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	0.78	0.58	0.59	0.60	0.63	0.65	0.59	0.62	0.82	0.60	0.65	0.63	0.68	0.71	0.71	0.63
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	0.00	0.08	0.00	1.52	0.03	1.45
NOx	70	ppm	12	1	20.37	22.08	20.17	19.04	20.72	14.64	16.49	14.63	22.10	18.72	19.64	25.27	23.38	18.68	12.76	14.44
HCl	15	ppm	12	1	0.98	0.00	0.00	0.03	0.53	0.70	0.05	0.60	0.71	0.00	0.00	0.44	1.86	2.21	3.13	1.75
CO	50	ppm	12	1	3.07	0.27	0.25	0.60	0.24	0.67	0.38	0.60	0.36	0.41	0.27	0.21	0.28	9.02	0.81	37.65
O_2		%	0	0.1	8.19	5.26	5.83	5.84	6.79	7.16	5.73	6.31	9.07	5.54	6.66	6.19	7.02	7.22	7.55	5.94
FL1		Sm³	12	10	12,474	15,716	15,060	15,084	13,827	13,584	15,219	14,532	11,791	15,251	14,438	15,716	14,717	14,329	13,115	14,971
TMP		℃	0	1	185.64	186.01	185.81	185.64	185.44	184.77	184.82	185.08	185.15	185.03	185.30	186.34	187.02	186.49	185.16	184.26
TM1		℃	0	1	1,064.37	1,098.49	1,095.05	1,085.61	1,068.02	1,030.56	1,064.29	1,055.22	1,055.13	1,082.66	1,080.77	1,087.60	1,078.87	1,027.17	1,034.12	1,073.53
TM3		℃	0	1	36.25	36.25	36.25	36.26	36.25	36.25	36.26	36.26	36.26	36.25	36.26	36.26	36.26	36.26	36.27	36.27

					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	0.83	0.69	0.68	0.68	0.66	0.58	0.68	0.64	0.87	0.66	0.59	0.68	0.62	0.72	0.64	0.73
SOx	30	ppm	12	1	0.42	0.00	3.40	0.00	0.00	0.53	0.06	0.00	0.00	0.00	0.00	0.00	2.09	0.00	1.02	0.00
NOx	70	ppm	12	1	20.15	15.72	16.63	11.26	12.98	22.47	13.35	17.43	18.69	12.56	18.01	13.63	14.46	11.82	13.23	9.81
HCl	15	ppm	12	1	2.77	0.15	1.99	3.71	3.93	2.17	4.87	1.51	1.63	0.00	0.00	0.53	2.59	7.47	1.81	1.85
CO	50	ppm	12	1	0.84	0.69	24.22	0.61	0.48	0.22	2.23	0.86	3.44	0.77	1.90	0.45	3.08	0.56	25.96	0.78
O_2		%	0	0.1	9.07	7.38	6.85	7.52	6.99	5.21	7.22	6.65	9.96	7.12	5.63	7.46	6.44	8.41	6.29	8.60
FL1		Sm³	12	10	12,572	12,989	14,356	12,974	13,657	15,874	13,433	14,397	10,484	13,612	15,154	13,048	13,998	11,849	14,290	11,973
TMP		℃	0	1	185.27	185.10	184.27	183.93	183.86	185.11	185.39	185.18	184.79	184.25	184.40	184.79	184.37	183.82	183.97	183.90
TM1		℃	0	1	1,037.85	1,058.53	1,063.93	1,032.77	1,039.61	1,079.63	1,052.11	1,073.39	1,063.92	1,007.17	1,086.05	1,044.81	1,060.21	1,044.80	1,082.65	1,015.63
TM3		℃	0	1	36.27	36.27	36.26	36.26	36.28	36.27	36.27	36.27	36.26	36.26	36.27	36.26	36.26	36.27	36.27	36.26

					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	0.83	0.57	0.65	0.62	0.62	0.62	0.69	0.68	0.82	0.66	0.64	0.71	0.63	0.66	0.73	0.70
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	13.26	16.17	13.61	12.45	17.55	14.61	10.64	10.12	13.06	10.57	13.79	11.79	13.36	11.30	12.72	9.63
HCl	15	ppm	12	1	0.84	0.01	0.08	0.07	0.00	0.06	0.12	0.01	0.60	0.19	0.04	0.00	0.00	0.07	0.23	0.16
CO	50	ppm	12	1	0.93	0.47	0.49	1.48	0.28	0.91	0.76	18.44	0.83	0.47	0.33	0.43	0.36	4.13	0.92	0.56
O_2		%	0	0.1	10.01	5.48	7.17	6.42	6.03	6.30	7.42	7.16	9.16	7.00	6.46	7.58	6.14	6.59	7.97	7.81
FL1		Sm³	12	10	10,743	15,226	13,421	14,331	14,964	14,533	13,644	13,691	11,541	13,609	14,398	13,353	15,139	14,350	13,020	12,799
TMP		℃	0	1	183.08	182.60	184.13	184.53	185.51	185.68	185.31	184.55	183.65	184.03	184.27	184.68	185.18	185.43	184.52	183.16
TM1		℃	0	1	1,006.03	1,068.09	1,060.49	1,048.13	1,079.89	1,084.19	1,034.12	1,002.05	1,057.31	1,058.44	1,046.04	1,061.65	1,058.47	1,058.95	998.65	1,034.94
TM3		℃	0	1	36.26	36.26	36.25	36.26	36.26	36.25	36.25	36.26	36.26	36.26	36.27	36.27	36.27	36.27	36.27	36.28

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	0.81	0.73	0.75	0.62	0.66	0.66	0.66	0.69	0.82	0.84	0.66	0.65	0.71	0.70	0.71	0.65
SOx	30	ppm	12	1	0.54	3.16	2.65	0.14	0.00	0.00	0.00	0.00	0.40	0.00	2.45	0.49	0.00	0.00	0.00	2.11
NOx	70	ppm	12	1	11.50	5.47	7.39	11.92	9.25	9.21	10.99	9.05	11.35	6.14	8.42	9.14	6.86	8.12	9.08	13.10
HCl	15	ppm	12	1	0.01	0.03	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	0.26
CO	50	ppm	12	1	35.65	27.85	18.46	14.66	0.60	0.50	0.31	0.43	0.52	1.35	29.79	0.41	1.55	0.38	0.37	0.42
O_2		%	0	0.1	8.14	7.65	8.29	6.15	7.08	6.80	6.94	7.49	9.50	9.89	6.70	6.52	7.70	7.75	7.72	6.48
FL1		Sm³	12	10	11,843	13,218	12,248	14,758	13,944	14,478	13,828	13,182	11,868	10,927	14,320	14,086	12,977	12,643	12,856	14,355
TMP		℃	0	1	183.59	183.55	183.25	183.09	184.03	184.76	184.97	184.25	183.61	183.25	182.93	183.60	183.72	183.59	183.36	183.84
TM1		℃	0	1	1,056.49	1,018.67	1,036.93	1,060.90	1,046.43	1,022.19	1,047.62	1,033.91	1,039.13	991.27	1,042.03	1,067.97	1,027.62	1,056.01	1,040.37	1,069.81
TM3		℃	0	1	36.27	36.27	36.27	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					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	0.85	0.60	0.64	0.64	0.65	0.64	0.63	0.65	0.79	0.64	0.64	0.74	0.59	0.69	0.58	0.63
SOx	30	ppm	12	1	0.00	4.74	3.80	0.00	0.00	0.00	0.24	0.00	0.23	0.02	0.26	0.31	0.00	0.00	1.07	0.05
NOx	70	ppm	12	1	9.90	13.44	16.76	14.12	15.40	13.03	11.64	9.85	15.37	11.80	8.19	9.62	10.82	9.39	10.56	10.60
HCl	15	ppm	12	1	1.75	0.78	6.80	4.26	1.44	1.64	1.57	1.37	1.48	0.00	0.00	0.84	0.02	0.59	0.11	0.45
CO	50	ppm	12	1	1.41	2.30	14.96	0.44	0.29	0.33	21.51	0.49	15.78	0.50	22.04	18.97	1.74	1.01	38.02	0.72
O_2		%	0	0.1	9.54	5.53	6.23	6.32	6.58	6.48	6.26	6.92	7.58	6.38	6.35	8.14	5.73	7.66	5.30	6.50
FL1		Sm³	12	10	11,519	15,601	15,298	15,041	14,897	14,330	14,348	13,561	12,804	14,384	14,411	12,157	14,906	12,974	15,623	14,297
TMP		℃	0	1	184.43	184.78	185.97	186.11	186.11	185.15	184.72	183.93	184.19	185.58	186.17	185.05	183.87	184.01	184.76	185.55
TM1		℃	0	1	1,041.44	1,084.28	1,077.97	1,054.79	1,079.75	1,061.41	1,078.93	1,030.77	1,085.34	1,090.33	1,027.15	1,049.29	1,056.25	1,041.83	1,051.99	1,050.15
TM3		℃	0	1	36.28	36.28	36.28	36.26	36.25	36.26	36.27	36.26	36.26	36.25	36.26	36.25	36.25	36.25	36.25	36.25

					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	0.80	0.66	0.64	0.63	0.63	0.65	0.60	0.63	0.79	0.64	0.66	0.62	0.62	0.62	0.76	0.63
SOx	30	ppm	12	1	7.72	0.00	0.00	0.50	1.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.00	0.00
NOx	70	ppm	12	1	12.28	7.67	10.99	8.51	9.89	9.16	11.52	9.00	20.14	12.12	9.57	12.90	12.87	12.70	7.33	12.04
HCl	15	ppm	12	1	2.53	2.33	0.00	0.17	0.38	1.02	0.01	0.30	0.65	0.07	0.00	0.00	0.00	0.38	1.99	0.13
CO	50	ppm	12	1	64.00	0.83	0.62	21.72	7.50	0.75	0.60	1.19	1.01	0.67	2.31	0.58	0.53	4.38	1.24	0.38
O_2		%	0	0.1	7.53	7.16	6.82	6.49	6.51	7.15	5.96	6.55	8.45	6.86	7.31	6.23	6.05	6.09	8.89	6.65
FL1		Sm³	12	10	12,127	13,336	13,755	13,873	14,252	13,558	14,986	14,040	12,053	13,681	13,365	14,606	15,105	14,774	11,549	13,672
TMP		℃	0	1	185.85	185.40	185.19	184.98	185.22	185.32	185.68	185.37	185.27	185.03	184.70	184.99	185.81	185.81	184.42	182.82
TM1		℃	0	1	1,073.27	1,051.54	1,043.39	1,042.18	1,047.17	1,032.56	1,044.51	1,022.85	1,069.87	1,046.29	1,013.58	1,032.27	1,033.41	1,049.93	987.29	1,049.07
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

2월 18일 굴뚝별 트랜드

					02-18 00:00	02-18 00:30	02-18 01:00	02-18 01:30	02-18 02:00	02-18 02:30	02-18 03:00	02-18 03:30	02-18 04:00	02-18 04:30	02-18 05:00	02-18 05:30	02-18 06:00	02-18 06:30	02-18 07:00	02-18 07:30
TSP	20	mg/Sm³	12	1	0.78	0.70	0.66	0.66	0.61	0.70	0.65	0.66	0.87	0.62	0.69	0.61	0.70	0.62	0.72	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.51	0.00	0.37	0.00	0.00	0.19	0.01	0.48	0.15	0.00	0.00	0.03
NOx	70	ppm	12	1	14.40	11.34	14.25	14.05	15.82	12.00	13.28	14.20	18.17	18.37	15.50	18.78	15.99	18.96	11.91	20.49
HCl	15	ppm	12	1	0.29	0.00	0.00	0.00	0.01	0.38	0.25	0.54	2.46	0.19	0.98	1.89	5.21	1.01	1.82	0.58
CO	50	ppm	12	1	0.62	0.51	0.39	0.35	13.33	0.46	5.48	0.32	0.49	0.33	0.33	0.19	0.43	0.36	1.45	0.19
O_2		%	0	0.1	8.58	7.98	7.04	7.18	5.96	7.63	6.79	6.97	10.15	6.02	7.56	5.93	7.61	5.98	7.88	5.62
FL1		Sm³	12	10	12,090	12,636	13,661	13,525	14,775	13,108	13,969	13,683	10,376	14,471	13,120	14,941	12,822	14,954	13,028	15,008
TMP		℃	0	1	183.12	183.71	183.72	184.14	184.67	184.67	184.51	184.76	184.59	184.23	184.60	184.77	184.65	184.77	184.92	184.86
TM1		℃	0	1	1,035.89	1,039.52	1,020.97	1,040.53	1,060.75	1,039.23	1,046.64	1,050.31	1,045.43	1,053.51	1,053.25	1,061.15	1,059.94	1,072.86	1,010.02	1,075.98
TM3		℃	0	1	36.25	36.25	36.25	36.26	36.26	36.26	36.26	36.26	36.27	36.27	36.28	36.28	36.28	36.28	36.28	36.27

					02-18 08:00	02-18 08:30	02-18 09:00	02-18 09:30	02-18 10:00	02-18 10:30	02-18 11:00	02-18 11:30	02-18 12:00	02-18 12:30	02-18 13:00	02-18 13:30	02-18 14:00	02-18 14:30	02-18 15:00	02-18 15:30
TSP	20	mg/Sm³	12	1	0.86	0.61	0.66	0.70	0.63	0.67	0.59	0.68	0.78	0.53	0.62	0.58	0.67	0.59	0.56	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	5.11	0.16	17.95	0.57	4.59	6.16	0.04	0.19	0.02	0.02	0.00	0.21
NOx	70	ppm	12	1	18.82	15.87	14.02	15.85	13.59	19.47	32.67	47.52	73.68	42.21	7.33	6.85	5.15	4.83	3.83	2.80
HCl	15	ppm	12	1	2.41	0.00	0.01	0.48	0.89	2.28	7.95	8.04	6.16	2.12	4.05	1.73	1.57	0.01	0.00	0.00
CO	50	ppm	12	1	0.53	0.47	0.47	0.51	29.09	0.40	47.18	0.74	26.38	38.57	0.79	22.35	5.25	24.60	9.54	56.78
O_2		%	0	0.1	9.89	6.00	6.83	7.56	5.63	6.29	4.22	7.12	8.01	3.74	6.40	5.44	7.47	5.48	5.07	5.49
FL1		Sm³	12	10	10,675	14,641	14,494	14,115	16,441	15,630	17,287	13,514	12,473	17,349	14,420	15,568	13,316	16,042	16,578	15,631
TMP		℃	0	1	184.85	184.66	185.30	186.68	187.75	187.98	188.16	186.92	186.17	186.71	186.79	185.99	185.82	186.20	186.80	187.13
TM1		℃	0	1	1,050.87	1,050.88	1,044.05	1,028.55	1,055.23	1,053.49	1,087.95	1,035.39	1,057.33	1,096.33	1,055.11	1,020.21	1,035.17	1,030.32	1,026.71	1,066.38
TM3		℃	0	1	36.27	36.27	36.25	36.26	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25

					02-18 16:00	02-18 16:30	02-18 17:00	02-18 17:30	02-18 18:00	02-18 18:30	02-18 19:00	02-18 19:30	02-18 20:00	02-18 20:30	02-18 21:00	02-18 21:30	02-18 22:00	02-18 22:30	02-18 23:00	02-18 23:30
TSP	20	mg/Sm³	12	1	0.80	0.66	0.61	0.64	0.59	0.66	0.62	0.60	0.80	0.65	0.66	0.59	0.62	0.68	0.61	0.66
SOx	30	ppm	12	1	0.36	0.00	1.51	0.09	0.60	0.07	0.00	0.00	0.00	0.00	0.20	0.00	0.02	0.00	0.03	0.00
NOx	70	ppm	12	1	5.17	3.62	3.82	3.17	3.65	3.61	5.04	5.73	5.87	4.68	4.63	6.49	3.28	5.79	6.49	3.54
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	29.89	1.59	32.25	10.76	31.15	10.84	0.67	1.79	0.91	0.78	17.89	0.48	32.47	4.11	1.29	4.36
O_2		%	0	0.1	8.47	7.18	5.75	6.44	5.30	6.95	6.21	5.87	9.14	6.91	6.91	5.50	6.17	7.76	6.06	7.21
FL1		Sm³	12	10	12,326	14,237	15,868	15,095	16,421	14,610	15,312	15,586	12,454	14,563	14,788	15,926	14,961	13,563	15,578	14,182
TMP		℃	0	1	186.18	185.70	186.86	186.89	187.16	187.45	187.39	187.37	187.12	187.01	186.86	187.42	186.62	185.43	186.28	186.94
TM1		℃	0	1	1,020.93	1,016.10	1,066.65	1,007.59	1,074.43	1,003.57	1,056.86	1,050.29	1,019.86	1,017.53	982.11	1,044.95	1,021.67	1,005.79	1,021.88	1,001.29
TM3		℃	0	1	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.26