7월 9일 굴뚝별 트랜드

					07-09 00:00	07-09 00:30	07-09 01:00	07-09 01:30	07-09 02:00	07-09 02:30	07-09 03:00	07-09 03:30	07-09 04:00	07-09 04:30	07-09 05:00	07-09 05:30	07-09 06:00	07-09 06:30	07-09 07:00	07-09 07:30
TSP	20	mg/Sm³	12	1	0.70	0.55	0.55	0.52	0.54	0.58	0.55	0.54	0.71	0.53	0.54	0.49	0.61	0.53	0.52	0.57
SOx	30	ppm	12	1	0.68	4.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.65	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	23.84	16.26	17.08	17.87	22.08	19.06	18.98	22.97	25.55	21.19	18.20	25.55	11.77	17.13	22.15	17.97
HCl	15	ppm	12	1	3.73	9.61	3.77	2.30	2.14	1.95	1.43	1.42	1.77	0.92	1.51	1.48	2.74	0.87	0.80	1.31
CO	50	ppm	12	1	0.35	1.33	0.76	0.17	0.22	0.26	0.25	0.30	0.24	0.28	0.50	3.08	0.35	0.22	0.35	0.35
O_2		%	0	0.1	9.11	6.13	6.22	6.42	6.29	7.16	6.65	6.45	9.61	6.33	6.11	4.61	7.76	6.88	5.45	7.28
FL1		Sm³	12	10	12,169	15,530	15,175	14,641	15,088	14,200	14,927	15,166	11,654	15,252	15,518	17,296	13,365	14,235	16,272	14,322
TMP		℃	0	1	175.45	176.59	176.80	175.73	175.88	176.06	175.66	176.42	176.30	175.32	176.02	177.13	176.60	174.24	175.60	176.61
TM1		℃	0	1	1,038.30	1,058.23	1,054.66	1,061.55	1,073.95	1,038.63	1,051.89	1,059.02	1,035.97	1,062.12	1,065.10	1,118.79	1,030.57	1,041.63	1,102.83	1,040.79
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-09 08:00	07-09 08:30	07-09 09:00	07-09 09:30	07-09 10:00	07-09 10:30	07-09 11:00	07-09 11:30	07-09 12:00	07-09 12:30	07-09 13:00	07-09 13:30	07-09 14:00	07-09 14:30	07-09 15:00	07-09 15:30
TSP	20	mg/Sm³	12	1	0.74	0.55	0.56	0.55	0.59	0.56	0.57	0.56	0.68	0.48	0.55	0.56	0.54	0.58	0.55	0.50
SOx	30	ppm	12	1	0.00	0.00	0.00	1.15	0.01	0.00	0.01	0.12	0.04	7.76	1.67	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	21.54	18.66	17.85	20.35	16.25	20.56	22.40	20.70	27.56	24.52	28.40	28.10	25.46	24.51	22.60	25.28
HCl	15	ppm	12	1	1.14	1.14	1.17	1.51	2.88	1.67	2.41	3.01	2.88	6.16	6.99	5.44	2.16	1.25	1.19	0.71
CO	50	ppm	12	1	0.23	0.13	0.12	1.09	0.25	0.15	0.20	0.18	0.14	5.35	0.12	0.16	0.13	0.31	0.42	0.40
O_2		%	0	0.1	9.45	6.97	7.22	6.36	7.48	7.07	7.13	7.22	9.31	4.77	6.21	6.77	6.60	7.58	7.30	5.84
FL1		Sm³	12	10	12,125	14,729	14,525	15,649	14,191	14,711	14,692	14,453	12,235	17,693	15,692	14,311	13,451	12,673	12,866	14,765
TMP		℃	0	1	176.63	177.31	176.75	176.99	177.18	176.65	177.16	177.20	176.75	177.71	178.83	178.47	176.52	174.53	173.87	174.90
TM1		℃	0	1	1,053.51	1,039.81	1,030.65	1,058.39	1,024.13	1,042.54	1,018.55	1,032.13	1,045.76	1,132.97	1,112.25	1,095.76	1,098.93	1,042.48	1,054.83	1,100.19
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-09 16:00	07-09 16:30	07-09 17:00	07-09 17:30	07-09 18:00	07-09 18:30	07-09 19:00	07-09 19:30	07-09 20:00	07-09 20:30	07-09 21:00	07-09 21:30	07-09 22:00	07-09 22:30	07-09 23:00	07-09 23:30
TSP	20	mg/Sm³	12	1	0.69	0.52	0.55	0.53	0.52	0.53	0.52	0.53	0.69	0.54	0.56	0.53	0.53	0.52	0.54	0.58
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.06	0.62	0.35	0.16	0.09	0.15	0.21	0.17	0.00	0.04	0.06
NOx	70	ppm	12	1	34.53	26.83	24.70	21.96	23.19	23.91	29.80	24.08	26.69	33.02	23.10	26.87	24.80	28.46	22.19	21.67
HCl	15	ppm	12	1	1.30	1.50	1.25	0.73	0.62	1.44	2.75	4.90	4.72	4.20	4.84	2.88	3.75	2.93	2.74	3.47
CO	50	ppm	12	1	0.43	0.32	0.41	0.42	0.50	0.77	0.30	0.21	14.42	0.24	0.37	0.48	0.23	0.88	0.96	0.28
O_2		%	0	0.1	9.07	6.47	7.34	6.97	6.92	6.76	5.94	6.21	8.73	6.42	7.15	6.45	6.32	6.13	6.68	6.93
FL1		Sm³	12	10	11,347	13,928	13,058	13,402	13,884	14,505	15,582	15,053	12,281	14,915	13,931	14,853	15,089	15,447	14,639	14,139
TMP		℃	0	1	174.91	174.80	174.68	173.79	173.65	175.07	177.39	177.65	177.42	177.89	177.74	177.28	177.61	177.99	177.73	177.26
TM1		℃	0	1	1,054.17	1,068.27	1,033.53	1,055.45	1,035.51	1,055.73	1,084.72	1,090.27	1,063.77	1,081.12	1,068.19	1,056.15	1,082.43	1,068.49	1,049.27	1,063.39
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 10일 굴뚝별 트랜드

					07-10 00:00	07-10 00:30	07-10 01:00	07-10 01:30	07-10 02:00	07-10 02:30	07-10 03:00	07-10 03:30	07-10 04:00	07-10 04:30	07-10 05:00	07-10 05:30	07-10 06:00	07-10 06:30	07-10 07:00	07-10 07:30
TSP	20	mg/Sm³	12	1	0.69	0.52	0.55	0.54	0.54	0.53	0.58	0.53	0.74	0.53	0.59	0.52	0.52	0.54	0.57	0.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.05	0.95	0.77	0.46	0.00	0.00	0.31	0.43	0.11	2.38	1.53	0.00	0.00
NOx	70	ppm	12	1	32.01	18.49	20.10	18.75	18.58	19.55	15.46	18.57	20.57	17.24	13.95	17.47	16.79	17.65	11.84	18.70
HCl	15	ppm	12	1	2.89	2.99	3.66	3.37	6.42	5.54	5.91	2.79	6.20	3.58	5.00	3.59	6.18	8.53	4.31	3.05
CO	50	ppm	12	1	0.46	1.34	0.43	0.93	0.77	0.42	0.62	1.25	0.67	0.80	1.07	0.57	5.55	1.39	0.68	0.81
O_2		%	0	0.1	8.35	5.18	6.50	6.15	6.20	5.72	6.96	5.75	8.92	5.48	7.61	6.13	5.43	5.86	6.51	5.54
FL1		Sm³	12	10	12,961	16,500	14,995	15,368	15,177	16,015	14,373	15,967	12,048	16,245	13,303	15,100	16,383	15,765	15,022	15,781
TMP		℃	0	1	177.49	178.57	178.28	177.81	177.99	178.20	178.00	177.48	177.91	178.00	177.27	175.79	177.87	178.74	178.38	178.19
TM1		℃	0	1	1,043.02	1,091.20	1,042.21	1,030.20	1,042.54	1,042.75	1,019.95	1,037.16	1,030.31	1,055.33	1,007.59	1,051.11	1,066.49	1,069.96	1,016.33	1,071.21
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-10 08:00	07-10 08:30	07-10 09:00	07-10 09:30	07-10 10:00	07-10 10:30	07-10 11:00	07-10 11:30	07-10 12:00	07-10 12:30	07-10 13:00	07-10 13:30	07-10 14:00	07-10 14:30	07-10 15:00	07-10 15:30
TSP	20	mg/Sm³	12	1	0.71	0.50	0.54	0.53	0.54	0.55	0.50	0.51	0.67	0.51	0.44	0.49	0.46	0.49	0.47	0.48
SOx	30	ppm	12	1	0.07	0.25	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.62	0.01	0.34	0.00	0.01	0.00
NOx	70	ppm	12	1	24.78	17.43	17.33	17.57	12.83	15.37	19.66	16.83	18.76	14.40	19.00	14.70	12.94	11.89	13.92	18.36
HCl	15	ppm	12	1	5.26	4.27	4.38	4.11	4.31	3.35	2.88	3.66	5.07	3.68	3.44	4.62	4.13	4.17	3.08	3.88
CO	50	ppm	12	1	0.80	1.42	0.26	0.23	0.26	0.32	0.30	0.46	0.63	0.43	2.77	1.03	16.60	0.39	2.57	1.24
O_2		%	0	0.1	8.37	5.33	6.41	6.02	6.62	7.07	6.00	6.20	9.00	6.91	5.74	6.64	6.02	6.77	5.76	5.78
FL1		Sm³	12	10	12,611	16,231	15,048	15,509	14,636	13,972	15,277	14,911	12,089	14,120	15,351	14,497	15,115	14,272	15,624	16,258
TMP		℃	0	1	178.26	178.56	178.52	178.45	178.39	177.71	177.65	178.12	178.34	178.31	178.27	178.54	178.68	178.69	178.68	179.83
TM1		℃	0	1	1,072.03	1,095.77	1,052.11	1,056.57	1,031.11	1,015.62	1,051.92	1,040.79	1,025.43	1,001.13	1,054.67	1,028.98	1,049.58	1,008.96	1,044.97	1,068.26
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-10 16:00	07-10 16:30	07-10 17:00	07-10 17:30	07-10 18:00	07-10 18:30	07-10 19:00	07-10 19:30	07-10 20:00	07-10 20:30	07-10 21:00	07-10 21:30	07-10 22:00	07-10 22:30	07-10 23:00	07-10 23:30
TSP	20	mg/Sm³	12	1	0.66	0.49	0.45	0.47	0.50	0.52	0.46	0.51	0.65	0.48	0.50	0.49	0.47	0.49	0.48	0.49
SOx	30	ppm	12	1	1.40	0.08	1.48	0.78	2.65	1.22	2.24	0.02	0.00	0.58	0.44	4.96	0.14	0.06	0.55	0.63
NOx	70	ppm	12	1	18.03	12.33	15.98	20.03	21.68	22.42	29.34	20.02	27.87	20.71	18.91	17.26	18.52	17.39	19.12	14.60
HCl	15	ppm	12	1	9.96	7.12	4.90	6.97	6.51	8.77	5.47	6.70	5.89	6.00	6.07	9.03	3.01	3.23	3.21	3.66
CO	50	ppm	12	1	0.62	1.44	22.11	0.24	0.91	0.35	11.18	0.35	0.58	1.17	0.86	15.54	5.97	1.56	2.38	12.69
O_2		%	0	0.1	8.35	6.38	4.72	5.65	6.15	6.74	5.25	6.56	8.84	5.56	6.26	5.82	5.30	6.10	5.52	5.95
FL1		Sm³	12	10	12,819	14,653	16,491	15,637	15,129	14,419	16,370	14,810	12,459	15,762	14,805	15,269	15,563	14,507	15,091	14,741
TMP		℃	0	1	181.71	181.76	180.21	180.24	179.89	180.17	180.30	180.29	179.91	180.07	179.84	178.69	178.13	177.82	177.51	177.51
TM1		℃	0	1	1,063.18	1,043.20	1,104.07	1,085.89	1,076.39	1,073.23	1,082.12	1,063.95	1,050.91	1,081.57	1,046.59	1,060.57	1,071.77	1,073.61	1,090.77	1,081.08
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

7월 11일 굴뚝별 트랜드

					07-11 00:00	07-11 00:30	07-11 01:00	07-11 01:30	07-11 02:00	07-11 02:30	07-11 03:00	07-11 03:30	07-11 04:00	07-11 04:30	07-11 05:00	07-11 05:30	07-11 06:00	07-11 06:30	07-11 07:00	07-11 07:30
TSP	20	mg/Sm³	12	1	0.64	0.52	0.52	0.50	0.53	0.51	0.51	0.52	0.65	0.49	0.51	0.54	0.48	0.49	0.48	0.45
SOx	30	ppm	12	1	2.64	0.62	0.42	0.51	0.29	0.00	1.12	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.26	1.81
NOx	70	ppm	12	1	23.29	22.30	18.22	20.69	22.13	22.22	17.72	18.38	22.12	15.86	14.49	13.99	16.30	15.29	16.12	19.68
HCl	15	ppm	12	1	4.90	5.02	7.01	6.67	4.80	3.14	3.40	2.54	3.20	2.25	2.18	2.91	1.65	2.26	2.59	3.61
CO	50	ppm	12	1	59.37	9.56	0.78	6.14	2.53	1.80	2.26	0.69	1.25	8.49	3.78	15.06	1.34	1.56	0.84	1.81
O_2		%	0	0.1	6.50	6.46	6.44	5.72	6.78	6.01	6.33	6.31	9.35	5.73	5.92	6.91	5.63	5.41	5.72	4.53
FL1		Sm³	12	10	13,035	14,745	15,042	15,772	14,520	15,227	14,724	14,931	12,218	15,610	15,540	14,327	15,893	15,989	15,786	16,310
TMP		℃	0	1	178.10	178.95	179.32	179.80	179.68	179.29	177.88	177.43	177.93	177.74	178.47	178.26	177.59	178.03	178.81	178.56
TM1		℃	0	1	1,126.17	1,091.10	1,050.31	1,068.64	1,039.05	1,071.45	1,044.63	1,035.04	1,014.75	1,053.22	1,033.63	1,014.75	1,043.44	1,065.23	1,053.07	1,113.73
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17

					07-11 08:00	07-11 08:30	07-11 09:00	07-11 09:30	07-11 10:00	07-11 10:30	07-11 11:00	07-11 11:30	07-11 12:00	07-11 12:30	07-11 13:00	07-11 13:30	07-11 14:00	07-11 14:30	07-11 15:00	07-11 15:30
TSP	20	mg/Sm³	12	1	0.67	0.50	0.50	0.64	0.77	0.72	0.71	0.38	0.37	0.38	0.37	0.37	0.36	0.36	0.66	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.02	8.87	10.77	17.93	0.03	0.44	0.78	42.51	11.73	0.09	0.00	0.09	0.00
NOx	70	ppm	12	1	23.92	18.92	21.11	23.46	22.20	40.43	49.67	8.83	0.30	0.11	94.19	25.76	7.47	32.05	22.82	16.69
HCl	15	ppm	12	1	4.37	1.46	1.32	1.50	3.87	1.78	6.00	1.15	0.08	0.12	10.64	0.13	1.09	3.28	5.69	3.34
CO	50	ppm	12	1	0.44	0.37	0.39	0.36	26.86	31.66	52.09	0.90	0.00	0.02	119.93	32.47	0.36	0.32	0.32	0.16
O_2		%	0	0.1	8.86	6.59	6.62	6.77	1.29	5.05	2.77	13.41	20.87	20.71	6.43	20.76	15.55	6.58	9.00	6.88
FL1		Sm³	12	10	11,441	14,194	14,186	11,549	9,051	9,806	9,716	17,077	17,836	17,946	17,877	17,905	16,179	17,502	10,782	13,722
TMP		℃	0	1	177.84	177.14	177.09	177.26	177.91	177.74	177.71	177.54	177.54	177.84	177.77	177.91	175.35	176.91	177.94	177.53
TM1		℃	0	1	1,085.55	1,057.68	1,053.77	1,026.28	1,040.16	1,046.72	1,060.73	1,046.32	1,068.31	1,056.85	1,047.27	1,035.05	1,026.43	1,044.31	1,038.66	1,056.23
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.18	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.15

					07-11 16:00	07-11 16:30	07-11 17:00	07-11 17:30	07-11 18:00	07-11 18:30	07-11 19:00	07-11 19:30	07-11 20:00	07-11 20:30	07-11 21:00	07-11 21:30	07-11 22:00	07-11 22:30	07-11 23:00	07-11 23:30
TSP	20	mg/Sm³	12	1	0.62	0.47	0.48	0.46	0.51	0.50	0.46	0.44	0.66	0.46	0.46	0.51	0.52	0.49	0.55	0.52
SOx	30	ppm	12	1	0.00	0.00	0.00	0.36	0.01	0.00	0.74	4.69	1.41	0.00	0.00	0.15	0.00	0.16	0.00	0.02
NOx	70	ppm	12	1	19.64	15.04	13.73	21.59	16.77	12.87	19.16	22.66	31.51	25.38	33.26	23.10	23.18	25.70	19.27	18.33
HCl	15	ppm	12	1	3.92	3.72	4.22	4.54	5.54	4.83	4.47	7.52	8.74	3.70	3.46	4.14	3.00	3.80	4.93	3.07
CO	50	ppm	12	1	0.32	0.36	0.23	0.10	0.29	0.31	2.11	23.53	2.11	0.19	0.09	2.68	0.36	0.67	0.44	7.96
O_2		%	0	0.1	9.84	6.64	7.38	6.56	7.95	7.47	5.72	4.91	9.99	5.63	5.94	7.14	7.88	6.48	7.99	7.30
FL1		Sm³	12	10	11,371	14,254	13,391	14,139	12,731	13,381	15,934	16,576	11,518	15,723	15,374	13,651	13,119	14,875	13,084	14,143
TMP		℃	0	1	177.75	178.15	178.18	177.68	177.55	177.46	178.61	179.64	179.25	178.83	179.08	178.39	177.47	178.20	178.62	178.06
TM1		℃	0	1	1,036.60	1,055.96	1,022.73	1,078.95	1,022.77	1,027.64	1,069.73	1,122.74	1,068.82	1,103.29	1,112.11	1,099.88	1,040.12	1,058.06	1,027.23	1,001.02
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