1월 29일 굴뚝별 트랜드

					01-29 00:00	01-29 00:30	01-29 01:00	01-29 01:30	01-29 02:00	01-29 02:30	01-29 03:00	01-29 03:30	01-29 04:00	01-29 04:30	01-29 05:00	01-29 05:30	01-29 06:00	01-29 06:30	01-29 07:00	01-29 07:30
TSP	20	mg/Sm³	12	1	0.76	0.63	0.57	0.60	0.66	0.64	0.61	0.61	0.81	0.62	0.62	0.68	0.64	0.66	0.61	0.57
SOx	30	ppm	12	1	0.00	0.00	8.55	0.00	0.00	0.00	0.60	0.36	0.02	0.00	0.00	0.00	2.99	0.03	0.00	2.28
NOx	70	ppm	12	1	17.59	10.92	19.31	17.06	10.26	13.68	14.83	11.30	18.01	13.36	13.66	10.46	16.50	9.16	13.90	17.79
HCl	15	ppm	12	1	2.61	0.00	0.01	0.00	0.00	0.00	0.00	0.01	3.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.60	0.42	0.39	0.29	0.62	0.40	10.58	0.34	0.36	0.33	0.22	0.49	0.51	0.54	0.39	0.36
O_2		%	0	0.1	9.47	7.52	5.86	6.33	7.54	7.03	6.36	6.58	9.43	6.86	6.79	7.96	7.00	7.61	6.64	5.31
FL1		Sm³	12	10	11,666	13,694	15,861	14,964	13,427	14,158	14,761	14,446	11,086	13,985	14,373	13,037	14,729	13,239	14,511	16,201
TMP		℃	0	1	184.36	184.04	185.43	186.73	186.28	185.14	184.91	185.93	185.95	185.16	185.30	185.82	185.62	185.25	184.62	185.43
TM1		℃	0	1	1,041.50	1,031.99	1,084.42	1,048.01	1,009.85	1,030.57	1,063.60	1,041.20	1,067.43	1,059.24	1,056.18	1,006.07	1,039.63	1,013.89	1,054.77	1,084.29
TM3		℃	0	1	36.51	36.51	36.50	36.50	36.50	36.48	36.48	36.48	36.48	36.49	36.48	36.48	36.49	36.48	36.48	36.48

					01-29 08:00	01-29 08:30	01-29 09:00	01-29 09:30	01-29 10:00	01-29 10:30	01-29 11:00	01-29 11:30	01-29 12:00	01-29 12:30	01-29 13:00	01-29 13:30	01-29 14:00	01-29 14:30	01-29 15:00	01-29 15:30
TSP	20	mg/Sm³	12	1	0.82	0.64	0.57	0.62	0.62	0.63	0.65	0.62	0.80	0.61	0.59	0.62	0.57	0.56	0.63	0.65
SOx	30	ppm	12	1	2.72	0.79	1.55	1.69	0.05	0.00	0.00	0.09	0.00	0.00	3.96	4.14	0.14	1.15	4.68	0.03
NOx	70	ppm	12	1	23.80	14.89	22.15	13.90	15.72	18.30	12.45	19.11	25.46	19.82	20.23	16.47	18.77	17.80	14.81	12.09
HCl	15	ppm	12	1	3.65	0.06	0.03	3.02	3.00	2.05	4.14	2.89	7.21	0.05	0.37	4.07	3.14	4.32	5.95	7.21
CO	50	ppm	12	1	0.30	0.71	0.29	1.44	0.37	0.37	0.48	0.32	0.42	0.30	2.54	1.42	0.31	7.65	16.32	0.56
O_2		%	0	0.1	9.44	7.27	5.65	6.88	7.21	6.54	7.50	6.98	9.61	6.99	6.67	7.47	6.47	6.05	7.51	8.14
FL1		Sm³	12	10	11,176	13,794	15,674	14,083	13,754	14,661	13,275	13,859	11,277	13,870	14,156	12,875	13,905	14,199	12,654	12,053
TMP		℃	0	1	186.67	185.66	185.12	185.66	185.96	185.67	185.65	185.72	185.93	186.18	185.98	185.74	185.01	184.97	184.86	184.54
TM1		℃	0	1	1,062.13	1,050.58	1,103.84	1,058.65	1,049.29	1,066.81	1,028.02	1,055.51	1,064.59	1,061.15	1,065.19	1,050.69	1,090.85	1,107.55	1,081.13	1,042.60
TM3		℃	0	1	36.49	36.49	36.50	36.51	36.51	36.51	36.50	36.50	36.49	36.49	36.49	36.49	36.48	36.48	36.48	36.48

					01-29 16:00	01-29 16:30	01-29 17:00	01-29 17:30	01-29 18:00	01-29 18:30	01-29 19:00	01-29 19:30	01-29 20:00	01-29 20:30	01-29 21:00	01-29 21:30	01-29 22:00	01-29 22:30	01-29 23:00	01-29 23:30
TSP	20	mg/Sm³	12	1	0.77	0.57	0.60	0.61	0.60	0.69	0.65	0.66	0.80	0.66	0.64	0.64	0.65	0.65	0.65	0.68
SOx	30	ppm	12	1	4.92	1.43	0.00	0.00	12.72	1.49	4.27	1.47	0.11	2.59	0.52	0.29	1.42	0.90	2.52	0.24
NOx	70	ppm	12	1	23.38	21.83	18.11	18.69	15.51	17.77	19.79	17.74	22.38	20.90	17.78	19.99	17.22	17.36	15.16	13.79
HCl	15	ppm	12	1	10.32	4.07	2.29	3.16	10.73	7.90	9.80	6.72	12.35	3.24	1.76	2.39	8.60	10.63	8.75	7.50
CO	50	ppm	12	1	0.32	0.31	0.31	0.35	26.26	1.15	0.57	0.91	0.62	0.55	0.83	0.55	0.65	0.58	3.03	8.38
O_2		%	0	0.1	8.80	6.30	7.03	7.25	6.74	8.40	7.72	7.70	9.98	7.82	7.54	7.42	7.63	7.81	7.69	8.24
FL1		Sm³	12	10	11,274	14,506	13,708	13,355	13,513	12,978	13,847	14,104	11,817	13,864	14,066	14,323	13,743	13,238	13,238	12,654
TMP		℃	0	1	184.83	186.03	186.79	186.74	186.16	185.94	186.91	187.96	187.99	188.21	187.66	187.66	187.61	186.95	185.91	185.53
TM1		℃	0	1	1,097.43	1,084.19	1,048.87	1,042.51	1,090.58	1,020.49	1,031.52	1,025.10	1,043.83	1,018.73	1,023.46	1,030.73	1,021.88	1,029.08	1,039.74	1,019.32
TM3		℃	0	1	36.48	36.48	36.48	36.48	36.48	36.48	36.49	36.48	36.48	36.48	36.48	36.49	36.49	36.49	36.48	36.49

1월 30일 굴뚝별 트랜드

					01-30 00:00	01-30 00:30	01-30 01:00	01-30 01:30	01-30 02:00	01-30 02:30	01-30 03:00	01-30 03:30	01-30 04:00	01-30 04:30	01-30 05:00	01-30 05:30	01-30 06:00	01-30 06:30	01-30 07:00	01-30 07:30
TSP	20	mg/Sm³	12	1	0.79	0.65	0.60	0.61	0.59	0.57	0.57	0.62	0.75	0.70	0.62	0.62	0.65	0.65	0.60	0.65
SOx	30	ppm	12	1	1.23	2.28	8.12	8.41	9.18	0.00	0.00	0.23	1.29	1.48	2.49	4.72	0.03	0.68	1.15	0.33
NOx	70	ppm	12	1	21.26	16.98	24.02	23.24	26.35	21.79	21.96	16.33	33.94	18.11	19.35	22.83	20.64	17.63	23.28	22.10
HCl	15	ppm	12	1	15.23	5.06	4.55	7.00	7.81	6.00	5.36	5.07	7.35	2.40	0.72	4.14	4.63	5.10	4.00	7.08
CO	50	ppm	12	1	0.64	0.55	0.32	0.28	0.26	0.25	2.67	15.16	0.41	0.63	0.63	0.27	0.41	1.30	0.29	0.27
O_2		%	0	0.1	10.35	7.67	6.57	6.66	6.18	5.99	5.87	7.20	8.24	8.48	7.05	6.91	7.63	7.59	6.59	7.57
FL1		Sm³	12	10	11,233	13,502	14,684	14,692	15,193	14,656	14,813	13,532	12,990	12,667	14,405	14,817	14,098	13,800	14,798	13,673
TMP		℃	0	1	185.27	186.17	186.75	187.21	187.79	186.96	185.68	185.26	186.29	186.82	185.36	186.30	187.90	187.35	187.18	187.19
TM1		℃	0	1	1,038.71	1,041.96	1,098.81	1,099.72	1,105.38	1,088.22	1,093.85	1,046.79	1,123.90	1,028.71	1,059.13	1,082.80	1,030.19	1,034.70	1,067.94	1,055.36
TM3		℃	0	1	36.49	36.49	36.49	36.49	36.49	36.49	36.49	36.49	36.49	36.48	36.49	36.49	36.48	36.49	36.49	36.50

					01-30 08:00	01-30 08:30	01-30 09:00	01-30 09:30	01-30 10:00	01-30 10:30	01-30 11:00	01-30 11:30	01-30 12:00	01-30 12:30	01-30 13:00	01-30 13:30	01-30 14:00	01-30 14:30	01-30 15:00	01-30 15:30
TSP	20	mg/Sm³	12	1	0.87	0.69	0.57	0.63	0.58	0.60	0.56	0.64	0.75	0.65	0.55	0.63	0.52	0.57	0.53	0.58
SOx	30	ppm	12	1	5.39	0.00	1.92	0.12	0.00	0.06	0.15	0.04	1.72	0.85	1.59	0.01	15.13	0.00	0.12	0.00
NOx	70	ppm	12	1	32.28	19.14	21.91	11.83	17.50	16.41	16.93	18.43	28.79	13.78	17.66	12.00	18.41	16.08	14.02	15.74
HCl	15	ppm	12	1	12.85	1.11	0.00	0.24	0.01	1.28	0.88	1.50	5.29	3.68	1.13	7.39	9.71	6.54	2.82	3.33
CO	50	ppm	12	1	0.33	0.73	10.76	0.79	17.89	0.45	16.01	0.50	0.32	0.61	21.95	0.65	26.18	0.34	30.85	0.27
O_2		%	0	0.1	10.33	8.32	5.85	7.49	4.95	7.11	6.10	6.77	8.67	8.08	6.19	8.26	5.23	6.86	5.60	7.25
FL1		Sm³	12	10	10,425	13,224	15,957	13,055	15,727	13,447	14,745	13,830	12,318	12,403	14,537	12,148	15,625	13,707	14,723	13,047
TMP		℃	0	1	186.95	186.38	186.83	186.40	184.90	184.91	185.26	185.44	185.33	185.30	184.35	183.75	184.45	185.22	184.22	183.99
TM1		℃	0	1	1,073.28	1,003.77	1,071.54	1,026.17	1,127.47	1,053.09	1,076.74	1,068.50	1,098.98	1,042.44	1,081.08	1,018.57	1,114.18	1,063.31	1,104.84	1,080.17
TM3		℃	0	1	36.49	36.50	36.49	36.49	36.49	36.49	36.49	36.48	36.48	36.47	36.48	36.47	36.48	36.47	36.47	36.47

					01-30 16:00	01-30 16:30	01-30 17:00	01-30 17:30	01-30 18:00	01-30 18:30	01-30 19:00	01-30 19:30	01-30 20:00	01-30 20:30	01-30 21:00	01-30 21:30	01-30 22:00	01-30 22:30	01-30 23:00	01-30 23:30
TSP	20	mg/Sm³	12	1	0.77	0.55	0.55	0.61	0.58	0.70	0.58	0.60	0.72	0.59	0.57	0.68	0.57	0.60	0.60	0.63
SOx	30	ppm	12	1	0.01	0.20	0.04	0.83	1.96	0.00	0.40	0.18	0.01	0.00	0.02	0.00	2.13	0.00	0.01	0.33
NOx	70	ppm	12	1	15.85	14.16	14.64	10.73	16.07	10.43	15.36	15.47	15.92	11.99	17.20	9.99	15.38	14.24	12.11	15.91
HCl	15	ppm	12	1	5.05	0.80	0.66	1.56	0.79	1.15	0.21	1.47	2.64	0.67	0.44	1.31	0.79	1.06	0.53	1.22
CO	50	ppm	12	1	1.44	9.89	6.63	15.64	18.27	1.49	0.37	0.44	0.53	0.33	0.19	0.67	15.54	0.33	0.55	0.57
O_2		%	0	0.1	9.73	6.46	6.30	7.59	6.90	9.13	7.04	7.47	9.13	7.36	6.73	8.91	6.81	7.27	7.18	7.61
FL1		Sm³	12	10	10,185	13,966	14,199	13,007	13,802	11,766	13,948	13,403	12,123	13,538	14,330	11,822	14,249	13,729	13,892	13,350
TMP		℃	0	1	184.48	184.48	184.76	184.78	184.88	184.73	184.31	185.60	185.91	186.02	186.51	186.27	185.36	186.38	186.80	186.77
TM1		℃	0	1	1,058.28	1,081.93	1,087.65	1,047.48	1,072.00	974.42	1,049.84	1,040.49	1,051.08	1,049.83	1,083.03	1,007.33	1,076.66	1,052.61	1,056.78	1,048.65
TM3		℃	0	1	36.48	36.48	36.48	36.48	36.47	36.47	36.48	36.47	36.47	36.48	36.47	36.48	36.48	36.48	36.48	36.48

1월 31일 굴뚝별 트랜드

					01-31 00:00	01-31 00:30	01-31 01:00	01-31 01:30	01-31 02:00	01-31 02:30	01-31 03:00	01-31 03:30	01-31 04:00	01-31 04:30	01-31 05:00	01-31 05:30	01-31 06:00	01-31 06:30	01-31 07:00	01-31 07:30
TSP	20	mg/Sm³	12	1	0.72	0.55	0.62	0.65	0.58	0.60	0.55	0.60	0.75	0.60	0.59	0.65	0.60	0.61	0.61	0.63
SOx	30	ppm	12	1	1.28	1.43	0.00	0.00	0.66	0.26	0.90	0.08	0.30	0.00	0.00	0.00	0.88	0.15	0.06	1.98
NOx	70	ppm	12	1	20.39	20.11	15.49	11.57	15.35	13.66	13.86	12.00	23.01	12.55	13.80	9.16	12.25	14.04	15.44	11.75
HCl	15	ppm	12	1	1.81	0.75	1.63	1.51	1.05	0.74	0.14	0.64	1.69	0.16	0.80	1.19	0.97	2.34	2.32	2.41
CO	50	ppm	12	1	1.36	0.34	0.21	0.55	1.47	6.23	10.85	0.65	0.36	0.42	0.38	0.87	3.31	0.56	0.33	12.95
O_2		%	0	0.1	8.12	6.11	7.77	8.51	6.74	7.25	6.10	7.19	9.83	7.15	6.98	8.40	7.29	7.39	7.13	7.56
FL1		Sm³	12	10	12,578	14,970	13,091	12,367	14,475	13,950	15,052	13,718	11,252	13,679	13,743	12,093	13,346	14,018	14,037	13,446
TMP		℃	0	1	186.75	187.45	187.14	186.10	185.85	186.89	187.24	186.82	186.59	186.54	186.38	185.09	184.15	185.22	186.90	186.46
TM1		℃	0	1	1,093.59	1,101.73	1,056.62	1,027.13	1,070.51	1,048.23	1,062.59	1,042.53	1,041.23	1,051.41	1,056.14	998.39	1,038.53	1,022.57	1,041.53	1,039.02
TM3		℃	0	1	36.47	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.48

					01-31 08:00	01-31 08:30	01-31 09:00	01-31 09:30	01-31 10:00	01-31 10:30	01-31 11:00	01-31 11:30	01-31 12:00	01-31 12:30	01-31 13:00	01-31 13:30	01-31 14:00	01-31 14:30	01-31 15:00	01-31 15:30
TSP	20	mg/Sm³	12	1	0.74	0.56	0.61	0.56	0.45	0.45	0.45	0.45	0.45	0.54	0.93	0.68	0.60	0.56	0.59	0.61
SOx	30	ppm	12	1	1.11	3.41	2.22	5.97	0.57	0.39	0.34	0.30	0.08	0.00	0.00	0.01	0.08	4.43	0.00	0.03
NOx	70	ppm	12	1	12.30	17.95	11.79	16.68	0.78	0.76	0.78	0.77	0.27	0.04	0.02	4.12	11.58	14.55	17.13	16.24
HCl	15	ppm	12	1	5.26	2.06	3.08	3.32	0.34	0.14	0.13	0.13	0.18	0.20	0.19	1.20	1.15	4.46	1.71	1.30
CO	50	ppm	12	1	0.76	0.19	20.29	8.57	0.04	0.03	0.03	0.01	0.00	0.00	0.00	1.01	0.56	0.45	0.39	0.34
O_2		%	0	0.1	10.06	6.24	7.24	9.09	21.29	21.13	21.13	21.13	21.13	21.13	20.98	13.02	7.06	6.09	6.65	7.24
FL1		Sm³	12	10	11,956	14,399	13,182	15,891	18,391	17,509	18,308	18,416	18,723	18,005	9,509	13,060	14,223	14,446	14,422	13,815
TMP		℃	0	1	185.48	185.47	185.59	186.36	186.18	185.52	185.26	186.16	186.48	187.01	187.76	185.97	184.51	185.29	185.61	185.56
TM1		℃	0	1	1,011.02	1,094.28	1,072.11	1,073.63	1,059.76	1,065.19	1,073.71	1,082.85	1,047.03	1,007.13	1,027.35	981.75	1,028.87	1,086.58	1,075.13	1,048.47
TM3		℃	0	1	36.48	36.49	36.49	36.50	36.50	36.50	36.50	36.49	36.50	36.49	36.48	36.43	36.39	36.36	36.35	36.32

					01-31 16:00	01-31 16:30	01-31 17:00	01-31 17:30	01-31 18:00	01-31 18:30	01-31 19:00	01-31 19:30	01-31 20:00	01-31 20:30	01-31 21:00	01-31 21:30	01-31 22:00	01-31 22:30	01-31 23:00	01-31 23:30
TSP	20	mg/Sm³	12	1	0.73	0.57	0.55	0.54	0.61	0.62	0.59	0.61	0.77	0.60	0.60	0.59	0.58	0.59	0.63	0.57
SOx	30	ppm	12	1	4.23	0.12	0.32	0.28	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	17.02	12.84	15.63	14.09	12.08	11.27	10.87	8.70	13.08	10.81	12.13	11.07	14.80	12.72	12.14	12.84
HCl	15	ppm	12	1	4.90	4.03	1.39	1.02	1.69	1.10	0.20	0.22	1.62	0.54	0.09	0.00	0.00	0.00	0.03	0.02
CO	50	ppm	12	1	0.57	0.47	15.37	16.16	0.38	0.46	2.70	0.64	0.75	0.39	1.03	0.35	0.17	0.31	0.34	0.29
O_2		%	0	0.1	8.87	6.34	5.85	5.56	7.38	7.35	6.57	7.19	8.79	6.76	6.62	6.56	6.13	6.58	7.25	5.98
FL1		Sm³	12	10	12,474	14,345	14,902	15,225	13,240	13,335	14,449	13,816	11,874	14,218	14,870	14,572	14,797	14,426	13,578	14,982
TMP		℃	0	1	184.66	185.03	185.69	186.04	185.76	185.25	185.63	185.93	185.86	185.61	185.82	185.76	185.59	185.58	185.36	185.64
TM1		℃	0	1	1,065.05	1,077.00	1,095.59	1,097.83	1,045.39	1,036.15	1,051.05	1,026.72	1,064.85	1,041.93	1,036.52	1,050.61	1,074.47	1,053.23	1,044.25	1,073.98
TM3		℃	0	1	36.32	36.32	36.32	36.34	36.33	36.33	36.34	36.34	36.33	36.32	36.37	36.37	36.39	36.40	36.40	36.40