2월 15일 굴뚝별 트랜드

					02-15 00:00	02-15 00:30	02-15 01:00	02-15 01:30	02-15 02:00	02-15 02:30	02-15 03:00	02-15 03:30	02-15 04:00	02-15 04:30	02-15 05:00	02-15 05:30	02-15 06:00	02-15 06:30	02-15 07:00	02-15 07:30
TSP	20	mg/Sm³	12	1	1.49	1.22	1.20	1.16	1.22	1.20	1.19	1.21	1.45	1.17	1.25	1.15	1.28	1.14	1.14	0.99
SOx	30	ppm	12	1	0.09	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.97	8.67
NOx	70	ppm	12	1	26.35	20.14	23.72	25.15	22.40	21.80	20.89	20.50	25.32	22.17	21.12	22.88	19.91	18.94	19.54	19.46
HCl	15	ppm	12	1	5.96	4.02	1.93	1.80	1.13	0.93	0.84	1.72	4.01	4.50	3.22	2.14	2.64	2.05	2.53	3.19
CO	50	ppm	12	1	0.48	0.39	0.32	0.21	0.33	0.32	0.32	0.39	0.62	0.29	0.52	0.26	0.42	0.26	0.27	34.34
O_2		%	0	0.1	9.90	7.58	7.49	7.06	7.75	7.50	7.37	7.68	9.11	7.25	8.03	7.02	8.59	7.30	7.28	4.98
FL1		Sm³	12	10	11,673	13,451	13,556	14,146	13,536	13,654	13,816	13,479	12,228	13,952	13,231	14,320	12,486	13,790	13,974	16,351
TMP		℃	0	1	181.39	181.78	180.66	180.62	181.43	181.34	180.88	180.92	181.83	182.02	181.14	179.58	179.22	178.64	179.51	182.55
TM1		℃	0	1	1,055.63	1,044.33	1,052.71	1,089.28	1,067.21	1,065.77	1,066.17	1,039.81	1,068.47	1,059.02	1,025.30	1,080.47	1,020.81	1,073.92	1,066.78	1,152.27
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-15 08:00	02-15 08:30	02-15 09:00	02-15 09:30	02-15 10:00	02-15 10:30	02-15 11:00	02-15 11:30	02-15 12:00	02-15 12:30	02-15 13:00	02-15 13:30	02-15 14:00	02-15 14:30	02-15 15:00	02-15 15:30
TSP	20	mg/Sm³	12	1	1.37	1.15	1.18	1.17	1.19	1.20	1.12	1.30	1.49	1.40	1.35	1.16	1.44	1.28	1.19	1.26
SOx	30	ppm	12	1	1.00	0.07	0.22	0.88	0.00	0.00	0.03	0.01	0.00	0.09	0.31	0.55	0.00	2.31	1.98	0.21
NOx	70	ppm	12	1	31.09	19.94	27.27	22.29	25.26	20.10	29.46	20.29	22.07	19.87	19.56	26.08	17.78	30.68	22.78	26.06
HCl	15	ppm	12	1	2.77	0.87	0.62	2.19	0.69	0.46	0.32	1.44	1.01	1.87	3.87	0.64	0.78	1.50	5.75	4.15
CO	50	ppm	12	1	1.73	0.16	0.17	0.09	0.08	0.14	0.13	0.30	0.36	0.43	0.43	0.16	0.54	0.39	0.19	0.12
O_2		%	0	0.1	8.93	7.36	7.63	7.72	7.89	8.09	7.22	8.79	10.99	9.47	8.92	6.87	9.71	8.22	7.43	8.08
FL1		Sm³	12	10	12,403	13,401	14,113	12,721	12,546	12,328	14,459	12,528	11,505	12,422	12,931	14,784	11,446	14,218	14,157	13,255
TMP		℃	0	1	181.73	180.13	180.22	180.22	178.93	177.57	177.34	179.24	179.82	179.02	180.34	182.16	181.30	180.44	182.44	182.82
TM1		℃	0	1	1,124.74	1,086.08	1,116.71	1,100.02	1,088.19	1,073.55	1,124.78	1,055.35	1,062.19	1,047.71	1,062.89	1,150.85	1,000.90	1,069.99	1,084.71	1,086.63
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-15 16:00	02-15 16:30	02-15 17:00	02-15 17:30	02-15 18:00	02-15 18:30	02-15 19:00	02-15 19:30	02-15 20:00	02-15 20:30	02-15 21:00	02-15 21:30	02-15 22:00	02-15 22:30	02-15 23:00	02-15 23:30
TSP	20	mg/Sm³	12	1	1.51	1.21	1.23	1.18	1.17	1.21	1.25	1.29	1.53	1.20	1.24	1.28	1.16	1.21	1.25	1.22
SOx	30	ppm	12	1	0.00	1.32	3.91	0.00	0.00	0.00	0.02	0.16	0.02	0.03	0.03	0.60	8.03	1.75	0.73	0.00
NOx	70	ppm	12	1	32.63	29.51	23.74	26.76	29.06	27.30	26.17	26.23	36.29	30.98	28.13	26.59	28.04	26.85	28.02	26.30
HCl	15	ppm	12	1	1.78	2.40	7.63	2.37	1.65	1.23	1.30	1.55	1.70	1.81	1.25	1.18	6.71	6.90	5.01	2.01
CO	50	ppm	12	1	0.25	0.32	0.35	0.22	0.18	0.22	0.27	0.23	0.20	0.14	0.27	0.32	0.24	0.31	0.32	0.35
O_2		%	0	0.1	10.36	7.51	7.68	7.36	7.02	7.50	7.98	8.37	10.14	7.52	8.07	8.55	7.03	8.07	8.37	7.89
FL1		Sm³	12	10	11,440	14,023	13,779	14,124	14,549	13,846	13,282	12,766	10,994	13,661	12,958	12,580	14,298	13,079	12,770	13,407
TMP		℃	0	1	182.30	182.62	182.35	182.09	182.19	182.13	181.96	181.50	181.31	181.50	181.34	180.89	180.28	180.65	180.45	180.28
TM1		℃	0	1	1,071.23	1,074.99	1,050.97	1,077.02	1,098.77	1,089.38	1,077.88	1,065.88	1,109.20	1,121.56	1,090.07	1,055.67	1,097.22	1,065.06	1,057.77	1,059.78
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

2월 16일 굴뚝별 트랜드

					02-16 00:00	02-16 00:30	02-16 01:00	02-16 01:30	02-16 02:00	02-16 02:30	02-16 03:00	02-16 03:30	02-16 04:00	02-16 04:30	02-16 05:00	02-16 05:30	02-16 06:00	02-16 06:30	02-16 07:00	02-16 07:30
TSP	20	mg/Sm³	12	1	1.50	1.24	1.34	1.18	1.24	1.16	1.26	1.28	1.51	1.25	1.13	1.21	1.27	1.18	1.12	1.25
SOx	30	ppm	12	1	0.08	0.04	0.00	0.00	0.00	3.88	0.00	0.81	10.60	0.19	0.14	1.73	2.52	4.18	5.61	0.00
NOx	70	ppm	12	1	32.96	29.37	22.33	30.31	28.27	32.02	27.37	30.14	40.30	27.42	33.82	27.66	27.86	37.51	36.99	24.19
HCl	15	ppm	12	1	1.97	2.12	1.64	0.89	1.19	1.87	0.71	0.36	2.58	2.68	0.65	2.78	4.52	5.87	7.45	5.09
CO	50	ppm	12	1	0.34	1.89	0.35	0.18	0.17	0.15	0.16	0.46	4.94	0.21	0.15	0.23	0.31	0.21	0.16	0.35
O_2		%	0	0.1	10.43	7.90	8.94	7.35	8.13	7.09	8.23	8.09	10.34	8.11	6.70	7.41	8.12	7.31	6.53	8.01
FL1		Sm³	12	10	11,496	13,246	12,202	13,929	13,020	14,502	12,891	13,206	11,293	13,075	14,810	13,889	12,966	14,030	14,947	13,191
TMP		℃	0	1	180.66	181.10	180.89	180.48	180.90	181.09	180.25	179.25	179.78	180.21	180.21	180.66	180.32	180.06	181.12	180.94
TM1		℃	0	1	1,057.29	1,083.98	1,026.71	1,096.79	1,075.86	1,116.50	1,077.25	1,070.78	1,096.25	1,074.53	1,116.10	1,097.48	1,089.85	1,108.91	1,141.61	1,050.24
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.60	36.60	36.60	36.60

					02-16 08:00	02-16 08:30	02-16 09:00	02-16 09:30	02-16 10:00	02-16 10:30	02-16 11:00	02-16 11:30	02-16 12:00	02-16 12:30	02-16 13:00	02-16 13:30	02-16 14:00	02-16 14:30	02-16 15:00	02-16 15:30
TSP	20	mg/Sm³	12	1	1.53	1.22	1.12	1.14	1.16	1.21	1.20	1.18	1.51	1.21	1.15	1.16	1.14	1.22	1.19	1.25
SOx	30	ppm	12	1	1.12	15.52	0.03	0.09	0.00	0.00	0.00	0.00	0.00	0.02	0.61	2.96	2.08	0.24	0.73	0.09
NOx	70	ppm	12	1	33.96	23.90	30.58	30.54	32.46	27.93	21.71	19.05	23.62	18.32	24.60	20.52	25.43	19.97	20.32	17.26
HCl	15	ppm	12	1	4.47	5.92	1.50	1.63	1.15	1.19	0.93	0.62	1.67	1.36	1.61	3.70	2.64	1.52	1.84	2.06
CO	50	ppm	12	1	0.33	0.15	0.13	0.09	0.14	0.21	0.38	0.26	0.29	0.21	0.17	0.28	1.49	0.23	0.14	0.19
O_2		%	0	0.1	10.49	7.83	6.59	6.84	6.94	7.58	7.62	7.64	10.43	7.74	6.99	7.07	6.73	7.85	7.57	8.21
FL1		Sm³	12	10	11,201	13,410	15,028	14,694	14,521	13,748	13,456	13,545	10,902	13,259	14,423	14,408	14,604	13,011	13,364	12,657
TMP		℃	0	1	180.25	179.75	180.32	181.52	181.64	181.62	181.40	181.21	181.21	180.80	181.36	181.86	181.77	180.95	180.47	180.42
TM1		℃	0	1	1,067.70	1,064.83	1,118.32	1,112.65	1,109.05	1,082.33	1,062.19	1,039.36	1,046.89	1,045.61	1,076.53	1,062.64	1,094.31	1,061.97	1,076.46	1,052.62
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-16 16:00	02-16 16:30	02-16 17:00	02-16 17:30	02-16 18:00	02-16 18:30	02-16 19:00	02-16 19:30	02-16 20:00	02-16 20:30	02-16 21:00	02-16 21:30	02-16 22:00	02-16 22:30	02-16 23:00	02-16 23:30
TSP	20	mg/Sm³	12	1	1.43	1.07	1.14	1.21	1.11	1.12	1.21	1.23	1.43	1.10	1.19	1.28	1.18	1.29	1.13	1.25
SOx	30	ppm	12	1	1.21	2.24	0.00	0.13	4.56	14.41	0.52	1.59	17.80	8.28	0.82	0.02	3.06	0.00	0.28	0.00
NOx	70	ppm	12	1	24.58	29.14	23.48	22.15	23.88	21.98	22.04	20.51	48.42	27.55	30.63	21.44	24.69	17.47	19.79	17.93
HCl	15	ppm	12	1	1.83	3.78	3.48	2.72	2.88	8.83	4.68	3.53	8.21	5.44	7.18	5.31	7.26	3.93	2.24	3.47
CO	50	ppm	12	1	0.25	0.16	0.18	0.24	0.20	0.23	0.43	0.54	0.15	16.69	0.23	0.40	0.26	0.58	0.24	0.55
O_2		%	0	0.1	9.70	5.92	6.81	7.66	6.53	6.57	7.44	7.66	8.47	6.07	7.47	8.42	7.34	8.48	7.15	8.44
FL1		Sm³	12	10	12,203	15,535	14,613	13,530	15,022	14,816	13,937	13,503	12,427	15,237	13,513	12,621	13,697	12,569	13,918	12,850
TMP		℃	0	1	180.58	181.97	182.67	182.13	182.23	182.04	181.69	180.49	181.22	182.22	181.76	181.16	181.37	180.80	179.71	180.77
TM1		℃	0	1	1,061.65	1,121.20	1,091.07	1,066.21	1,092.72	1,076.43	1,033.19	1,040.99	1,145.89	1,127.97	1,099.73	1,041.25	1,077.49	1,007.25	1,068.68	997.02
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

2월 17일 굴뚝별 트랜드

					02-17 00:00	02-17 00:30	02-17 01:00	02-17 01:30	02-17 02:00	02-17 02:30	02-17 03:00	02-17 03:30	02-17 04:00	02-17 04:30	02-17 05:00	02-17 05:30	02-17 06:00	02-17 06:30	02-17 07:00	02-17 07:30
TSP	20	mg/Sm³	12	1	1.47	1.23	1.12	1.12	1.16	1.20	1.16	1.18	1.58	1.19	1.12	1.21	1.23	1.27	1.24	1.29
SOx	30	ppm	12	1	0.03	0.61	6.31	1.43	0.06	0.00	0.03	0.18	0.73	0.00	0.74	2.22	0.53	0.06	0.40	0.02
NOx	70	ppm	12	1	23.41	14.71	21.22	22.25	24.95	25.81	31.30	28.75	29.42	24.62	32.16	26.64	30.47	24.40	26.48	24.96
HCl	15	ppm	12	1	3.68	3.62	4.03	4.71	1.27	1.26	1.15	1.34	2.30	0.87	1.65	3.85	1.60	2.19	2.05	2.03
CO	50	ppm	12	1	0.64	0.40	0.13	0.14	0.14	0.11	0.08	4.00	0.40	0.32	0.10	0.10	0.12	0.18	0.09	0.18
O_2		%	0	0.1	10.24	7.89	6.54	6.61	6.97	7.53	6.97	7.20	11.46	7.39	6.60	7.64	7.82	8.33	7.93	8.53
FL1		Sm³	12	10	11,585	13,224	14,699	15,076	14,544	13,775	14,389	14,032	10,518	14,001	14,725	13,521	13,590	12,890	13,506	12,849
TMP		℃	0	1	180.75	180.57	179.65	180.87	181.64	181.03	181.14	181.41	180.97	181.10	181.82	181.05	181.01	180.82	181.27	181.42
TM1		℃	0	1	1,008.09	996.09	1,068.00	1,092.51	1,095.75	1,091.95	1,119.17	1,108.46	1,026.57	1,075.37	1,131.75	1,097.09	1,088.65	1,057.48	1,087.07	1,061.91
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.60

					02-17 08:00	02-17 08:30	02-17 09:00	02-17 09:30	02-17 10:00	02-17 10:30	02-17 11:00	02-17 11:30	02-17 12:00	02-17 12:30	02-17 13:00	02-17 13:30	02-17 14:00	02-17 14:30	02-17 15:00	02-17 15:30
TSP	20	mg/Sm³	12	1	1.59	1.19	1.24	1.20	1.33	1.24	1.24	1.22	1.55	1.25	1.32	1.33	1.25	1.20	1.22	1.20
SOx	30	ppm	12	1	0.00	0.00	0.02	0.86	0.00	0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.08	0.00	0.00
NOx	70	ppm	12	1	31.74	24.24	22.04	22.72	21.12	24.94	23.55	25.62	27.34	24.50	22.29	22.33	23.61	26.24	22.95	25.02
HCl	15	ppm	12	1	1.61	0.40	1.13	6.12	2.81	2.34	0.43	0.27	1.10	0.24	0.56	0.32	0.15	0.65	0.61	0.13
CO	50	ppm	12	1	0.37	0.24	0.24	0.17	0.29	0.15	0.15	0.10	0.26	0.16	0.24	0.27	0.24	0.19	0.16	0.24
O_2		%	0	0.1	11.32	7.40	8.04	7.70	8.84	7.94	7.86	7.87	11.07	8.02	8.68	8.87	8.19	7.78	8.17	7.87
FL1		Sm³	12	10	10,588	14,099	13,295	13,746	12,412	13,499	13,659	13,562	10,985	13,376	12,544	12,307	13,066	13,605	13,468	13,788
TMP		℃	0	1	181.02	180.01	179.49	179.88	180.33	180.44	181.02	181.38	181.08	180.96	181.27	180.73	179.72	179.75	181.39	182.44
TM1		℃	0	1	1,036.03	1,052.85	1,056.86	1,074.78	1,031.20	1,068.65	1,068.35	1,080.55	1,050.04	1,064.05	1,059.51	1,026.72	1,061.11	1,066.23	1,061.85	1,048.72
TM3		℃	0	1	36.61	36.61	36.60	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-17 16:00	02-17 16:30	02-17 17:00	02-17 17:30	02-17 18:00	02-17 18:30	02-17 19:00	02-17 19:30	02-17 20:00	02-17 20:30	02-17 21:00	02-17 21:30	02-17 22:00	02-17 22:30	02-17 23:00	02-17 23:30
TSP	20	mg/Sm³	12	1	1.46	1.23	1.16	1.24	1.18	1.23	1.06	1.26	1.44	1.33	1.20	1.24	1.36	1.30	1.32	1.38
SOx	30	ppm	12	1	0.00	0.00	0.08	0.00	0.12	0.00	5.78	5.69	0.16	0.00	0.08	0.00	0.00	0.00	0.05	0.11
NOx	70	ppm	12	1	23.12	19.99	26.05	24.81	29.01	24.15	30.49	22.01	36.17	22.96	25.73	23.24	21.48	23.91	26.55	21.20
HCl	15	ppm	12	1	0.13	0.00	0.05	0.13	0.13	0.16	0.00	2.86	0.43	0.14	0.04	0.00	0.00	0.02	0.02	0.09
CO	50	ppm	12	1	0.31	0.19	0.13	0.24	0.20	0.22	15.35	13.17	0.25	0.35	0.15	0.09	0.19	0.19	0.36	0.34
O_2		%	0	0.1	10.73	8.39	7.52	8.15	7.26	8.00	5.80	8.26	9.72	9.03	7.46	7.99	9.11	8.46	8.52	9.23
FL1		Sm³	12	10	11,252	12,474	13,778	13,099	14,103	13,315	15,748	12,877	11,632	12,199	13,655	12,827	11,634	12,738	12,859	11,890
TMP		℃	0	1	182.02	180.89	180.67	181.81	182.23	181.56	181.52	182.26	181.97	181.32	181.04	181.06	180.20	179.90	179.92	180.17
TM1		℃	0	1	1,033.95	1,047.85	1,082.29	1,062.17	1,104.61	1,066.07	1,164.25	1,051.83	1,121.72	1,026.17	1,102.78	1,109.42	1,057.99	1,072.89	1,048.96	1,026.48
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59