4월 7일 굴뚝별 트랜드

					04-07 00:00	04-07 00:30	04-07 01:00	04-07 01:30	04-07 02:00	04-07 02:30	04-07 03:00	04-07 03:30	04-07 04:00	04-07 04:30	04-07 05:00	04-07 05:30	04-07 06:00	04-07 06:30	04-07 07:00	04-07 07:30
TSP	20	mg/Sm³	12	1	0.58	0.46	0.45	0.47	0.43	0.45	0.45	0.45	0.58	0.45	0.47	0.42	0.43	0.47	0.44	0.49
SOx	30	ppm	12	1	0.61	0.00	0.28	0.00	1.23	0.04	0.03	0.00	0.00	0.00	0.36	1.15	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	25.64	19.48	22.40	21.11	25.22	24.38	19.48	22.08	25.48	23.90	27.23	23.69	29.25	28.30	26.44	20.81
HCl	15	ppm	12	1	9.85	7.84	10.49	8.85	6.38	7.82	6.12	4.06	5.09	4.20	3.95	4.36	3.42	3.78	3.04	5.87
CO	50	ppm	12	1	0.56	0.61	0.48	0.67	0.30	0.30	0.51	1.27	0.68	1.00	2.64	14.66	0.17	0.26	5.40	0.66
O_2		%	0	0.1	9.76	7.07	6.75	7.35	5.97	6.54	6.58	6.26	9.98	6.73	7.06	5.62	6.14	7.20	6.40	7.66
FL1		Sm³	12	10	11,885	14,380	14,612	13,954	15,642	14,693	14,768	15,205	12,076	14,562	14,410	15,773	15,258	14,014	15,349	13,736
TMP		℃	0	1	180.69	180.74	181.30	181.30	181.34	180.93	180.96	180.71	180.52	180.44	180.35	180.16	180.40	180.21	180.82	180.75
TM1		℃	0	1	998.25	996.61	1,018.92	1,001.55	1,053.87	1,051.78	1,035.85	1,042.75	996.60	1,033.89	1,038.06	1,090.41	1,084.61	1,048.55	1,044.84	983.23
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.23	36.14	36.17	36.17

					04-07 08:00	04-07 08:30	04-07 09:00	04-07 09:30	04-07 10:00	04-07 10:30	04-07 11:00	04-07 11:30	04-07 12:00	04-07 12:30	04-07 13:00	04-07 13:30	04-07 14:00	04-07 14:30	04-07 15:00	04-07 15:30
TSP	20	mg/Sm³	12	1	0.57	0.47	0.45	0.54	0.45	0.44	0.44	0.45	0.59	0.46	0.44	0.45	0.46	0.45	0.45	0.46
SOx	30	ppm	12	1	1.18	0.01	0.55	0.00	0.00	0.34	0.13	0.00	0.03	0.01	1.39	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	34.17	26.58	25.75	21.09	21.33	20.33	26.01	26.27	39.18	24.15	24.83	21.56	19.94	22.14	22.46	27.58
HCl	15	ppm	12	1	5.56	6.52	5.62	7.30	4.63	7.07	7.70	8.84	8.02	5.42	5.85	5.14	4.27	4.34	3.90	3.11
CO	50	ppm	12	1	2.03	0.36	22.88	1.29	0.61	0.60	0.35	0.43	0.52	0.51	0.32	0.44	0.51	0.39	0.34	0.37
O_2		%	0	0.1	8.31	6.83	6.18	8.75	6.45	6.10	5.83	6.21	9.56	6.79	5.94	6.41	6.35	6.34	6.41	6.50
FL1		Sm³	12	10	13,096	14,750	15,603	12,606	15,181	15,644	16,116	15,459	12,155	14,741	15,897	15,397	15,417	15,064	14,717	14,933
TMP		℃	0	1	180.50	181.75	182.27	181.90	180.73	181.05	182.63	182.91	182.37	181.85	182.39	183.17	183.27	182.62	182.13	182.28
TM1		℃	0	1	1,086.94	1,046.49	1,051.20	928.57	1,017.59	1,043.71	1,055.03	1,057.20	1,025.75	1,014.31	1,056.72	1,028.32	1,018.56	1,026.39	1,041.15	1,043.85
TM3		℃	0	1	36.09	36.09	36.09	36.08	36.08	36.05	36.10	36.13	36.13	36.13	36.15	36.17	36.17	36.17	36.17	36.17

					04-07 16:00	04-07 16:30	04-07 17:00	04-07 17:30	04-07 18:00	04-07 18:30	04-07 19:00	04-07 19:30	04-07 20:00	04-07 20:30	04-07 21:00	04-07 21:30	04-07 22:00	04-07 22:30	04-07 23:00	04-07 23:30
TSP	20	mg/Sm³	12	1	0.59	0.49	0.49	0.44	0.41	0.45	0.44	0.51	0.71	0.83	0.46	0.46	0.49	0.52	0.51	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	1.22	0.69	0.04	0.03	3.63
NOx	70	ppm	12	1	28.28	20.50	17.05	18.62	18.15	16.50	19.14	13.37	27.06	31.48	21.05	19.71	21.00	22.42	21.42	24.93
HCl	15	ppm	12	1	4.62	2.59	4.10	2.77	2.09	3.49	3.58	3.78	3.78	3.65	1.84	5.31	6.92	5.93	5.55	5.77
CO	50	ppm	12	1	0.53	0.97	0.78	0.50	25.87	0.51	1.30	0.88	1.55	128.78	0.79	0.52	0.29	0.40	0.33	0.20
O_2		%	0	0.1	9.21	7.24	7.52	6.05	5.06	6.66	6.18	8.40	11.61	11.54	6.53	6.48	6.98	7.65	7.52	7.03
FL1		Sm³	12	10	12,114	14,272	13,565	15,308	16,741	14,813	15,133	11,886	9,744	9,373	15,682	15,624	14,913	14,217	14,283	14,772
TMP		℃	0	1	182.44	182.47	181.62	180.53	181.70	183.20	182.95	180.86	179.10	178.35	177.38	181.44	183.31	183.31	182.93	182.47
TM1		℃	0	1	1,034.86	976.01	957.22	1,026.16	1,055.81	992.44	1,028.05	938.18	933.07	867.77	1,044.82	1,058.44	1,068.55	1,037.29	1,048.47	1,082.01
TM3		℃	0	1	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.09	36.12	36.11	36.13	36.14	36.14	36.14	36.17	36.17

4월 8일 굴뚝별 트랜드

					04-08 00:00	04-08 00:30	04-08 01:00	04-08 01:30	04-08 02:00	04-08 02:30	04-08 03:00	04-08 03:30	04-08 04:00	04-08 04:30	04-08 05:00	04-08 05:30	04-08 06:00	04-08 06:30	04-08 07:00	04-08 07:30
TSP	20	mg/Sm³	12	1	0.62	0.50	0.51	0.47	0.49	0.44	0.46	0.47	0.61	0.49	0.45	0.46	0.45	0.47	0.46	0.44
SOx	30	ppm	12	1	11.07	0.96	3.02	1.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00
NOx	70	ppm	12	1	32.83	28.42	31.59	34.84	18.90	20.35	25.80	20.74	33.41	19.86	19.21	18.81	15.81	17.32	16.44	19.31
HCl	15	ppm	12	1	11.57	10.55	14.16	9.63	7.37	2.63	2.67	3.24	4.83	2.35	1.57	3.09	3.58	4.55	3.54	3.33
CO	50	ppm	12	1	0.40	0.30	0.55	0.27	0.68	8.32	0.63	3.06	1.05	0.80	0.71	0.51	2.44	0.46	6.81	0.63
O_2		%	0	0.1	10.05	7.31	7.58	6.57	7.44	5.55	6.49	6.69	8.95	7.33	5.79	6.08	5.71	6.47	6.04	5.58
FL1		Sm³	12	10	12,296	14,780	14,413	15,522	13,477	15,756	15,072	14,537	11,889	13,952	15,846	15,573	16,097	14,855	15,449	15,985
TMP		℃	0	1	182.99	183.65	183.52	183.94	182.19	181.21	181.82	182.32	182.00	181.73	182.24	182.82	183.24	182.87	182.61	183.07
TM1		℃	0	1	1,050.91	1,057.12	1,047.23	1,073.51	1,010.37	1,059.70	1,024.24	1,015.98	1,047.31	982.35	1,032.27	1,014.59	1,030.49	1,016.92	1,030.45	1,042.52
TM3		℃	0	1	36.17	36.17	36.17	36.16	36.14	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.18

					04-08 08:00	04-08 08:30	04-08 09:00	04-08 09:30	04-08 10:00	04-08 10:30	04-08 11:00	04-08 11:30	04-08 12:00	04-08 12:30	04-08 13:00	04-08 13:30	04-08 14:00	04-08 14:30	04-08 15:00	04-08 15:30
TSP	20	mg/Sm³	12	1	0.62	0.43	0.48	0.44	0.45	0.42	0.41	0.42	0.58	0.45	0.42	0.39	0.43	0.43	0.42	0.42
SOx	30	ppm	12	1	0.00	0.09	0.00	0.00	0.56	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	27.88	19.01	15.62	17.07	13.54	21.33	22.27	19.26	22.13	17.91	17.07	13.12	17.45	12.90	17.83	17.23
HCl	15	ppm	12	1	6.11	2.18	3.78	2.74	4.47	3.50	3.75	3.99	5.14	2.38	1.86	2.50	3.26	2.65	3.40	5.62
CO	50	ppm	12	1	0.79	12.17	2.16	2.19	24.42	23.57	0.42	0.51	4.08	1.07	0.62	23.80	0.39	8.85	2.81	1.35
O_2		%	0	0.1	9.56	5.23	7.01	5.90	6.20	5.36	4.79	5.69	8.98	6.95	5.91	5.09	6.27	6.20	5.76	5.95
FL1		Sm³	12	10	11,634	16,282	14,300	16,084	15,494	16,556	16,945	15,725	11,988	14,174	15,564	16,366	14,736	15,237	15,773	15,653
TMP		℃	0	1	183.22	183.32	183.28	183.41	183.76	183.31	183.62	183.30	181.80	181.11	180.76	181.20	180.72	180.64	180.87	181.46
TM1		℃	0	1	1,008.69	1,064.68	987.82	1,025.31	1,006.96	1,052.69	1,102.66	1,060.94	1,024.33	1,001.59	1,025.06	1,050.12	1,022.39	1,016.01	1,049.62	1,037.77
TM3		℃	0	1	36.19	36.18	36.19	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-08 16:00	04-08 16:30	04-08 17:00	04-08 17:30	04-08 18:00	04-08 18:30	04-08 19:00	04-08 19:30	04-08 20:00	04-08 20:30	04-08 21:00	04-08 21:30	04-08 22:00	04-08 22:30	04-08 23:00	04-08 23:30
TSP	20	mg/Sm³	12	1	0.57	0.46	0.44	0.44	0.44	0.43	0.42	0.43	0.57	0.41	0.42	0.43	0.45	0.42	0.41	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	3.45	0.78	0.00	0.00	0.90	5.36	1.85
NOx	70	ppm	12	1	18.51	13.71	14.25	13.58	11.62	17.38	19.42	17.54	20.69	25.63	32.60	24.95	21.56	25.53	27.37	18.32
HCl	15	ppm	12	1	6.90	4.53	4.69	4.76	5.67	5.19	5.33	6.17	8.87	7.38	7.81	8.39	7.18	6.74	9.71	12.44
CO	50	ppm	12	1	0.84	2.47	19.93	4.70	1.58	0.96	0.57	0.73	15.93	6.68	0.19	0.36	0.70	1.06	20.99	0.82
O_2		%	0	0.1	9.59	7.23	6.63	6.52	6.42	6.21	5.47	5.87	9.18	5.23	6.09	6.30	7.22	5.41	5.02	6.76
FL1		Sm³	12	10	12,010	13,948	14,796	15,375	14,976	15,384	16,645	16,083	12,498	16,367	15,804	15,534	14,592	16,801	17,373	14,955
TMP		℃	0	1	181.37	180.78	180.49	181.52	181.57	181.56	182.27	182.80	182.64	182.55	182.71	182.59	182.34	182.84	183.78	183.86
TM1		℃	0	1	984.88	980.15	1,006.81	1,003.10	1,018.80	1,038.11	1,062.25	1,043.93	1,029.63	1,117.61	1,083.46	1,073.08	1,017.89	1,080.12	1,102.35	1,016.79
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

4월 9일 굴뚝별 트랜드

					04-09 00:00	04-09 00:30	04-09 01:00	04-09 01:30	04-09 02:00	04-09 02:30	04-09 03:00	04-09 03:30	04-09 04:00	04-09 04:30	04-09 05:00	04-09 05:30	04-09 06:00	04-09 06:30	04-09 07:00	04-09 07:30
TSP	20	mg/Sm³	12	1	0.57	0.47	0.46	0.43	0.43	0.43	0.45	0.50	0.59	0.51	0.44	0.53	0.53	0.44	0.43	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.25	0.01	0.03	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.89	1.01	0.00
NOx	70	ppm	12	1	32.16	23.01	23.19	28.04	24.87	26.29	19.63	19.06	29.34	20.67	24.63	19.52	20.50	19.21	16.82	21.31
HCl	15	ppm	12	1	8.94	5.08	4.69	5.29	6.15	4.59	6.20	5.89	4.69	4.96	3.84	6.58	4.06	5.15	6.74	3.34
CO	50	ppm	12	1	1.04	0.62	0.84	8.14	0.42	4.16	1.12	0.86	1.26	1.13	5.19	1.24	0.96	4.28	9.06	0.93
O_2		%	0	0.1	8.84	7.67	7.15	5.81	6.21	5.85	6.56	7.94	9.21	8.19	5.73	8.29	8.13	5.60	5.75	7.03
FL1		Sm³	12	10	12,366	13,795	14,413	15,822	15,328	16,301	15,395	13,648	12,483	13,404	16,302	13,258	13,852	16,961	15,448	14,153
TMP		℃	0	1	183.18	182.31	182.04	182.30	182.18	182.46	182.90	182.34	182.09	182.12	181.49	182.12	181.01	181.18	182.28	181.43
TM1		℃	0	1	1,043.41	989.92	1,004.18	1,073.21	1,054.81	1,049.27	1,021.93	967.09	1,020.10	945.16	1,047.00	949.65	932.78	1,030.68	1,052.33	1,005.32
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-09 08:00	04-09 08:30	04-09 09:00	04-09 09:30	04-09 10:00	04-09 10:30	04-09 11:00	04-09 11:30	04-09 12:00	04-09 12:30	04-09 13:00	04-09 13:30	04-09 14:00	04-09 14:30	04-09 15:00	04-09 15:30
TSP	20	mg/Sm³	12	1	0.58	0.43	0.45	0.42	0.42	0.43	0.44	0.40	0.55	0.45	0.42	0.42	0.42	0.46	0.42	0.41
SOx	30	ppm	12	1	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.12	0.51	0.00	0.00
NOx	70	ppm	12	1	23.46	17.68	19.93	18.51	18.79	15.65	13.47	17.99	17.65	16.84	23.38	19.99	21.91	20.31	21.03	23.35
HCl	15	ppm	12	1	3.39	3.12	2.69	2.49	2.07	1.86	2.28	1.62	3.13	2.38	3.00	3.71	4.32	4.60	3.40	3.59
CO	50	ppm	12	1	4.01	25.77	0.69	2.41	11.15	14.70	0.69	0.62	0.70	0.50	0.38	0.53	0.49	18.36	2.17	0.86
O_2		%	0	0.1	8.26	5.61	6.54	5.84	6.13	6.36	7.03	5.33	8.76	6.86	6.03	6.02	6.29	7.13	6.05	5.82
FL1		Sm³	12	10	12,933	15,822	14,876	15,399	15,218	15,174	14,317	16,227	12,363	14,317	15,378	15,413	14,762	13,940	15,289	15,195
TMP		℃	0	1	181.80	182.23	182.40	182.16	181.54	181.75	181.65	181.84	182.11	181.57	181.33	181.59	181.62	181.44	181.45	181.87
TM1		℃	0	1	1,054.82	1,051.71	1,025.59	1,043.03	1,024.36	996.63	965.48	1,056.56	1,030.61	1,003.12	1,044.44	1,037.71	1,041.53	1,002.12	1,049.47	1,069.25
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21

					04-09 16:00	04-09 16:30	04-09 17:00	04-09 17:30	04-09 18:00	04-09 18:30	04-09 19:00	04-09 19:30	04-09 20:00	04-09 20:30	04-09 21:00	04-09 21:30	04-09 22:00	04-09 22:30	04-09 23:00	04-09 23:30
TSP	20	mg/Sm³	12	1	0.55	0.40	0.43	0.40	0.42	0.44	0.46	0.43	0.56	0.47	0.45	0.43	0.46	0.47	0.47	0.48
SOx	30	ppm	12	1	0.00	0.14	0.00	0.32	0.00	0.00	0.00	0.00	0.44	0.43	1.32	1.13	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	25.97	17.63	19.45	22.58	18.55	17.35	15.56	16.91	24.79	11.84	14.33	14.24	17.21	16.97	22.56	16.42
HCl	15	ppm	12	1	3.62	3.81	4.07	3.63	4.30	3.78	3.74	3.54	5.37	6.79	5.38	5.79	3.83	3.32	2.84	4.72
CO	50	ppm	12	1	0.86	29.05	0.85	17.49	0.57	1.31	0.87	0.81	13.34	0.68	13.83	3.34	0.57	0.36	0.41	0.61
O_2		%	0	0.1	9.47	5.44	6.31	5.52	6.15	6.43	7.06	6.14	8.25	7.23	6.38	5.83	6.86	7.04	6.91	7.04
FL1		Sm³	12	10	12,123	15,998	14,814	15,541	15,391	15,136	14,480	15,479	13,288	14,378	15,288	16,026	14,812	14,527	15,688	15,543
TMP		℃	0	1	181.54	182.22	182.45	181.94	182.13	182.80	183.04	183.14	183.81	184.02	183.37	183.45	182.60	182.22	183.31	183.88
TM1		℃	0	1	1,032.65	1,066.45	1,052.03	1,085.45	1,039.92	1,015.67	984.28	1,025.91	1,057.48	975.15	1,017.01	1,041.75	1,014.67	1,030.17	1,031.76	1,008.73
TM3		℃	0	1	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21	36.21