4월 2일 굴뚝별 트렌드

					04-02 00:00	04-02 00:30	04-02 01:00	04-02 01:30	04-02 02:00	04-02 02:30	04-02 03:00	04-02 03:30	04-02 04:00	04-02 04:30	04-02 05:00	04-02 05:30	04-02 06:00	04-02 06:30	04-02 07:00	04-02 07:30
TSP	20	mg/Sm³	12	1	0.80	0.65	0.62	0.64	0.69	0.69	0.63	0.63	0.78	0.63	0.58	0.82	0.65	0.59	0.67	0.64
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	0.41	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	17.71	9.94	12.46	15.46	13.91	12.28	12.18	12.39	16.98	11.79	11.17	10.10	12.62	13.92	14.71	17.09
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	3.03	7.88	3.94	2.11	3.42	1.61	1.79	1.69	1.55	3.14	57.42	2.22	14.76	12.60	12.10	1.76
O_2		%	0	0.1	9.89	7.70	7.28	7.47	8.16	8.51	7.45	7.39	9.41	7.24	5.90	10.45	7.53	6.28	7.64	6.82
FL1		Sm³	12	10	11,355	13,465	13,696	13,644	12,944	12,369	13,354	13,382	11,329	13,539	14,968	10,109	13,420	14,785	13,756	15,054
TMP		℃	0	1	183.16	183.99	184.01	184.51	184.62	184.20	183.80	183.72	184.05	184.07	184.30	183.93	183.28	183.77	184.87	186.20
TM1		℃	0	1	969.52	930.31	967.24	960.89	918.91	912.21	962.86	986.09	1,008.85	997.20	1,041.83	885.54	956.89	1,025.09	988.39	1,021.39
IRS		℃	0	1	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.47	36.48	36.48	36.47	36.48

					04-02 08:00	04-02 08:30	04-02 09:00	04-02 09:30	04-02 10:00	04-02 10:30	04-02 11:00	04-02 11:30	04-02 12:00	04-02 12:30	04-02 13:00	04-02 13:30	04-02 14:00	04-02 14:30	04-02 15:00	04-02 15:30
TSP	20	mg/Sm³	12	1	0.85	0.57	0.61	0.65	0.74	0.60	0.61	0.57	0.79	0.63	0.71	0.63	0.61	0.58	0.60	0.56
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.13	1.49	0.00	0.01	0.03	0.00	0.21	0.00	0.00	4.03
NOx	70	ppm	12	1	19.62	10.96	10.16	8.10	17.01	23.06	18.56	23.22	26.45	18.97	19.76	23.29	20.52	28.07	23.95	25.80
HCl	15	ppm	12	1	0.22	0.00	0.00	0.00	0.00	0.00	0.02	0.29	2.71	0.79	1.41	0.77	1.60	0.78	2.28	2.04
CO	50	ppm	12	1	7.16	35.73	3.47	1.44	7.39	1.81	10.70	26.09	14.77	7.44	4.88	1.74	15.95	0.78	1.30	34.16
O_2		%	0	0.1	10.49	5.82	6.97	8.00	7.33	6.57	6.55	5.74	8.98	7.07	8.09	7.43	6.86	6.29	7.00	5.61
FL1		Sm³	12	10	11,477	14,898	13,349	12,151	13,847	14,933	14,974	15,709	12,359	14,239	13,242	14,026	14,575	15,185	14,280	16,107
TMP		℃	0	1	187.66	187.06	185.22	183.70	183.70	185.60	187.83	188.23	188.39	188.18	187.24	186.91	186.87	187.42	187.13	187.54
TM1		℃	0	1	982.75	1,053.19	1,017.46	954.36	988.06	1,018.87	1,017.30	1,067.83	1,021.75	990.69	941.49	965.89	991.79	1,037.61	1,016.36	1,064.12
IRS		℃	0	1	36.48	36.48	36.47	36.47	36.48	36.48	36.48	36.48	36.47	36.48	36.47	36.47	36.48	36.47	36.47	36.48

					04-02 16:00	04-02 16:30	04-02 17:00	04-02 17:30	04-02 18:00	04-02 18:30	04-02 19:00	04-02 19:30	04-02 20:00	04-02 20:30	04-02 21:00	04-02 21:30	04-02 22:00	04-02 22:30	04-02 23:00	04-02 23:30
TSP	20	mg/Sm³	12	1	0.77	0.58	0.61	0.61	0.70	0.78	0.72	0.61	0.83	0.65	0.72	0.67	0.61	0.60	0.64	0.62
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.06	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	30.34	26.62	25.57	25.07	21.18	30.01	28.53	27.34	27.64	26.19	18.92	18.62	26.69	25.85	24.36	25.87
HCl	15	ppm	12	1	2.83	0.33	0.86	1.71	3.56	1.71	0.66	0.17	1.25	0.35	4.66	1.20	0.75	1.26	1.23	1.20
CO	50	ppm	12	1	1.50	7.15	6.26	2.35	2.54	2.00	1.81	2.30	1.57	1.15	1.68	1.46	0.66	0.50	0.67	0.68
O_2		%	0	0.1	9.33	6.37	7.14	6.97	8.87	10.22	9.11	7.20	11.27	8.06	9.44	8.44	7.10	6.95	7.66	7.14
FL1		Sm³	12	10	12,368	15,374	14,441	14,557	12,280	10,999	12,197	14,156	9,916	13,307	11,586	12,730	14,227	14,393	13,600	14,117
TMP		℃	0	1	188.43	188.33	188.22	187.86	187.24	186.48	185.74	185.78	185.23	184.80	184.90	184.80	184.97	185.79	185.79	185.33
TM1		℃	0	1	1,002.59	1,020.12	976.83	995.78	918.66	841.41	895.67	973.00	940.53	977.21	918.22	948.22	1,020.99	1,023.61	1,004.07	1,006.73
IRS		℃	0	1	36.48	36.48	36.48	36.48	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.47

4월 3일 굴뚝별 트렌드

					04-03 00:00	04-03 00:30	04-03 01:00	04-03 01:30	04-03 02:00	04-03 02:30	04-03 03:00	04-03 03:30	04-03 04:00	04-03 04:30	04-03 05:00	04-03 05:30	04-03 06:00	04-03 06:30	04-03 07:00	04-03 07:30
TSP	20	mg/Sm³	12	1	0.80	0.62	0.61	0.65	0.61	0.56	0.58	0.59	0.76	0.63	0.56	0.67	0.59	0.57	0.63	0.61
SOx	30	ppm	12	1	0.18	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.32	0.00	0.00
NOx	70	ppm	12	1	31.09	26.15	25.62	19.65	23.98	24.28	22.21	23.42	33.67	17.04	20.36	19.00	19.39	21.64	25.98	25.27
HCl	15	ppm	12	1	2.37	1.93	1.39	2.60	0.41	0.26	0.29	0.06	0.53	0.07	0.00	0.60	0.27	0.28	0.92	0.84
CO	50	ppm	12	1	1.06	8.58	6.21	0.98	4.60	15.59	18.86	12.98	16.94	9.65	47.09	10.98	2.85	41.75	0.87	1.62
O_2		%	0	0.1	9.95	7.02	6.83	7.85	7.02	5.99	6.41	6.63	8.44	7.16	5.62	7.70	6.48	5.67	7.31	6.88
FL1		Sm³	12	10	11,621	14,204	14,071	12,597	13,855	15,042	14,426	14,409	12,230	13,846	15,605	13,725	14,284	15,290	13,261	13,701
TMP		℃	0	1	185.61	185.80	185.31	184.15	183.71	184.26	184.48	184.33	184.51	184.48	184.44	184.98	184.23	183.86	183.99	183.78
TM1		℃	0	1	983.51	976.52	988.84	960.27	983.26	1,024.14	1,018.98	1,005.89	1,025.05	966.41	1,016.91	955.34	1,013.03	1,058.51	1,010.07	1,015.05
IRS		℃	0	1	36.47	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.47

					04-03 08:00	04-03 08:30	04-03 09:00	04-03 09:30	04-03 10:00	04-03 10:30	04-03 11:00	04-03 11:30	04-03 12:00	04-03 12:30	04-03 13:00	04-03 13:30	04-03 14:00	04-03 14:30	04-03 15:00	04-03 15:30
TSP	20	mg/Sm³	12	1	0.80	0.65	0.56	0.61	0.57	0.58	0.55	0.58	0.77	0.59	0.60	0.61	0.64	0.73	0.58	0.67
SOx	30	ppm	12	1	0.00	0.00	0.00	0.16	4.71	0.00	0.00	0.00	1.06	0.68	0.01	1.68	0.00	0.00	0.63	0.00
NOx	70	ppm	12	1	29.40	16.46	20.62	18.04	22.74	21.66	19.57	23.36	35.97	29.63	27.86	30.35	25.47	27.04	29.94	29.99
HCl	15	ppm	12	1	1.83	0.65	0.21	0.72	0.34	0.47	0.20	0.60	2.18	2.11	4.31	5.82	5.66	4.06	2.13	4.63
CO	50	ppm	12	1	1.71	2.27	44.53	29.79	32.86	7.80	27.88	11.31	6.11	0.66	0.47	2.50	0.95	1.84	0.95	1.34
O_2		%	0	0.1	9.66	7.91	6.14	6.96	5.71	6.28	5.68	6.45	8.65	6.25	6.86	7.09	8.15	9.79	6.82	8.67
FL1		Sm³	12	10	10,997	12,706	14,579	13,981	15,536	14,785	15,264	14,760	12,777	15,521	14,438	14,264	12,881	11,165	14,607	12,293
TMP		℃	0	1	183.94	183.89	183.77	184.49	185.47	185.68	185.73	185.85	186.90	187.66	187.14	187.02	186.34	185.39	185.66	185.91
TM1		℃	0	1	988.65	950.65	1,021.56	986.53	1,049.39	1,028.14	1,022.97	1,017.77	1,037.45	1,044.03	1,024.05	1,017.31	969.09	905.29	998.55	935.85
IRS		℃	0	1	36.48	36.47	36.47	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.48	36.48	36.48

					04-03 16:00	04-03 16:30	04-03 17:00	04-03 17:30	04-03 18:00	04-03 18:30	04-03 19:00	04-03 19:30	04-03 20:00	04-03 20:30	04-03 21:00	04-03 21:30	04-03 22:00	04-03 22:30	04-03 23:00	04-03 23:30
TSP	20	mg/Sm³	12	1	0.75	0.62	0.62	0.62	0.63	0.62	0.64	0.63	0.82	0.68	0.61	0.63	0.68	0.64	0.71	0.59
SOx	30	ppm	12	1	0.00	0.15	1.01	3.81	1.59	0.30	0.02	0.00	0.00	0.00	4.15	0.00	0.07	0.00	6.96	3.44
NOx	70	ppm	12	1	32.27	27.62	26.68	26.49	28.10	26.45	20.85	25.34	30.10	26.89	26.17	32.47	30.36	32.66	28.43	29.65
HCl	15	ppm	12	1	4.35	4.36	3.95	7.52	2.44	7.04	7.24	4.87	6.56	6.60	9.31	8.04	7.14	2.72	16.20	2.62
CO	50	ppm	12	1	1.36	0.86	2.50	0.75	26.23	1.74	4.29	1.22	1.39	1.48	20.87	9.62	2.50	0.89	1.31	27.52
O_2		%	0	0.1	10.64	7.79	7.57	7.48	7.36	7.73	8.25	7.58	10.95	8.75	7.08	7.40	8.37	7.95	9.14	5.96
FL1		Sm³	12	10	11,095	13,232	13,615	13,460	13,764	13,385	12,684	13,547	10,579	12,306	14,300	14,073	12,775	13,254	11,658	15,719
TMP		℃	0	1	184.99	185.05	185.52	185.68	185.03	184.99	185.42	185.31	185.47	185.14	185.36	185.71	185.37	184.75	184.25	184.88
TM1		℃	0	1	951.65	975.00	996.17	1,011.52	999.03	1,016.00	1,004.66	1,015.67	955.31	954.80	1,009.91	999.93	970.47	977.87	930.32	1,050.32
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.48	36.48	36.48	36.49	36.49	36.48	36.49	36.48

4월 4일 굴뚝별 트렌드

					04-04 00:00	04-04 00:30	04-04 01:00	04-04 01:30	04-04 02:00	04-04 02:30	04-04 03:00	04-04 03:30	04-04 04:00	04-04 04:30	04-04 05:00	04-04 05:30	04-04 06:00	04-04 06:30	04-04 07:00	04-04 07:30
TSP	20	mg/Sm³	12	1	0.89	0.69	0.65	0.58	0.67	0.63	0.60	0.68	0.82	0.64	0.65	0.70	0.65	0.73	0.64	0.63
SOx	30	ppm	12	1	4.29	0.00	0.00	0.55	0.55	2.36	1.52	0.10	0.00	0.17	0.40	0.00	0.15	0.00	2.08	0.00
NOx	70	ppm	12	1	24.79	32.11	29.18	24.68	23.90	25.92	23.70	25.11	32.32	25.31	26.37	24.10	27.23	28.05	31.64	29.85
HCl	15	ppm	12	1	15.10	1.57	2.93	1.88	4.07	4.80	3.87	5.31	8.58	3.85	4.22	5.88	3.97	3.79	4.57	2.87
CO	50	ppm	12	1	1.86	1.48	0.90	24.23	12.27	20.69	34.89	1.74	1.08	17.40	11.07	1.06	12.37	1.69	20.54	1.07
O_2		%	0	0.1	12.83	8.41	7.45	6.19	8.13	7.16	6.37	8.18	10.41	7.71	7.48	8.57	7.69	8.93	7.19	7.07
FL1		Sm³	12	10	9,755	13,053	13,989	15,511	13,304	14,311	15,047	13,080	10,905	13,525	13,962	12,765	13,642	12,444	14,376	14,077
TMP		℃	0	1	184.30	183.11	183.96	185.47	185.02	185.27	185.56	185.13	184.49	184.35	184.69	184.90	184.77	184.49	184.93	185.18
TM1		℃	0	1	859.66	949.23	992.23	1,042.57	993.44	1,034.86	1,080.54	1,008.27	997.15	1,029.87	1,014.14	979.41	1,002.27	947.43	1,010.48	1,003.70
IRS		℃	0	1	36.48	36.48	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.48

					04-04 08:00	04-04 08:30	04-04 09:00	04-04 09:30	04-04 10:00	04-04 10:30	04-04 11:00	04-04 11:30	04-04 12:00	04-04 12:30	04-04 13:00	04-04 13:30	04-04 14:00	04-04 14:30	04-04 15:00	04-04 15:30
TSP	20	mg/Sm³	12	1	0.81	0.61	0.61	0.47	0.46	0.47	0.45	0.46	0.46	0.45	0.45	0.45	0.44	0.44	0.44	0.47
SOx	30	ppm	12	1	0.00	1.97	0.01	0.11	0.01	0.00	0.00	18.16	15.39	0.00	44.61	0.21	1.40	0.01	1.37	1.63
NOx	70	ppm	12	1	31.62	24.22	25.61	0.89	0.80	0.73	3.46	41.67	34.57	0.81	30.20	43.00	38.06	28.61	47.64	46.66
HCl	15	ppm	12	1	2.94	0.72	2.75	0.39	0.24	0.19	0.44	13.48	0.97	0.17	29.14	16.67	8.17	5.60	7.03	6.65
CO	50	ppm	12	1	22.57	12.35	1.34	0.01	0.00	0.00	0.25	53.39	43.96	0.00	99.09	5.92	71.30	56.72	13.30	43.98
O_2		%	0	0.1	9.87	7.05	10.41	20.90	20.90	20.88	14.96	3.70	16.13	20.90	7.81	7.25	6.61	7.60	6.29	6.04
FL1		Sm³	12	10	10,532	14,510	15,441	19,566	19,535	19,504	18,783	19,251	19,699	18,344	19,166	19,138	18,735	18,842	19,275	19,424
TMP		℃	0	1	184.62	184.87	186.04	186.31	186.49	186.97	186.32	186.51	187.91	188.13	187.13	187.38	187.35	187.06	187.71	188.47
TM1		℃	0	1	1,000.98	991.99	970.07	1,015.63	1,041.71	1,051.93	1,003.02	1,034.79	1,061.04	986.97	1,039.75	1,020.94	1,032.75	1,005.86	1,051.83	1,057.35
IRS		℃	0	1	36.47	36.47	36.48	36.47	36.47	36.47	36.48	36.47	36.47	36.47	36.48	36.47	36.47	36.47	36.47	36.47

					04-04 16:00	04-04 16:30	04-04 17:00	04-04 17:30	04-04 18:00	04-04 18:30	04-04 19:00	04-04 19:30	04-04 20:00	04-04 20:30	04-04 21:00	04-04 21:30	04-04 22:00	04-04 22:30	04-04 23:00	04-04 23:30
TSP	20	mg/Sm³	12	1	0.45	0.54	0.56	0.59	0.60	0.57	0.62	0.58	0.76	0.66	0.62	0.62	0.63	0.62	0.73	0.62
SOx	30	ppm	12	1	0.23	0.37	0.00	1.19	0.00	2.73	0.59	0.26	5.86	1.70	0.77	0.41	0.99	10.74	0.00	0.00
NOx	70	ppm	12	1	34.27	31.50	24.32	22.57	25.44	26.42	25.40	27.59	33.64	27.50	26.18	30.34	30.01	29.53	27.01	32.39
HCl	15	ppm	12	1	9.09	6.44	4.99	6.16	4.84	5.74	8.47	4.93	7.47	7.36	6.30	6.97	7.58	11.51	12.89	3.35
CO	50	ppm	12	1	4.57	8.91	1.29	25.68	1.08	0.65	1.18	3.02	51.62	3.29	3.84	0.69	0.73	14.51	1.56	1.39
O_2		%	0	0.1	9.67	6.62	6.35	6.97	7.38	6.61	7.75	7.04	10.03	8.32	7.40	7.09	7.34	7.30	9.49	7.25
FL1		Sm³	12	10	19,259	16,764	15,242	14,219	14,040	14,811	13,506	14,425	11,255	12,913	13,976	14,470	14,156	14,006	11,659	14,360
TMP		℃	0	1	188.39	188.99	189.42	188.91	188.38	188.60	188.56	188.18	188.11	188.02	187.71	187.93	188.05	187.81	187.22	186.85
TM1		℃	0	1	1,007.05	1,028.18	1,043.15	1,040.63	1,022.47	1,054.27	1,010.32	1,029.91	1,025.69	1,003.05	1,013.09	1,025.95	1,021.43	1,034.76	944.59	1,003.05
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.46	36.46	36.47	36.47	36.46