1월 16일 굴뚝별 트랜드

					01-16 00:00	01-16 00:30	01-16 01:00	01-16 01:30	01-16 02:00	01-16 02:30	01-16 03:00	01-16 03:30	01-16 04:00	01-16 04:30	01-16 05:00	01-16 05:30	01-16 06:00	01-16 06:30	01-16 07:00	01-16 07:30
TSP	20	mg/Sm³	12	1	0.66	0.50	0.49	0.51	0.49	0.48	0.49	0.51	0.64	0.50	0.52	0.45	0.54	0.45	0.51	0.53
SOx	30	ppm	12	1	0.05	0.00	0.00	0.00	0.00	0.00	0.07	0.00	1.44	0.13	0.00	0.07	0.00	3.97	0.00	0.00
NOx	70	ppm	12	1	23.89	19.76	21.57	20.24	24.01	24.51	27.39	22.38	25.35	21.60	19.90	22.52	17.36	23.58	24.06	18.14
HCl	15	ppm	12	1	0.18	0.00	0.00	0.20	0.11	0.37	0.32	0.88	0.86	0.05	0.00	0.00	0.74	1.35	0.99	0.87
CO	50	ppm	12	1	0.41	0.45	0.27	0.33	0.36	0.28	0.31	0.35	0.49	1.45	0.42	0.34	0.65	28.44	0.37	0.77
O_2		%	0	0.1	9.80	7.23	6.49	7.01	6.67	6.13	6.37	7.11	8.82	6.88	7.62	5.73	8.33	5.68	7.65	8.29
FL1		Sm³	12	10	11,644	14,835	15,671	14,982	15,600	16,080	15,863	14,823	12,287	15,223	14,208	16,411	13,363	16,396	13,874	13,232
TMP		℃	0	1	184.33	184.00	184.64	185.00	184.84	185.53	185.63	185.46	184.81	183.95	183.76	184.17	184.26	184.28	184.55	184.16
TM1		℃	0	1	1,077.31	1,032.86	1,052.33	1,061.26	1,038.46	1,088.37	1,073.25	1,068.56	1,086.20	1,050.33	1,030.71	1,057.20	1,029.23	1,089.03	1,057.91	1,033.19
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

					01-16 08:00	01-16 08:30	01-16 09:00	01-16 09:30	01-16 10:00	01-16 10:30	01-16 11:00	01-16 11:30	01-16 12:00	01-16 12:30	01-16 13:00	01-16 13:30	01-16 14:00	01-16 14:30	01-16 15:00	01-16 15:30
TSP	20	mg/Sm³	12	1	0.63	0.48	0.50	0.51	0.50	0.54	0.48	0.55	0.63	0.52	0.51	0.51	0.52	0.54	0.53	0.54
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.70	0.04	0.05	0.55	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	29.12	19.13	20.60	23.14	24.28	20.70	24.78	21.08	42.81	25.40	23.75	26.19	24.68	23.99	21.58	20.94
HCl	15	ppm	12	1	1.96	1.01	2.86	1.99	1.11	1.06	0.40	0.76	1.50	1.40	3.25	1.21	0.39	0.50	0.29	0.00
CO	50	ppm	12	1	0.90	0.56	0.53	0.68	0.49	0.64	0.24	0.75	0.48	0.37	0.45	0.33	0.41	0.57	0.59	0.98
O_2		%	0	0.1	10.03	6.77	7.44	7.66	7.18	8.20	6.59	8.57	9.08	7.62	7.53	7.67	7.80	8.23	8.32	8.37
FL1		Sm³	12	10	11,882	15,102	14,296	14,156	14,468	13,641	15,199	13,045	11,977	13,879	14,067	13,948	14,102	13,335	13,133	13,654
TMP		℃	0	1	183.21	183.10	183.97	184.18	183.98	183.82	183.83	183.78	183.29	183.72	182.97	182.53	182.67	183.15	182.71	182.54
TM1		℃	0	1	1,022.43	1,040.67	1,045.50	1,039.40	1,060.65	1,027.03	1,074.07	1,019.15	1,090.57	1,070.85	1,066.44	1,056.74	1,053.72	1,051.47	1,029.19	998.70
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

					01-16 16:00	01-16 16:30	01-16 17:00	01-16 17:30	01-16 18:00	01-16 18:30	01-16 19:00	01-16 19:30	01-16 20:00	01-16 20:30	01-16 21:00	01-16 21:30	01-16 22:00	01-16 22:30	01-16 23:00	01-16 23:30
TSP	20	mg/Sm³	12	1	0.62	0.48	0.48	0.58	0.48	0.54	0.50	0.53	0.62	0.48	0.50	0.59	0.45	0.43	0.54	0.46
SOx	30	ppm	12	1	0.00	0.00	0.46	0.09	0.00	0.00	0.00	0.00	0.37	0.55	0.15	0.00	1.27	6.56	0.00	0.27
NOx	70	ppm	12	1	19.40	23.34	23.30	21.32	25.50	17.89	18.67	18.19	25.88	22.95	17.03	23.83	16.46	17.68	18.23	21.11
HCl	15	ppm	12	1	0.65	0.34	0.82	1.73	0.17	0.71	0.37	0.87	0.46	0.15	1.56	1.07	0.60	4.72	3.21	0.45
CO	50	ppm	12	1	1.20	0.25	0.20	0.67	0.27	0.59	0.38	0.35	0.48	0.58	0.62	2.07	0.62	0.95	0.59	0.33
O_2		%	0	0.1	9.95	6.75	6.87	9.27	6.99	8.41	7.45	8.18	9.53	6.84	7.09	8.79	5.94	4.93	8.15	5.82
FL1		Sm³	12	10	11,561	14,736	14,502	11,979	14,442	13,112	14,123	13,037	12,030	14,833	14,656	13,181	16,029	16,979	13,145	15,976
TMP		℃	0	1	181.90	182.15	182.67	182.90	181.51	181.75	182.61	182.50	182.03	182.69	183.91	183.35	182.65	184.75	184.71	183.32
TM1		℃	0	1	1,012.87	1,051.76	1,082.26	1,052.55	1,045.16	1,030.27	1,032.83	1,018.05	1,051.36	1,036.25	1,071.35	958.33	1,022.63	1,103.33	1,030.59	1,065.31
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

1월 17일 굴뚝별 트랜드

					01-17 00:00	01-17 00:30	01-17 01:00	01-17 01:30	01-17 02:00	01-17 02:30	01-17 03:00	01-17 03:30	01-17 04:00	01-17 04:30	01-17 05:00	01-17 05:30	01-17 06:00	01-17 06:30	01-17 07:00	01-17 07:30
TSP	20	mg/Sm³	12	1	0.61	0.46	0.47	0.51	0.49	0.42	0.49	0.46	0.65	0.45	0.49	0.45	0.50	0.51	0.51	0.48
SOx	30	ppm	12	1	1.59	0.14	1.34	0.03	0.09	6.04	2.43	0.00	0.00	8.71	0.24	11.08	0.00	0.00	0.00	0.17
NOx	70	ppm	12	1	20.86	20.79	21.39	17.31	18.83	22.83	21.97	21.04	26.99	24.75	20.58	23.84	26.26	22.92	19.50	16.29
HCl	15	ppm	12	1	3.40	1.69	4.71	4.59	3.64	3.43	8.60	2.53	2.30	1.66	3.19	3.31	1.24	0.46	0.29	0.74
CO	50	ppm	12	1	0.61	0.36	0.36	0.79	0.48	1.52	1.49	0.36	0.65	22.99	0.38	32.32	0.42	0.52	0.79	11.89
O_2		%	0	0.1	8.56	5.92	6.24	7.73	6.95	4.54	6.64	6.13	10.97	6.06	7.10	5.39	7.53	7.85	7.88	6.92
FL1		Sm³	12	10	12,676	15,800	15,442	13,684	14,431	17,651	15,015	15,481	10,820	15,722	14,217	15,914	13,715	13,414	13,608	14,442
TMP		℃	0	1	183.92	184.46	184.39	183.97	183.20	184.15	185.25	184.73	183.81	182.71	182.81	182.94	182.39	182.20	182.13	182.06
TM1		℃	0	1	1,084.34	1,081.37	1,082.50	1,025.86	1,031.80	1,103.08	1,102.06	1,097.63	1,048.13	1,060.61	1,094.33	1,124.08	1,098.42	1,067.59	1,028.17	1,067.98
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

					01-17 08:00	01-17 08:30	01-17 09:00	01-17 09:30	01-17 10:00	01-17 10:30	01-17 11:00	01-17 11:30	01-17 12:00	01-17 12:30	01-17 13:00	01-17 13:30	01-17 14:00	01-17 14:30	01-17 15:00	01-17 15:30
TSP	20	mg/Sm³	12	1	0.62	0.45	0.51	0.51	0.50	0.48	0.53	0.53	0.62	0.49	0.51	0.51	0.52	0.50	0.52	0.49
SOx	30	ppm	12	1	0.00	0.00	0.54	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.28	0.27	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	21.16	17.68	20.83	17.80	17.79	22.89	18.98	19.26	23.50	21.12	20.84	25.21	16.82	15.76	16.89	19.36
HCl	15	ppm	12	1	0.58	0.14	1.10	1.35	0.41	0.30	0.51	0.29	0.95	0.26	1.66	0.51	2.45	0.19	0.01	0.01
CO	50	ppm	12	1	0.66	0.40	0.57	0.69	0.46	0.31	0.87	0.48	0.49	2.82	0.53	0.38	0.51	0.89	0.61	0.44
O_2		%	0	0.1	10.50	6.02	7.34	7.84	7.50	6.74	7.82	7.62	10.08	7.05	7.43	7.31	7.91	7.64	8.08	6.99
FL1		Sm³	12	10	11,503	15,946	14,359	13,786	14,176	14,876	13,823	14,159	12,010	14,890	14,141	14,429	13,631	13,944	13,562	14,910
TMP		℃	0	1	182.36	182.81	183.52	182.94	182.73	182.89	182.56	182.43	183.41	183.79	184.03	183.77	183.06	183.05	182.66	182.49
TM1		℃	0	1	1,019.81	1,071.73	1,047.18	1,048.00	1,055.11	1,080.60	1,027.70	1,043.43	1,072.78	1,066.71	1,079.68	1,053.71	1,046.74	1,037.27	1,009.51	1,037.72
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

					01-17 16:00	01-17 16:30	01-17 17:00	01-17 17:30	01-17 18:00	01-17 18:30	01-17 19:00	01-17 19:30	01-17 20:00	01-17 20:30	01-17 21:00	01-17 21:30	01-17 22:00	01-17 22:30	01-17 23:00	01-17 23:30
TSP	20	mg/Sm³	12	1	0.63	0.52	0.50	0.46	0.52	0.53	0.53	0.55	0.65	0.54	0.49	0.47	0.53	0.46	0.49	0.52
SOx	30	ppm	12	1	0.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.49	5.35	0.65	0.01	0.27	0.00
NOx	70	ppm	12	1	30.35	14.65	18.69	14.83	13.26	13.95	14.78	13.17	15.87	15.75	21.14	21.16	15.64	19.64	20.05	21.89
HCl	15	ppm	12	1	0.80	0.13	0.06	0.39	1.43	0.67	0.01	0.46	1.93	0.39	3.38	7.40	11.65	0.71	3.71	4.06
CO	50	ppm	12	1	0.77	0.58	0.49	0.29	0.46	0.73	0.75	0.63	0.43	0.57	0.35	0.38	0.48	0.20	0.22	0.24
O_2		%	0	0.1	9.00	7.77	7.20	6.19	7.59	8.39	8.42	8.62	10.75	8.27	7.02	5.97	7.92	6.14	6.73	7.46
FL1		Sm³	12	10	12,451	13,939	14,638	15,869	13,976	12,583	12,232	12,240	10,448	12,968	15,384	16,770	13,116	15,703	15,407	14,551
TMP		℃	0	1	184.32	184.50	183.54	183.92	184.81	183.98	182.74	182.57	182.98	183.66	183.24	185.48	184.47	181.35	183.38	185.07
TM1		℃	0	1	1,087.33	1,036.31	1,022.96	1,063.82	1,045.50	995.21	992.88	1,002.27	1,031.17	1,008.10	1,062.00	1,088.05	1,053.91	1,082.77	1,092.12	1,072.38
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

1월 18일 굴뚝별 트랜드

					01-18 00:00	01-18 00:30	01-18 01:00	01-18 01:30	01-18 02:00	01-18 02:30	01-18 03:00	01-18 03:30	01-18 04:00	01-18 04:30	01-18 05:00	01-18 05:30	01-18 06:00	01-18 06:30	01-18 07:00	01-18 07:30
TSP	20	mg/Sm³	12	1	0.67	0.52	0.51	0.49	0.53	0.53	0.52	0.55	0.65	0.53	0.50	0.48	0.51	0.49	0.53	0.54
SOx	30	ppm	12	1	0.00	0.00	0.00	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.17	1.09	0.73	0.00	0.00
NOx	70	ppm	12	1	25.62	22.91	18.21	25.16	21.90	20.51	18.56	24.87	30.36	24.80	23.42	24.34	19.12	21.30	23.33	17.93
HCl	15	ppm	12	1	3.62	0.58	1.83	2.42	2.40	1.25	0.70	0.76	1.34	0.47	1.64	4.22	7.76	4.32	4.39	3.32
CO	50	ppm	12	1	0.50	0.48	0.39	0.23	0.35	0.60	0.52	0.73	0.42	0.41	0.40	0.32	0.52	0.39	0.90	0.88
O_2		%	0	0.1	10.95	7.65	7.30	6.76	7.89	8.11	7.96	8.12	9.81	7.93	7.06	6.47	7.43	6.63	7.81	7.93
FL1		Sm³	12	10	11,195	14,408	14,937	15,345	13,729	13,536	13,869	13,820	12,002	13,897	15,084	15,712	14,522	15,571	14,246	14,030
TMP		℃	0	1	184.96	184.15	184.25	184.82	184.40	183.56	183.04	183.50	183.91	184.35	184.10	184.70	184.76	184.83	184.95	185.14
TM1		℃	0	1	1,043.64	1,029.05	1,047.01	1,084.33	1,063.29	1,036.62	1,039.59	1,007.83	1,077.21	1,027.18	1,049.82	1,072.82	1,054.10	1,066.00	1,029.15	1,027.20
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

					01-18 08:00	01-18 08:30	01-18 09:00	01-18 09:30	01-18 10:00	01-18 10:30	01-18 11:00	01-18 11:30	01-18 12:00	01-18 12:30	01-18 13:00	01-18 13:30	01-18 14:00	01-18 14:30	01-18 15:00	01-18 15:30
TSP	20	mg/Sm³	12	1	0.63	0.50	0.45	0.47	0.50	0.53	0.47	0.50	0.61	0.49	0.48	0.50	0.45	0.45	0.50	0.46
SOx	30	ppm	12	1	0.11	0.00	1.97	0.29	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.81	0.00	0.00
NOx	70	ppm	12	1	32.48	17.11	25.49	25.42	22.15	20.39	23.58	19.54	25.16	16.35	20.10	18.15	20.02	20.65	19.02	17.45
HCl	15	ppm	12	1	2.49	0.55	2.16	0.92	1.25	0.31	0.50	0.46	0.65	0.00	0.00	1.41	0.51	0.82	2.32	0.32
CO	50	ppm	12	1	0.81	0.58	0.37	0.74	0.56	0.62	0.32	0.49	0.44	0.39	1.69	1.21	2.77	0.27	0.45	0.47
O_2		%	0	0.1	9.28	7.61	5.93	6.64	7.57	8.34	7.06	7.73	10.07	7.27	6.83	7.50	6.18	6.40	7.85	6.72
FL1		Sm³	12	10	12,288	13,976	15,958	15,466	14,066	13,214	14,682	13,893	11,923	14,361	15,104	14,141	15,531	15,347	13,629	15,004
TMP		℃	0	1	184.88	184.46	183.97	184.01	182.81	182.50	183.17	183.93	184.01	184.12	184.22	184.37	184.10	183.94	183.14	183.22
TM1		℃	0	1	1,048.41	1,026.94	1,085.39	1,085.82	1,042.75	1,038.31	1,051.46	1,016.96	1,041.01	1,039.53	1,028.43	1,042.61	1,075.32	1,069.68	1,049.60	1,049.69
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

					01-18 16:00	01-18 16:30	01-18 17:00	01-18 17:30	01-18 18:00	01-18 18:30	01-18 19:00	01-18 19:30	01-18 20:00	01-18 20:30	01-18 21:00	01-18 21:30	01-18 22:00	01-18 22:30	01-18 23:00	01-18 23:30
TSP	20	mg/Sm³	12	1	0.58	0.45	0.50	0.43	0.51	0.54	0.51	0.48	0.61	0.44	0.52	0.50	0.52	0.57	0.51	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.07	0.00	0.00	0.00	6.46	1.22	3.48	0.08	0.56	0.12	1.23	0.01	0.00
NOx	70	ppm	12	1	29.51	22.52	18.20	18.57	17.76	17.33	20.11	17.52	24.92	23.94	20.29	15.35	24.52	20.56	22.20	22.65
HCl	15	ppm	12	1	0.78	0.02	1.05	0.36	1.33	0.79	0.30	9.32	9.21	4.35	7.39	7.40	3.59	12.21	4.46	2.49
CO	50	ppm	12	1	0.41	0.19	0.57	3.02	0.49	1.12	0.72	0.42	0.37	0.15	0.47	0.50	0.32	0.79	0.39	0.19
O_2		%	0	0.1	8.92	6.15	7.87	5.65	7.90	8.24	7.56	6.80	9.19	5.62	7.65	7.53	7.81	8.43	7.11	5.67
FL1		Sm³	12	10	12,643	15,640	13,548	16,364	13,674	13,174	14,515	14,986	11,753	16,133	14,171	13,951	14,259	14,281	15,311	16,497
TMP		℃	0	1	183.68	184.05	183.74	183.10	183.52	183.21	181.63	182.39	182.11	181.79	183.09	183.50	182.86	184.31	185.55	183.72
TM1		℃	0	1	1,064.90	1,085.45	1,046.51	1,060.59	1,026.63	992.19	986.02	1,027.89	1,066.55	1,086.15	1,053.40	1,038.96	1,024.93	1,027.13	1,022.01	1,084.63
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