3월 6일 굴뚝별 트랜드

					03-06 00:00	03-06 00:30	03-06 01:00	03-06 01:30	03-06 02:00	03-06 02:30	03-06 03:00	03-06 03:30	03-06 04:00	03-06 04:30	03-06 05:00	03-06 05:30	03-06 06:00	03-06 06:30	03-06 07:00	03-06 07:30
TSP	20	mg/Sm³	12	1	0.81	0.59	0.60	0.59	0.60	0.58	0.59	0.60	0.77	0.62	0.60	0.62	0.64	0.61	0.61	0.60
SOx	30	ppm	12	1	0.00	0.00	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	5.50	7.29	8.32	9.07	9.38	9.20	10.80	9.97	14.17	9.62	11.06	10.28	7.25	9.82	10.54	11.50
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	1.57	0.39	0.32	0.28	0.31	0.54	0.25	0.34	0.57	0.42	0.32	0.36	0.79	0.25	0.23	0.43
O_2		%	0	0.1	10.48	6.27	6.43	6.31	6.31	5.89	5.90	6.23	8.57	6.79	6.07	6.97	7.31	6.47	6.47	6.12
FL1		Sm³	12	10	10,714	14,319	14,045	14,263	14,385	15,036	15,014	14,724	11,905	14,144	15,028	13,484	13,122	13,961	13,921	14,727
TMP		℃	0	1	185.82	184.65	184.81	185.20	185.46	185.67	186.00	185.88	185.44	185.24	185.64	185.46	183.82	183.37	184.11	184.27
TM1		℃	0	1	1,007.88	1,016.03	1,047.55	1,047.49	1,067.71	1,053.03	1,066.75	1,055.59	1,055.07	1,046.77	1,035.37	1,066.55	1,017.81	1,052.79	1,057.97	1,061.17
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					03-06 08:00	03-06 08:30	03-06 09:00	03-06 09:30	03-06 10:00	03-06 10:30	03-06 11:00	03-06 11:30	03-06 12:00	03-06 12:30	03-06 13:00	03-06 13:30	03-06 14:00	03-06 14:30	03-06 15:00	03-06 15:30
TSP	20	mg/Sm³	12	1	0.88	0.67	0.71	0.66	0.69	0.63	0.68	0.62	0.83	0.64	0.67	0.65	0.64	0.63	0.61	0.72
SOx	30	ppm	12	1	0.00	0.00	0.00	10.00	0.09	4.93	0.00	2.44	1.15	0.14	0.65	0.12	5.32	3.26	6.02	0.00
NOx	70	ppm	12	1	22.44	13.03	14.45	13.50	12.97	11.59	16.26	19.04	21.64	15.78	14.97	13.26	17.52	19.40	18.50	9.26
HCl	15	ppm	12	1	0.02	0.00	0.00	3.59	1.04	0.81	2.39	0.91	2.41	0.47	1.59	2.51	1.83	8.59	1.99	2.30
CO	50	ppm	12	1	0.33	0.31	0.44	29.55	8.08	37.68	0.32	0.17	0.27	6.19	0.89	0.30	0.35	0.24	41.59	1.23
O_2		%	0	0.1	8.49	6.65	7.01	5.92	7.27	5.60	6.84	5.44	8.93	6.06	7.06	7.10	6.33	6.49	5.07	8.58
FL1		Sm³	12	10	12,325	14,819	14,794	15,728	14,245	16,135	14,852	16,351	12,796	15,745	14,322	14,017	15,195	14,855	16,767	12,531
TMP		℃	0	1	185.55	186.27	185.76	186.50	186.13	186.16	187.02	187.17	187.03	187.17	186.96	186.17	185.93	186.76	186.76	185.72
TM1		℃	0	1	1,080.19	1,073.46	1,034.35	1,074.75	1,040.08	1,063.25	1,081.66	1,078.31	1,093.23	1,085.97	1,081.11	1,064.67	1,051.77	1,098.63	1,095.71	1,079.77
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.32

					03-06 16:00	03-06 16:30	03-06 17:00	03-06 17:30	03-06 18:00	03-06 18:30	03-06 19:00	03-06 19:30	03-06 20:00	03-06 20:30	03-06 21:00	03-06 21:30	03-06 22:00	03-06 22:30	03-06 23:00	03-06 23:30
TSP	20	mg/Sm³	12	1	0.84	0.62	0.70	0.64	0.65	0.66	0.62	0.75	0.87	0.78	0.69	0.61	0.62	0.69	0.66	0.65
SOx	30	ppm	12	1	0.00	5.59	0.08	0.51	0.00	0.49	0.60	0.00	6.68	0.00	5.74	0.00	0.09	0.00	0.00	0.00
NOx	70	ppm	12	1	16.26	20.25	16.72	19.49	15.92	13.70	16.20	11.23	22.76	12.67	15.54	14.05	15.97	19.56	20.68	16.39
HCl	15	ppm	12	1	0.33	2.13	3.88	4.27	3.68	6.34	2.05	3.06	6.05	5.34	11.91	3.17	1.52	1.16	1.24	2.42
CO	50	ppm	12	1	0.94	0.42	0.60	0.44	0.43	0.53	3.53	0.92	2.27	1.08	0.73	0.73	0.39	0.49	0.41	0.49
O_2		%	0	0.1	9.91	5.34	6.72	6.35	6.26	6.90	5.60	8.61	8.22	8.69	7.33	6.14	6.27	7.41	6.45	7.05
FL1		Sm³	12	10	12,071	16,513	15,160	15,286	15,524	14,532	16,100	12,745	12,537	12,878	14,039	15,235	15,132	14,135	15,269	14,417
TMP		℃	0	1	185.49	186.90	187.58	187.42	187.33	187.35	186.94	186.49	186.64	186.36	186.17	184.72	185.40	186.18	186.60	186.71
TM1		℃	0	1	1,028.11	1,060.85	1,045.50	1,057.34	1,045.50	1,054.71	1,061.97	1,043.03	1,048.37	1,036.89	1,027.75	1,016.23	1,076.31	1,056.39	1,068.19	1,056.39
IRS		℃	0	1	36.32	36.32	36.34	36.33	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

3월 7일 굴뚝별 트랜드

					03-07 00:00	03-07 00:30	03-07 01:00	03-07 01:30	03-07 02:00	03-07 02:30	03-07 03:00	03-07 03:30	03-07 04:00	03-07 04:30	03-07 05:00	03-07 05:30	03-07 06:00	03-07 06:30	03-07 07:00	03-07 07:30
TSP	20	mg/Sm³	12	1	0.86	0.67	0.63	0.65	0.64	0.64	0.65	0.71	0.85	0.73	0.62	0.65	0.66	0.65	0.66	0.59
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	2.38	0.00	0.00	0.00	0.00	0.00	0.00	3.54
NOx	70	ppm	12	1	16.94	11.07	16.94	13.93	13.94	15.52	14.16	12.56	18.51	8.30	15.71	13.01	12.37	10.36	8.09	10.49
HCl	15	ppm	12	1	1.92	0.00	0.02	0.18	0.00	0.00	0.48	0.21	0.86	0.17	0.00	0.00	0.00	0.00	0.00	0.04
CO	50	ppm	12	1	0.73	0.49	0.24	0.30	0.30	2.03	0.35	3.88	13.25	0.95	0.30	0.63	0.50	0.59	0.93	23.52
O_2		%	0	0.1	10.24	7.50	6.11	7.27	7.10	6.76	7.21	8.10	9.06	8.58	6.25	7.22	7.33	7.09	7.35	5.31
FL1		Sm³	12	10	11,336	13,697	15,494	13,915	13,928	14,538	13,931	13,065	11,251	12,428	15,206	14,148	14,086	14,308	13,752	15,525
TMP		℃	0	1	186.54	185.95	186.20	186.25	185.47	185.50	185.63	185.44	184.95	184.55	184.97	185.80	185.55	185.73	185.20	185.05
TM1		℃	0	1	1,019.15	1,011.49	1,038.54	1,047.24	1,042.40	1,061.94	1,068.07	1,062.34	1,083.27	1,036.95	1,049.79	1,049.96	1,027.17	1,025.85	1,009.13	1,054.37
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					03-07 08:00	03-07 08:30	03-07 09:00	03-07 09:30	03-07 10:00	03-07 10:30	03-07 11:00	03-07 11:30	03-07 12:00	03-07 12:30	03-07 13:00	03-07 13:30	03-07 14:00	03-07 14:30	03-07 15:00	03-07 15:30
TSP	20	mg/Sm³	12	1	0.79	0.61	0.62	0.52	0.51	0.50	0.51	0.50	0.50	0.51	0.51	0.53	0.53	1.06	0.96	0.67
SOx	30	ppm	12	1	2.72	2.38	0.38	0.34	0.29	27.09	0.14	0.69	0.28	0.04	0.03	2.69	0.81	10.31	20.83	0.83
NOx	70	ppm	12	1	10.40	6.84	9.40	0.58	0.58	59.20	0.78	0.71	0.71	0.52	0.50	20.68	22.64	30.91	47.75	9.77
HCl	15	ppm	12	1	0.24	0.61	0.60	0.34	0.18	19.20	0.22	0.10	0.04	0.04	0.02	3.74	10.15	7.14	7.35	7.22
CO	50	ppm	12	1	50.65	29.64	1.49	0.05	0.01	75.03	0.00	0.00	0.00	0.00	0.00	0.23	1.06	29.31	57.41	9.07
O_2		%	0	0.1	7.08	5.57	9.39	21.13	9.77	2.07	21.25	21.13	21.13	21.10	20.91	12.42	7.49	4.71	4.17	7.08
FL1		Sm³	12	10	13,593	16,162	16,312	19,540	19,195	18,613	18,704	18,793	18,894	19,039	19,269	19,579	19,464	9,348	10,780	14,303
TMP		℃	0	1	185.46	186.27	186.66	186.91	186.57	185.68	185.20	185.40	185.73	186.28	187.25	187.77	187.71	186.74	186.57	186.70
TM1		℃	0	1	1,083.39	1,084.55	1,083.79	1,050.14	1,021.26	1,034.19	1,038.91	1,028.03	1,068.34	1,111.08	1,137.86	1,116.64	1,053.85	995.95	1,049.13	1,044.79
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.34	36.35	36.34	36.36	36.34	36.33	36.30	36.29	36.31

					03-07 16:00	03-07 16:30	03-07 17:00	03-07 17:30	03-07 18:00	03-07 18:30	03-07 19:00	03-07 19:30	03-07 20:00	03-07 20:30	03-07 21:00	03-07 21:30	03-07 22:00	03-07 22:30	03-07 23:00	03-07 23:30
TSP	20	mg/Sm³	12	1	0.81	0.59	0.69	0.61	0.73	0.62	0.69	0.62	0.84	0.68	0.71	0.71	0.70	0.75	0.66	0.70
SOx	30	ppm	12	1	11.14	0.73	0.95	6.38	0.00	3.80	0.59	0.03	0.41	0.54	0.02	0.27	0.31	0.08	6.41	5.13
NOx	70	ppm	12	1	18.23	10.61	9.71	12.43	9.18	16.24	11.20	16.54	17.37	15.27	9.15	10.82	8.96	12.86	10.92	11.52
HCl	15	ppm	12	1	7.33	5.20	2.98	3.16	4.10	1.86	5.23	1.29	2.89	0.79	0.23	0.00	0.00	0.00	0.76	10.20
CO	50	ppm	12	1	26.13	12.04	1.04	24.24	1.14	0.27	0.52	0.26	0.36	0.47	15.65	13.34	5.43	1.62	0.61	0.49
O_2		%	0	0.1	7.22	5.87	7.92	6.00	8.58	5.64	7.62	6.08	10.02	6.46	6.85	6.42	5.98	7.21	5.80	7.02
FL1		Sm³	12	10	13,384	14,782	13,200	15,217	12,456	15,505	13,366	15,059	11,261	15,088	14,855	15,418	15,786	14,320	15,726	14,278
TMP		℃	0	1	186.31	185.65	185.84	185.84	185.80	185.30	185.68	185.63	185.38	185.78	185.86	186.15	186.59	186.49	185.51	185.52
TM1		℃	0	1	1,065.56	1,084.39	1,052.37	1,062.94	1,014.67	1,085.49	1,045.35	1,086.93	1,061.93	1,067.36	1,019.35	1,015.00	1,049.67	1,003.43	1,048.55	1,030.77
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

3월 8일 굴뚝별 트랜드

					03-08 00:00	03-08 00:30	03-08 01:00	03-08 01:30	03-08 02:00	03-08 02:30	03-08 03:00	03-08 03:30	03-08 04:00	03-08 04:30	03-08 05:00	03-08 05:30	03-08 06:00	03-08 06:30	03-08 07:00	03-08 07:30
TSP	20	mg/Sm³	12	1	0.84	0.66	0.68	0.70	0.65	0.64	0.67	0.63	0.85	0.69	0.69	0.66	0.65	0.67	0.67	0.66
SOx	30	ppm	12	1	14.23	3.21	0.67	0.37	1.78	4.20	1.06	8.55	6.93	0.31	0.84	1.97	1.76	5.80	0.86	1.23
NOx	70	ppm	12	1	20.46	14.27	15.16	20.40	18.95	20.94	17.23	19.54	28.50	23.50	20.68	19.80	14.36	22.04	21.25	25.24
HCl	15	ppm	12	1	13.48	7.00	1.80	1.69	2.83	5.80	7.81	7.53	11.14	3.03	3.17	4.24	3.29	4.68	2.63	1.34
CO	50	ppm	12	1	0.62	2.98	0.46	0.25	0.99	0.21	0.12	0.14	0.26	0.16	0.23	0.17	0.25	0.17	10.19	0.15
O_2		%	0	0.1	8.49	6.79	6.15	6.17	6.02	6.20	7.46	6.71	10.10	7.00	7.30	6.73	7.04	6.82	6.65	6.19
FL1		Sm³	12	10	12,642	14,380	15,691	15,802	15,514	14,996	13,395	14,177	11,799	14,525	13,941	14,193	13,740	14,423	14,668	15,411
TMP		℃	0	1	185.97	185.80	185.95	186.88	186.68	186.14	184.96	184.11	184.53	185.01	185.15	184.43	183.33	184.05	184.52	185.12
TM1		℃	0	1	1,079.85	1,068.17	1,051.85	1,049.83	1,077.31	1,105.37	1,099.99	1,125.06	1,085.68	1,087.38	1,072.71	1,110.61	1,106.36	1,121.35	1,108.23	1,099.53
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					03-08 08:00	03-08 08:30	03-08 09:00	03-08 09:30	03-08 10:00	03-08 10:30	03-08 11:00	03-08 11:30	03-08 12:00	03-08 12:30	03-08 13:00	03-08 13:30	03-08 14:00	03-08 14:30	03-08 15:00	03-08 15:30
TSP	20	mg/Sm³	12	1	0.88	0.69	0.66	0.64	0.61	0.63	0.65	0.55	0.80	0.59	0.57	0.57	0.61	0.59	0.57	0.56
SOx	30	ppm	12	1	1.58	0.02	0.24	0.00	0.00	0.00	0.35	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13
NOx	70	ppm	12	1	33.04	21.98	17.92	17.03	15.59	11.17	7.06	13.88	13.00	10.46	13.26	11.29	12.53	9.56	7.94	8.28
HCl	15	ppm	12	1	2.30	0.43	0.65	0.48	0.31	0.34	0.36	0.78	1.63	0.08	0.00	0.08	0.02	0.00	0.00	0.00
CO	50	ppm	12	1	0.18	0.16	5.31	0.24	0.21	0.29	15.57	13.65	0.22	4.44	0.34	0.18	0.33	0.44	0.30	18.91
O_2		%	0	0.1	8.89	6.84	6.09	6.20	5.94	6.50	6.80	5.20	9.09	6.22	5.74	6.19	7.07	6.63	6.19	5.97
FL1		Sm³	12	10	12,658	14,606	14,903	14,208	14,497	13,739	13,655	14,830	11,034	13,782	14,291	13,655	12,962	13,526	13,842	13,981
TMP		℃	0	1	185.77	185.80	185.32	184.23	183.78	183.79	183.50	183.26	183.80	183.61	183.62	183.47	183.52	183.77	183.93	183.64
TM1		℃	0	1	1,087.38	1,071.55	1,075.79	1,059.02	1,062.25	1,046.44	1,029.16	1,107.27	1,059.72	1,073.27	1,092.66	1,082.57	1,036.39	1,031.76	1,043.95	1,073.59
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					03-08 16:00	03-08 16:30	03-08 17:00	03-08 17:30	03-08 18:00	03-08 18:30	03-08 19:00	03-08 19:30	03-08 20:00	03-08 20:30	03-08 21:00	03-08 21:30	03-08 22:00	03-08 22:30	03-08 23:00	03-08 23:30
TSP	20	mg/Sm³	12	1	0.78	0.60	0.56	0.56	0.57	0.61	0.58	0.56	0.77	0.63	0.57	0.71	0.83	8.70	57.35	79.51
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	2.61	7.29	5.52	2.47	0.00	0.00	3.90
NOx	70	ppm	12	1	6.67	6.23	5.67	6.35	6.46	3.98	5.44	6.53	7.12	5.75	17.38	19.40	7.16	22.21	53.52	65.40
HCl	15	ppm	12	1	0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.65	2.39	7.89	14.13	48.14	105.45
CO	50	ppm	12	1	24.73	0.49	0.27	0.25	0.24	0.51	0.30	0.82	9.97	21.45	0.67	14.75	0.48	2,006.12	8,374.93	4,711.05
O_2		%	0	0.1	9.92	6.42	5.60	5.95	6.10	6.97	6.32	5.74	9.07	6.98	5.58	5.79	9.02	18.19	20.81	20.90
FL1		Sm³	12	10	10,342	14,252	14,809	14,088	13,985	13,250	13,772	14,423	10,940	13,192	15,473	16,237	12,082	2,720	175	87
TMP		℃	0	1	183.44	183.73	184.11	183.72	183.55	183.30	183.27	183.69	183.25	182.56	179.91	180.89	182.63	186.25	182.97	169.65
TM1		℃	0	1	1,018.97	1,027.91	1,059.15	1,051.17	1,057.11	1,005.68	1,046.99	1,080.35	1,068.31	1,081.19	1,159.96	1,148.19	1,043.95	710.25	428.59	313.63
IRS		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.33	36.33	36.34	36.35	36.34