28	5.19	6.82
FL1		Sm³	12	10	10,554	14,033	15,098	14,102	14,538	12,645	15,782	15,827	12,071	15,025	15,652	13,639	13,911	13,057	15,559	13,611
TMP		℃	0	1	185.93	184.86	185.38	186.05	185.94	185.01	184.87	186.70	187.16	186.61	186.23	185.55	184.75	184.54	185.01	184.35
TM1		℃	0	1	1,014.32	1,035.17	1,084.35	1,027.99	1,063.10	983.99	1,064.25	1,074.72	1,101.05	1,066.41	1,106.80	1,036.67	1,075.93	1,025.93	1,099.17	1,046.41
TM3		℃	0	1	36.48	36.48	36.47	36.48	36.49	36.49	36.48	36.49	36.49	36.49	36.49	36.49	36.48	36.49	36.48	36.48

					01-10 08:00	01-10 08:30	01-10 09:00	01-10 09:30	01-10 10:00	01-10 10:30	01-10 11:00	01-10 11:30	01-10 12:00	01-10 12:30	01-10 13:00	01-10 13:30	01-10 14:00	01-10 14:30	01-10 15:00	01-10 15:30
TSP	20	mg/Sm³	12	1	0.87	0.69	0.56	0.52	0.51	0.49	0.50	0.50	0.50	0.50	0.50	0.49	0.49	6.22	1.00	0.94
SOx	30	ppm	12	1	0.00	0.00	2.04	0.00	0.00	31.03	0.94	1.33	0.57	0.22	0.25	0.22	0.21	5.15	20.72	10.85
NOx	70	ppm	12	1	12.61	11.21	9.47	0.63	0.50	66.08	0.91	1.07	0.98	0.78	0.81	0.83	0.83	37.65	60.51	37.18
HCl	15	ppm	12	1	3.98	0.00	0.25	0.03	0.00	10.29	0.24	0.04	0.01	0.00	0.00	0.00	0.00	5.23	3.18	10.45
CO	50	ppm	12	1	0.54	0.46	4.95	0.00	0.00	85.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	56.98	28.80
O_2		%	0	0.1	10.09	7.49	11.95	21.03	16.56	2.74	21.13	21.13	21.06	20.90	20.90	20.90	20.90	10.06	4.83	4.48
FL1		Sm³	12	10	11,153	13,885	17,468	19,222	19,126	18,915	19,022	19,425	18,926	17,568	17,246	17,625	17,718	16,592	8,933	10,371
TMP		℃	0	1	183.39	183.23	185.07	185.66	185.27	183.76	181.99	183.24	185.23	183.60	182.10	181.47	182.12	184.21	184.20	183.28
TM1		℃	0	1	1,010.65	1,020.11	1,108.71	1,077.59	988.20	941.04	1,049.94	1,120.15	1,111.67	1,093.43	1,077.96	1,060.97	1,111.80	1,112.61	1,036.86	1,057.09
TM3		℃	0	1	36.48	36.48	36.49	36.51	36.49	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47

					01-10 16:00	01-10 16:30	01-10 17:00	01-10 17:30	01-10 18:00	01-10 18:30	01-10 19:00	01-10 19:30	01-10 20:00	01-10 20:30	01-10 21:00	01-10 21:30	01-10 22:00	01-10 22:30	01-10 23:00	01-10 23:30
TSP	20	mg/Sm³	12	1	0.87	0.69	0.59	0.69	0.72	0.66	0.65	0.68	0.88	0.64	0.68	0.75	0.69	0.65	0.71	0.64
SOx	30	ppm	12	1	1.26	0.00	4.54	0.26	1.21	3.18	3.09	0.00	0.00	0.29	1.39	2.73	5.09	4.27	0.00	0.08
NOx	70	ppm	12	1	39.80	31.03	27.28	26.28	21.52	30.05	30.29	24.75	29.22	24.50	25.78	21.18	26.65	22.56	19.13	22.98
HCl	15	ppm	12	1	10.16	1.90	0.96	4.26	2.08	3.20	4.33	4.46	4.00	1.53	3.59	5.40	5.69	4.86	2.86	1.16
CO	50	ppm	12	1	0.28	0.19	20.10	0.23	8.71	14.60	0.23	0.27	0.50	2.31	0.44	4.55	9.66	24.58	0.57	0.36
O_2		%	0	0.1	9.49	7.16	5.01	7.22	7.54	6.48	6.31	7.01	10.18	6.45	7.00	7.89	7.08	6.17	7.42	6.22
FL1		Sm³	12	10	10,999	13,267	15,576	12,976	12,827	14,266	14,806	13,371	10,362	14,185	14,125	13,336	13,853	14,289	13,017	14,336
TMP		℃	0	1	183.64	183.91	184.05	184.38	183.52	183.31	185.66	185.44	184.54	184.29	184.97	186.06	185.16	184.77	184.35	184.28
TM1		℃	0	1	1,090.17	1,080.97	1,139.51	1,100.59	1,050.60	1,114.23	1,118.45	1,087.39	1,079.07	1,079.03	1,083.00	1,067.61	1,071.63	1,097.45	1,054.61	1,079.21
TM3		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47