12월 15일 굴뚝별 트랜드

					12-15 00:00	12-15 00:30	12-15 01:00	12-15 01:30	12-15 02:00	12-15 02:30	12-15 03:00	12-15 03:30	12-15 04:00	12-15 04:30	12-15 05:00	12-15 05:30	12-15 06:00	12-15 06:30	12-15 07:00	12-15 07:30
TSP	20	mg/Sm³	12	1	0.81	0.68	0.60	0.63	0.63	0.65	0.64	0.61	0.81	0.67	0.71	0.68	0.65	0.62	0.73	0.68
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.14	0.05	0.39	0.84	0.00	0.62	0.05	0.00	0.54	3.12	3.83
NOx	70	ppm	12	1	11.71	5.40	11.92	9.70	11.39	11.83	11.75	11.42	15.40	9.69	10.15	8.61	12.34	12.27	11.68	18.20
HCl	15	ppm	12	1	0.77	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00	0.00	0.00	0.60	0.05
CO	50	ppm	12	1	0.53	0.80	0.22	0.18	0.25	0.33	0.34	0.31	0.28	0.37	1.06	0.59	0.27	0.26	1.26	0.51
O_2		%	0	0.1	9.75	8.16	6.39	6.92	7.07	7.39	7.00	6.20	9.30	7.46	7.94	7.64	7.07	6.46	8.14	7.34
FL1		Sm³	12	10	10,704	12,601	14,652	13,563	13,488	13,165	13,603	14,734	11,627	13,349	13,278	12,923	13,616	14,234	12,841	14,370
TMP		℃	0	1	182.98	182.30	182.34	183.27	183.46	183.40	183.50	183.76	184.45	184.75	184.34	183.55	183.36	183.49	184.26	184.17
TM1		℃	0	1	1,040.29	997.33	1,049.38	1,054.47	1,057.31	1,050.28	1,051.52	1,057.60	1,073.07	1,032.87	996.74	1,026.87	1,044.26	1,068.91	1,023.83	1,037.62
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	36.28	36.28	36.28	36.28

					12-15 08:00	12-15 08:30	12-15 09:00	12-15 09:30	12-15 10:00	12-15 10:30	12-15 11:00	12-15 11:30	12-15 12:00	12-15 12:30	12-15 13:00	12-15 13:30	12-15 14:00	12-15 14:30	12-15 15:00	12-15 15:30
TSP	20	mg/Sm³	12	1	0.84	0.69	0.67	0.62	0.58	0.63	0.59	0.63	0.77	0.65	0.60	0.57	0.57	0.59	0.57	0.66
SOx	30	ppm	12	1	2.00	8.93	0.00	11.89	0.13	0.03	0.01	0.17	0.93	0.00	0.18	0.71	0.16	0.08	0.16	0.00
NOx	70	ppm	12	1	19.11	10.10	11.67	13.62	16.38	18.37	15.28	6.47	17.32	9.76	8.38	9.59	10.11	11.80	13.77	7.64
HCl	15	ppm	12	1	4.09	0.55	0.00	1.77	0.00	0.00	0.00	0.00	1.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.56	7.87	0.38	25.24	0.75	0.23	0.25	11.83	26.16	0.59	3.83	10.91	6.94	3.47	1.67	0.58
O_2		%	0	0.1	10.52	7.45	7.44	6.53	5.91	7.04	6.21	7.04	9.17	7.34	6.41	5.69	5.99	6.45	5.88	8.13
FL1		Sm³	12	10	11,870	13,451	12,983	14,898	14,770	13,659	14,610	13,621	11,813	13,427	14,474	15,173	15,048	14,245	14,914	12,434
TMP		℃	0	1	185.14	185.18	183.26	184.21	184.90	184.79	184.71	184.69	185.07	185.12	185.30	185.70	185.98	185.99	185.82	185.35
TM1		℃	0	1	1,036.19	1,048.08	1,051.01	1,086.85	1,111.61	1,092.75	1,081.50	1,049.68	1,097.67	1,039.22	1,053.97	1,073.36	1,082.46	1,081.63	1,090.69	1,020.57
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	36.29	36.31	36.32	36.32

					12-15 16:00	12-15 16:30	12-15 17:00	12-15 17:30	12-15 18:00	12-15 18:30	12-15 19:00	12-15 19:30	12-15 20:00	12-15 20:30	12-15 21:00	12-15 21:30	12-15 22:00	12-15 22:30	12-15 23:00	12-15 23:30
TSP	20	mg/Sm³	12	1	0.75	0.54	0.63	0.60	0.61	0.59	0.59	0.63	0.75	0.62	0.59	0.65	0.60	0.60	0.63	0.63
SOx	30	ppm	12	1	0.00	0.26	1.11	0.00	0.00	0.23	0.00	0.04	0.00	0.00	0.43	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	9.57	7.50	5.34	8.80	9.84	7.30	7.44	8.89	11.52	8.92	12.27	6.98	11.88	14.85	9.21	8.84
HCl	15	ppm	12	1	0.04	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	0.53	4.67	21.96	3.55	0.39	17.58	0.48	0.53	0.69	0.71	0.43	3.91	0.40	0.23	0.76	0.40
O_2		%	0	0.1	9.33	5.46	7.07	6.60	6.86	6.27	6.54	7.14	9.28	7.20	6.17	7.42	6.53	6.23	6.92	7.00
FL1		Sm³	12	10	11,952	15,655	13,543	13,964	13,982	14,716	14,417	13,414	11,885	13,628	14,418	12,906	14,205	14,739	13,848	13,466
TMP		℃	0	1	184.47	185.01	185.72	184.80	185.04	185.65	185.70	185.64	184.09	183.80	183.77	182.62	183.08	184.44	184.36	183.86
TM1		℃	0	1	1,035.97	1,075.83	1,031.39	1,056.91	1,060.29	1,044.49	1,048.83	1,043.89	1,054.93	1,029.52	1,056.37	1,037.86	1,076.97	1,078.97	1,036.35	1,044.92
TM3		℃	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

12월 16일 굴뚝별 트랜드

					12-16 00:00	12-16 00:30	12-16 01:00	12-16 01:30	12-16 02:00	12-16 02:30	12-16 03:00	12-16 03:30	12-16 04:00	12-16 04:30	12-16 05:00	12-16 05:30	12-16 06:00	12-16 06:30	12-16 07:00	12-16 07:30
TSP	20	mg/Sm³	12	1	0.84	0.60	0.59	0.59	0.64	0.64	0.63	0.59	0.76	0.62	0.63	0.63	0.59	0.64	0.65	0.75
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.07	0.00	0.00	0.00	1.65	5.76	0.55	0.00	0.00
NOx	70	ppm	12	1	10.15	13.59	12.41	14.21	9.25	8.62	8.63	15.42	13.28	9.90	8.69	10.40	21.09	9.74	9.36	5.36
HCl	15	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.34	0.00	0.00	0.00	0.00	0.03	0.00	0.00
CO	50	ppm	12	1	0.63	0.26	0.38	0.37	0.49	0.52	0.57	0.27	0.52	0.45	0.68	0.56	0.17	0.39	0.54	1.92
O_2		%	0	0.1	10.31	6.46	6.03	5.93	7.08	7.24	6.96	6.22	9.56	7.13	7.37	7.21	6.41	7.51	7.78	9.41
FL1		Sm³	12	10	10,285	14,336	14,923	14,961	13,467	13,244	13,556	14,332	11,759	13,608	13,508	13,644	14,998	13,243	13,281	11,705
TMP		℃	0	1	183.62	183.46	184.08	184.81	184.69	183.76	183.30	183.33	183.36	183.61	184.00	183.26	183.61	184.23	184.64	184.15
TM1		℃	0	1	1,045.35	1,068.36	1,071.50	1,065.92	1,039.41	1,039.60	1,041.43	1,069.65	1,044.34	1,043.45	1,008.22	1,033.43	1,081.37	1,042.54	1,022.53	938.42
TM3		℃	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

					12-16 08:00	12-16 08:30	12-16 09:00	12-16 09:30	12-16 10:00	12-16 10:30	12-16 11:00	12-16 11:30	12-16 12:00	12-16 12:30	12-16 13:00	12-16 13:30	12-16 14:00	12-16 14:30	12-16 15:00	12-16 15:30
TSP	20	mg/Sm³	12	1	0.76	0.59	0.57	0.60	0.66	0.60	0.63	0.62	0.77	0.66	0.68	0.72	0.62	0.69	0.63	0.65
SOx	30	ppm	12	1	9.81	4.63	0.47	6.72	1.41	0.07	0.41	0.60	0.12	0.00	0.20	0.04	0.48	0.14	0.00	0.87
NOx	70	ppm	12	1	8.63	6.48	12.66	12.98	12.03	19.64	17.73	16.58	12.18	20.02	13.79	11.44	18.62	16.29	15.37	13.62
HCl	15	ppm	12	1	1.72	0.52	0.00	0.00	0.92	0.17	0.26	0.20	1.77	0.00	0.00	0.06	0.01	0.14	0.00	0.01
CO	50	ppm	12	1	0.86	0.44	0.20	0.33	0.13	0.10	0.24	6.99	0.33	0.05	0.30	0.40	0.13	0.46	0.14	6.37
O_2		%	0	0.1	9.27	6.55	5.81	6.59	8.07	6.80	7.22	6.92	10.11	7.87	8.32	9.07	7.23	8.22	7.50	7.86
FL1		Sm³	12	10	12,326	14,303	15,504	13,841	12,357	13,978	13,548	13,721	11,478	13,284	12,795	11,846	13,713	12,921	13,105	12,668
TMP		℃	0	1	183.42	184.35	185.51	185.49	184.52	184.45	184.84	184.41	183.10	183.39	184.59	184.37	182.77	184.02	183.78	183.51
TM1		℃	0	1	1,022.98	1,045.79	1,081.69	1,107.33	1,078.44	1,090.68	1,089.28	1,083.50	1,064.64	1,092.73	1,043.29	1,039.71	1,103.51	1,067.24	1,067.99	1,068.97
TM3		℃	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

					12-16 16:00	12-16 16:30	12-16 17:00	12-16 17:30	12-16 18:00	12-16 18:30	12-16 19:00	12-16 19:30	12-16 20:00	12-16 20:30	12-16 21:00	12-16 21:30	12-16 22:00	12-16 22:30	12-16 23:00	12-16 23:30
TSP	20	mg/Sm³	12	1	0.75	0.66	0.59	0.54	0.61	0.62	0.63	0.61	0.78	0.65	0.63	0.62	0.71	0.58	0.56	0.62
SOx	30	ppm	12	1	0.01	0.00	0.21	0.00	0.00	0.00	0.00	0.00	0.73	0.00	0.00	0.00	0.09	17.19	1.48	0.00
NOx	70	ppm	12	1	23.12	8.08	10.21	16.23	14.80	13.72	15.14	12.46	12.51	13.92	13.50	13.57	11.23	6.75	7.90	8.99
HCl	15	ppm	12	1	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	0.00	0.00	0.00	0.00	0.04	0.00	0.00
CO	50	ppm	12	1	2.06	0.89	18.41	0.56	0.26	0.47	0.47	0.51	0.78	0.57	0.59	0.65	1.85	3.54	1.30	0.62
O_2		%	0	0.1	8.31	8.19	6.78	5.48	6.93	7.11	7.12	6.73	9.45	7.49	7.42	7.37	8.83	6.02	5.71	6.93
FL1		Sm³	12	10	12,095	12,448	13,923	15,699	14,387	14,146	14,248	14,794	12,341	13,648	13,543	13,584	13,197	15,733	15,613	14,195
TMP		℃	0	1	183.64	183.66	182.96	183.75	185.06	185.73	185.86	186.16	186.25	186.20	184.86	183.42	184.29	185.70	186.50	186.18
TM1		℃	0	1	1,128.31	1,015.70	1,069.28	1,105.59	1,075.25	1,037.80	1,029.61	1,027.56	1,033.19	1,042.83	1,014.88	1,032.96	938.15	1,018.73	1,054.18	1,029.22
TM3		℃	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

12월 17일 굴뚝별 트랜드

					12-17 00:00	12-17 00:30	12-17 01:00	12-17 01:30	12-17 02:00	12-17 02:30	12-17 03:00	12-17 03:30	12-17 04:00	12-17 04:30	12-17 05:00	12-17 05:30	12-17 06:00	12-17 06:30	12-17 07:00	12-17 07:30
TSP	20	mg/Sm³	12	1	0.75	0.63	0.63	0.63	0.60	0.64	0.56	0.62	0.78	0.62	0.63	0.61	0.62	0.63	0.57	0.64
SOx	30	ppm	12	1	2.62	0.00	0.00	0.00	0.00	0.06	7.50	8.95	16.05	0.27	0.00	0.00	0.00	0.00	2.23	0.00
NOx	70	ppm	12	1	22.70	15.59	15.89	10.45	15.66	4.69	5.14	4.91	16.94	16.24	10.33	9.75	7.53	6.19	9.30	3.24
HCl	15	ppm	12	1	1.23	0.00	0.00	0.00	0.00	0.10	0.00	1.75	3.02	0.00	0.00	0.00	0.00	0.00	0.06	0.27
CO	50	ppm	12	1	0.36	0.29	0.46	0.65	0.49	1.01	17.09	15.41	80.67	0.18	0.54	0.54	0.53	0.68	0.54	1.21
O_2		%	0	0.1	8.11	6.97	7.00	7.31	6.46	7.53	5.38	6.94	9.16	7.14	7.23	6.77	7.02	7.27	5.76	7.64
FL1		Sm³	12	10	12,908	14,037	14,066	13,464	14,709	13,431	16,067	13,922	11,405	13,698	13,860	14,376	13,843	13,643	15,603	13,191
TMP		℃	0	1	186.27	186.77	186.25	184.78	184.79	185.02	185.38	185.56	185.50	185.42	185.42	185.49	185.05	184.18	184.23	185.04
TM1		℃	0	1	1,103.37	1,064.23	1,057.63	1,017.79	1,044.88	985.05	1,047.69	1,033.49	1,104.15	1,087.21	1,024.62	1,034.09	1,033.25	1,010.11	1,057.27	993.36
TM3		℃	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

					12-17 08:00	12-17 08:30	12-17 09:00	12-17 09:30	12-17 10:00	12-17 10:30	12-17 11:00	12-17 11:30	12-17 12:00	12-17 12:30	12-17 13:00	12-17 13:30	12-17 14:00	12-17 14:30	12-17 15:00	12-17 15:30
TSP	20	mg/Sm³	12	1	0.77	0.59	0.64	0.62	0.64	0.56	0.60	0.61	0.80	0.62	0.56	0.60	0.59	0.60	0.60	0.59
SOx	30	ppm	12	1	0.00	2.49	0.00	0.00	0.00	2.39	0.90	0.00	0.00	0.00	0.11	2.33	26.55	5.22	1.82	0.00
NOx	70	ppm	12	1	8.75	13.75	11.12	7.83	9.64	16.89	16.65	18.63	14.26	9.51	16.94	18.42	20.06	20.51	14.80	20.83
HCl	15	ppm	12	1	1.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00	1.03	3.21	3.54	2.59
CO	50	ppm	12	1	1.25	0.27	0.42	0.51	0.70	0.16	8.99	0.17	0.44	0.31	0.10	0.17	0.23	0.29	0.28	0.09
O_2		%	0	0.1	9.50	6.24	7.34	6.95	7.43	5.66	6.65	7.04	10.10	7.37	5.73	6.50	6.57	6.85	6.81	6.75
FL1		Sm³	12	10	12,298	15,584	14,281	14,006	13,922	16,280	14,955	14,411	11,202	14,204	16,447	15,311	15,077	14,866	14,748	14,772
TMP		℃	0	1	184.33	185.73	187.17	186.24	184.91	186.12	187.68	186.91	186.71	186.75	187.46	188.15	187.67	187.36	186.84	185.96
TM1		℃	0	1	1,031.35	1,070.85	1,034.88	1,033.25	1,017.71	1,096.33	1,077.31	1,072.11	1,047.79	1,015.55	1,076.89	1,071.97	1,068.25	1,043.83	1,047.59	1,059.93
TM3		℃	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

					12-17 16:00	12-17 16:30	12-17 17:00	12-17 17:30	12-17 18:00	12-17 18:30	12-17 19:00	12-17 19:30	12-17 20:00	12-17 20:30	12-17 21:00	12-17 21:30	12-17 22:00	12-17 22:30	12-17 23:00	12-17 23:30
TSP	20	mg/Sm³	12	1	0.77	0.52	0.61	0.60	0.69	0.60	0.63	0.62	0.76	0.68	0.69	0.58	0.60	0.63	0.67	0.58
SOx	30	ppm	12	1	0.00	1.87	0.08	0.08	0.00	0.33	1.88	0.06	6.71	0.17	0.00	2.69	0.38	0.00	0.26	1.03
NOx	70	ppm	12	1	18.67	22.81	13.39	17.54	10.75	13.41	14.34	19.34	25.22	15.98	9.14	19.42	17.88	14.41	14.55	23.94
HCl	15	ppm	12	1	5.59	0.00	0.00	0.00	0.16	0.01	0.49	0.09	2.62	2.34	0.24	0.36	0.00	0.00	0.18	0.34
CO	50	ppm	12	1	0.56	0.18	0.35	0.31	1.05	0.52	0.52	0.30	0.40	0.57	0.83	0.25	0.31	0.34	0.86	0.27
O_2		%	0	0.1	10.35	5.07	7.18	6.84	8.61	6.82	7.37	7.11	9.17	8.16	8.34	6.04	6.58	7.35	8.01	6.35
FL1		Sm³	12	10	11,604	16,957	14,192	14,692	12,582	14,862	14,328	14,394	12,247	13,061	13,096	15,475	14,966	13,865	13,294	15,561
TMP		℃	0	1	185.37	185.61	186.54	185.77	184.90	184.90	186.44	186.34	185.43	185.23	185.23	184.92	185.85	184.75	184.71	185.69
TM1		℃	0	1	1,017.93	1,100.79	1,046.49	1,052.01	982.09	1,031.22	1,049.94	1,053.67	1,076.37	1,038.17	1,000.77	1,090.49	1,086.01	1,045.99	1,035.71	1,067.35
TM3		℃	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