12월 18일 굴뚝별 트랜드

					12-18 00:00	12-18 00:30	12-18 01:00	12-18 01:30	12-18 02:00	12-18 02:30	12-18 03:00	12-18 03:30	12-18 04:00	12-18 04:30	12-18 05:00	12-18 05:30	12-18 06:00	12-18 06:30	12-18 07:00	12-18 07:30
TSP	20	mg/Sm³	12	1	0.80	0.65	0.59	0.65	0.65	0.58	0.64	0.63	0.76	0.63	0.64	0.62	0.57	0.61	0.57	0.57
SOx	30	ppm	12	1	3.74	0.14	0.94	0.01	0.00	0.91	4.41	0.00	2.01	0.00	0.14	0.00	0.12	0.38	0.33	0.00
NOx	70	ppm	12	1	30.26	13.10	17.87	13.87	13.43	19.55	11.13	10.67	22.16	17.83	16.38	10.57	13.76	11.12	15.45	18.16
HCl	15	ppm	12	1	4.68	1.29	1.45	1.87	1.66	0.45	2.26	1.17	2.70	0.07	0.01	0.00	0.00	0.01	0.00	0.00
CO	50	ppm	12	1	0.49	0.79	0.31	0.90	0.65	0.35	0.76	0.40	0.24	0.37	0.44	0.44	0.43	0.42	8.57	0.21
O_2		%	0	0.1	10.06	8.02	6.82	7.98	7.92	6.44	7.58	7.41	8.95	7.49	7.53	7.27	5.81	6.64	5.91	6.23
FL1		Sm³	12	10	11,280	13,100	14,718	13,190	13,179	14,830	13,696	13,911	12,643	13,957	13,903	14,061	16,139	15,133	14,711	14,249
TMP		℃	0	1	186.57	185.68	184.68	185.05	184.83	184.42	185.23	185.14	185.23	185.93	185.36	184.38	184.29	185.77	185.14	183.99
TM1		℃	0	1	1,063.99	1,004.87	1,050.19	1,018.53	1,034.55	1,083.89	1,053.82	1,029.21	1,079.67	1,039.97	1,042.38	1,018.19	1,061.07	1,037.57	1,092.75	1,085.67
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

					12-18 08:00	12-18 08:30	12-18 09:00	12-18 09:30	12-18 10:00	12-18 10:30	12-18 11:00	12-18 11:30	12-18 12:00	12-18 12:30	12-18 13:00	12-18 13:30	12-18 14:00	12-18 14:30	12-18 15:00	12-18 15:30
TSP	20	mg/Sm³	12	1	0.78	0.60	0.58	0.55	0.59	0.57	0.59	0.58	0.73	0.61	0.60	0.61	0.62	0.60	0.59	0.58
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.44	0.00	0.00	0.76	0.00	0.02	0.00	0.00	0.00	1.19	14.17
NOx	70	ppm	12	1	21.89	17.06	20.04	20.72	21.10	17.39	15.35	17.36	22.05	17.90	17.13	19.54	19.42	21.75	26.05	26.99
HCl	15	ppm	12	1	2.39	0.00	0.00	0.00	0.00	0.00	0.06	0.25	1.24	0.85	0.89	1.13	1.08	0.79	0.86	5.83
CO	50	ppm	12	1	0.33	0.34	0.23	0.28	1.14	12.36	2.06	0.25	9.45	0.28	0.37	0.28	0.32	0.22	0.17	0.22
O_2		%	0	0.1	9.93	6.99	6.40	5.81	6.84	6.53	6.93	6.62	8.31	7.38	7.14	7.35	7.73	7.17	7.05	6.84
FL1		Sm³	12	10	10,732	13,492	14,396	15,178	13,473	13,883	13,583	14,155	12,327	13,176	13,340	13,081	12,714	13,336	13,613	14,285
TMP		℃	0	1	183.53	183.19	182.92	183.81	183.64	183.28	183.38	183.97	184.51	184.18	184.03	183.70	183.29	182.91	182.93	183.99
TM1		℃	0	1	1,065.07	1,070.15	1,079.19	1,094.48	1,097.19	1,092.61	1,084.56	1,086.67	1,091.86	1,069.30	1,065.71	1,072.85	1,051.03	1,072.06	1,077.51	1,101.65
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

					12-18 16:00	12-18 16:30	12-18 17:00	12-18 17:30	12-18 18:00	12-18 18:30	12-18 19:00	12-18 19:30	12-18 20:00	12-18 20:30	12-18 21:00	12-18 21:30	12-18 22:00	12-18 22:30	12-18 23:00	12-18 23:30
TSP	20	mg/Sm³	12	1	0.76	0.68	0.60	0.62	0.62	0.67	0.62	0.83	0.78	0.61	0.60	0.58	0.54	0.61	0.57	0.55
SOx	30	ppm	12	1	1.01	0.01	0.00	0.00	0.00	0.21	4.36	2.50	3.27	3.39	0.13	0.16	0.75	0.00	0.15	0.75
NOx	70	ppm	12	1	28.72	17.23	25.67	19.65	18.27	15.48	15.12	15.47	12.84	16.32	13.09	11.25	16.51	12.73	12.77	14.24
HCl	15	ppm	12	1	5.99	1.47	0.02	0.10	0.33	1.57	0.39	2.64	0.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.35	0.49	0.30	0.66	0.49	1.44	4.36	3.01	37.39	0.75	6.93	10.66	5.12	1.24	3.86	10.51
O_2		%	0	0.1	10.41	8.87	7.18	7.40	7.56	8.27	7.31	9.66	10.05	7.03	6.56	6.15	5.41	7.03	6.31	5.44
FL1		Sm³	12	10	11,083	11,955	14,113	13,915	13,442	12,529	14,004	11,466	11,585	14,647	14,364	14,879	15,705	14,003	14,412	15,529
TMP		℃	0	1	184.86	184.56	184.77	185.64	185.74	184.46	184.16	185.35	183.86	184.42	185.41	185.42	185.28	185.61	185.27	185.57
TM1		℃	0	1	1,085.77	1,037.75	1,050.30	1,039.78	1,024.57	1,036.33	1,040.72	999.53	994.72	1,063.43	1,073.58	1,079.82	1,102.14	1,065.35	1,090.61	1,107.51
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 19일 굴뚝별 트랜드

					12-19 00:00	12-19 00:30	12-19 01:00	12-19 01:30	12-19 02:00	12-19 02:30	12-19 03:00	12-19 03:30	12-19 04:00	12-19 04:30	12-19 05:00	12-19 05:30	12-19 06:00	12-19 06:30	12-19 07:00	12-19 07:30
TSP	20	mg/Sm³	12	1	0.75	0.59	0.58	0.60	0.61	0.61	0.55	0.59	0.74	0.57	0.60	0.59	0.61	0.57	0.61	0.62
SOx	30	ppm	12	1	1.22	0.00	0.26	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
NOx	70	ppm	12	1	20.64	12.72	12.30	16.63	13.05	14.76	20.57	12.27	18.03	12.52	13.51	16.36	15.66	18.93	15.85	12.70
HCl	15	ppm	12	1	0.15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	0.00	0.00	0.00	0.00	0.00	0.01	0.00
CO	50	ppm	12	1	0.22	0.24	16.60	0.38	0.34	0.42	1.11	3.51	0.93	0.58	0.45	0.30	0.32	0.23	0.46	0.59
O_2		%	0	0.1	9.61	6.78	6.21	6.85	7.09	7.36	5.60	6.52	8.87	6.28	7.11	6.77	7.16	6.39	7.33	7.37
FL1		Sm³	12	10	11,434	13,616	14,499	13,445	13,334	13,024	15,149	14,105	11,769	14,491	13,525	13,980	13,451	14,111	13,228	13,062
TMP		℃	0	1	185.29	184.74	184.90	184.51	184.31	184.01	184.50	184.77	184.88	184.92	184.95	185.30	185.21	185.10	185.24	185.00
TM1		℃	0	1	1,104.44	1,112.77	1,096.79	1,103.43	1,071.53	1,072.53	1,107.63	1,067.03	1,086.59	1,074.93	1,052.44	1,075.97	1,066.09	1,077.78	1,057.41	1,052.80
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

					12-19 08:00	12-19 08:30	12-19 09:00	12-19 09:30	12-19 10:00	12-19 10:30	12-19 11:00	12-19 11:30	12-19 12:00	12-19 12:30	12-19 13:00	12-19 13:30	12-19 14:00	12-19 14:30	12-19 15:00	12-19 15:30
TSP	20	mg/Sm³	12	1	0.74	0.57	0.61	0.58	0.69	0.57	0.55	0.59	0.79	0.61	0.56	0.57	0.58	0.59	0.57	0.57
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.49	0.00	0.29	0.00	0.00	5.05	0.06
NOx	70	ppm	12	1	14.20	18.41	12.92	16.87	12.03	14.06	20.82	20.90	29.04	16.82	20.61	17.74	16.89	16.42	14.52	19.95
HCl	15	ppm	12	1	0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	0.82	0.22	0.70	0.92	0.97	1.47	1.42
CO	50	ppm	12	1	0.45	0.21	0.37	0.23	0.35	0.15	0.10	0.09	0.12	0.25	0.20	0.17	0.31	0.29	25.28	0.21
O_2		%	0	0.1	9.62	6.28	7.24	6.85	7.30	6.79	6.09	6.37	10.23	7.01	6.22	6.53	6.83	7.01	6.40	6.57
FL1		Sm³	12	10	11,486	14,578	13,647	13,913	12,900	13,569	14,815	14,252	10,717	13,628	14,743	14,185	14,058	13,754	14,452	14,412
TMP		℃	0	1	184.53	184.96	185.63	185.59	184.24	183.83	184.69	184.92	185.10	185.33	186.02	186.19	186.07	186.33	186.48	186.80
TM1		℃	0	1	1,056.09	1,083.07	1,050.64	1,068.98	1,066.35	1,100.11	1,107.71	1,099.57	1,084.21	1,079.64	1,088.26	1,087.48	1,068.27	1,068.60	1,086.59	1,092.59
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

					12-19 16:00	12-19 16:30	12-19 17:00	12-19 17:30	12-19 18:00	12-19 18:30	12-19 19:00	12-19 19:30	12-19 20:00	12-19 20:30	12-19 21:00	12-19 21:30	12-19 22:00	12-19 22:30	12-19 23:00	12-19 23:30
TSP	20	mg/Sm³	12	1	0.75	0.59	0.58	0.60	0.61	0.62	0.61	0.64	0.77	0.61	0.59	0.59	0.61	0.58	0.60	0.57
SOx	30	ppm	12	1	0.00	0.07	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
NOx	70	ppm	12	1	15.21	19.64	19.92	16.74	17.86	16.49	16.70	14.26	28.56	20.18	16.26	16.57	16.25	16.03	12.82	14.64
HCl	15	ppm	12	1	2.85	0.02	0.00	0.07	0.22	0.27	0.06	0.34	1.12	0.07	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.50	0.26	0.21	0.42	0.43	0.43	0.35	0.58	0.37	0.38	0.44	0.37	0.38	0.60	5.03	0.38
O_2		%	0	0.1	9.90	6.92	6.80	7.29	7.39	7.52	7.21	7.95	9.90	6.89	6.61	7.07	7.40	6.68	7.04	6.47
FL1		Sm³	12	10	11,431	14,074	14,290	13,574	13,579	13,455	13,742	13,022	11,876	15,020	14,141	13,558	13,202	14,107	13,836	14,051
TMP		℃	0	1	186.68	186.88	187.30	186.88	186.49	186.61	186.78	186.36	186.56	187.66	186.61	185.10	185.19	185.47	185.46	185.38
TM1		℃	0	1	1,067.79	1,084.53	1,089.40	1,058.70	1,056.98	1,053.93	1,065.56	1,045.18	1,078.71	1,076.13	1,078.47	1,073.55	1,062.50	1,070.33	1,034.66	1,073.12
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.34	36.35	36.35	36.35	36.34	36.33	36.33	36.33	36.32	36.32

12월 20일 굴뚝별 트랜드

					12-20 00:00	12-20 00:30	12-20 01:00	12-20 01:30	12-20 02:00	12-20 02:30	12-20 03:00	12-20 03:30	12-20 04:00	12-20 04:30	12-20 05:00	12-20 05:30	12-20 06:00	12-20 06:30	12-20 07:00	12-20 07:30
TSP	20	mg/Sm³	12	1	0.77	0.58	0.59	0.63	0.59	0.61	0.58	0.61	0.75	0.61	0.60	0.62	0.66	0.61	0.64	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.05	2.39	0.26	0.02	0.00	0.00	0.09	0.27	1.72	0.00	0.00	0.00	0.14
NOx	70	ppm	12	1	21.88	12.12	15.88	9.54	14.57	15.50	16.22	17.10	19.19	13.95	12.06	14.02	10.17	14.22	12.27	13.94
HCl	15	ppm	12	1	0.68	0.00	0.00	0.00	0.07	0.62	1.60	2.02	1.85	0.60	0.14	0.02	0.55	0.00	0.02	0.06
CO	50	ppm	12	1	0.57	0.65	0.39	4.75	16.84	0.74	0.42	0.36	0.75	0.38	16.28	18.88	0.86	0.63	0.98	0.71
O_2		%	0	0.1	9.60	6.64	6.92	7.54	6.70	7.03	6.42	7.07	8.96	7.06	6.87	7.09	8.24	7.13	7.81	6.70
FL1		Sm³	12	10	11,349	13,961	13,748	13,083	14,090	13,688	14,073	13,313	11,618	13,289	13,681	13,530	12,285	13,650	13,010	14,207
TMP		℃	0	1	185.85	185.62	185.56	185.77	185.78	185.94	185.80	185.66	185.48	185.66	185.18	185.09	185.04	185.32	185.89	186.05
TM1		℃	0	1	1,058.78	1,062.41	1,080.03	1,037.87	1,085.21	1,059.51	1,089.97	1,092.90	1,083.10	1,096.71	1,073.11	1,067.15	1,044.68	1,055.70	1,024.41	1,052.95
TM3		℃	0	1	36.33	36.33	36.33	36.33	36.33	36.32	36.33	36.33	36.32	36.32	36.32	36.32	36.32	36.33	36.34	36.34

					12-20 08:00	12-20 08:30	12-20 09:00	12-20 09:30	12-20 10:00	12-20 10:30	12-20 11:00	12-20 11:30	12-20 12:00	12-20 12:30	12-20 13:00	12-20 13:30	12-20 14:00	12-20 14:30	12-20 15:00	12-20 15:30
TSP	20	mg/Sm³	12	1	0.77	0.61	0.56	0.46	0.45	0.45	0.46	0.45	0.45	0.45	0.45	0.70	0.93	0.45	0.44	0.45
SOx	30	ppm	12	1	0.17	0.00	0.03	0.25	0.15	3.82	34.59	1.37	0.60	0.00	5.91	20.91	26.78	0.00	0.05	0.00
NOx	70	ppm	12	1	19.51	18.36	13.47	0.62	0.62	8.76	72.98	0.98	0.37	0.40	0.73	22.80	56.43	27.98	28.24	31.28
HCl	15	ppm	12	1	1.66	0.38	0.52	0.31	0.16	3.72	12.50	0.02	0.11	0.12	0.71	8.50	5.57	5.93	5.55	4.54
CO	50	ppm	12	1	0.79	0.42	0.28	0.02	0.01	11.13	93.08	0.00	0.00	0.02	18.07	64.96	71.19	0.45	0.56	0.49
O_2		%	0	0.1	9.74	6.88	10.28	20.90	20.90	11.10	4.52	21.29	21.34	21.14	20.22	9.18	1.56	7.08	6.31	6.54
FL1		Sm³	12	10	11,563	13,941	15,984	18,605	18,135	18,187	18,292	18,064	18,872	18,556	18,531	13,701	8,847	9,020	8,999	9,106
TMP		℃	0	1	186.03	186.34	186.52	186.46	185.77	184.88	185.30	184.74	184.96	185.82	185.33	185.48	184.79	184.73	185.19	185.60
TM1		℃	0	1	1,038.73	1,061.92	1,069.92	1,057.21	1,091.64	1,052.79	1,116.28	1,046.99	1,083.72	1,080.20	1,075.37	1,053.21	1,078.27	1,077.42	1,088.15	1,066.33
TM3		℃	0	1	36.33	36.33	36.33	36.34	36.34	36.35	36.36	36.36	36.36	36.36	36.36	36.37	36.36	36.36	36.36	36.36

					12-20 16:00	12-20 16:30	12-20 17:00	12-20 17:30	12-20 18:00	12-20 18:30	12-20 19:00	12-20 19:30	12-20 20:00	12-20 20:30	12-20 21:00	12-20 21:30	12-20 22:00	12-20 22:30	12-20 23:00	12-20 23:30
TSP	20	mg/Sm³	12	1	0.57	0.57	0.60	0.60	0.56	0.62	0.62	0.58	0.80	0.68	0.57	0.56	0.59	0.61	0.63	0.65
SOx	30	ppm	12	1	0.24	0.00	0.00	0.30	0.22	0.24	0.22	2.90	0.00	0.00	1.55	0.02	0.00	1.22	1.48	0.03
NOx	70	ppm	12	1	25.70	17.95	17.17	17.68	23.36	18.68	17.10	21.56	17.59	14.75	21.02	14.51	13.02	12.40	17.99	17.63
HCl	15	ppm	12	1	3.59	3.64	3.83	3.48	4.04	8.82	5.45	5.20	8.71	2.67	1.75	4.09	3.22	4.66	4.76	6.29
CO	50	ppm	12	1	3.00	0.33	0.37	0.40	0.23	0.84	19.11	16.85	0.99	0.96	9.35	1.06	0.80	17.64	0.54	0.65
O_2		%	0	0.1	9.31	6.65	7.25	6.99	6.21	7.16	7.21	5.98	10.34	8.30	5.87	5.71	6.20	6.57	7.09	7.27
FL1		Sm³	12	10	12,288	14,078	13,314	13,874	14,948	13,749	13,924	15,410	11,395	12,616	15,427	14,965	14,651	13,964	14,531	14,465
TMP		℃	0	1	185.78	185.49	184.56	184.54	184.99	185.05	184.88	184.91	184.87	184.14	183.71	184.36	184.56	184.26	184.91	186.11
TM1		℃	0	1	1,067.35	1,068.89	1,069.61	1,072.95	1,087.44	1,059.31	1,063.62	1,093.67	1,025.71	1,013.66	1,098.41	1,094.51	1,061.43	1,062.73	1,046.56	1,040.37
TM3		℃	0	1	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36	36.36