1월 13일 굴뚝별 트랜드

					01-13 00:00	01-13 00:30	01-13 01:00	01-13 01:30	01-13 02:00	01-13 02:30	01-13 03:00	01-13 03:30	01-13 04:00	01-13 04:30	01-13 05:00	01-13 05:30	01-13 06:00	01-13 06:30	01-13 07:00	01-13 07:30
TSP	20	mg/S㎥	12	1	0.71	0.54	0.54	0.54	0.60	0.57	0.55	0.51	0.66	0.54	0.62	0.48	0.57	0.52	0.52	0.63
SOx	30	ppm	12	1	0.06	0.01	0.00	0.00	0.00	2.15	0.00	0.81	1.07	0.08	0.00	0.91	0.14	0.09	0.00	0.00
NOx	70	ppm	12	1	30.62	27.47	23.72	24.42	21.45	23.44	17.08	20.70	34.72	23.47	21.97	28.34	18.50	26.60	24.83	25.98
HCl	15	ppm	12	1	0.54	0.00	0.06	0.29	1.18	0.30	2.42	2.85	3.08	0.91	0.36	0.00	1.51	1.01	0.64	1.13
CO	50	ppm	12	1	0.77	0.37	0.46	0.35	0.70	1.47	0.70	0.30	0.24	0.22	0.66	1.00	0.57	0.36	0.26	0.54
O_2		%	0	0.1	10.98	7.52	7.48	7.35	8.70	8.14	7.79	6.61	9.51	7.52	9.31	5.75	8.25	6.86	7.17	9.32
FL1		Sm³	12	10	10,461	14,102	14,033	14,195	12,620	13,438	13,719	14,792	11,566	13,621	11,927	16,185	13,151	14,718	14,207	11,927
TMP		℃	0	1	180.71	180.15	180.64	181.61	182.01	180.32	179.82	180.38	180.45	180.69	180.20	179.35	180.77	181.39	182.15	181.56
TM1		℃	0	1	1,074.15	1,065.14	1,060.27	1,072.30	1,052.02	989.89	1,032.91	1,053.48	1,098.11	1,112.78	1,028.91	1,071.75	1,062.56	1,098.97	1,103.76	1,032.72
TM3		℃	0	1	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.60	36.59	36.59	36.60	36.59	36.59

					01-13 08:00	01-13 08:30	01-13 09:00	01-13 09:30	01-13 10:00	01-13 10:30	01-13 11:00	01-13 11:30	01-13 12:00	01-13 12:30	01-13 13:00	01-13 13:30	01-13 14:00	01-13 14:30	01-13 15:00	01-13 15:30
TSP	20	mg/S㎥	12	1	0.69	0.60	0.53	0.51	0.60	0.49	0.55	0.59	0.67	0.51	0.59	0.53	0.52	0.55	0.58	0.50
SOx	30	ppm	12	1	0.00	0.00	0.05	2.44	0.06	4.46	0.53	0.00	0.12	1.92	0.91	0.00	1.05	1.99	0.00	10.72
NOx	70	ppm	12	1	33.57	19.82	18.57	21.24	15.61	24.38	21.26	17.68	30.05	23.20	16.91	20.22	22.11	21.83	21.93	26.01
HCl	15	ppm	12	1	0.46	0.05	0.00	0.14	1.21	1.24	2.04	0.73	0.68	1.70	6.78	2.67	1.07	3.94	0.65	1.66
CO	50	ppm	12	1	0.55	0.68	0.40	0.28	0.37	0.77	0.13	0.36	0.13	0.07	0.36	0.18	0.13	0.28	0.46	0.31
O_2		%	0	0.1	10.37	8.92	7.28	7.04	9.14	6.44	7.81	8.86	10.47	7.16	9.07	8.04	8.04	8.56	9.17	7.47
FL1		Sm³	12	10	11,195	11,979	13,678	13,939	11,796	14,740	13,509	12,061	11,069	14,025	11,843	12,940	12,977	12,381	11,884	13,619
TMP		℃	0	1	179.20	178.01	177.22	177.99	179.08	179.43	181.56	180.53	180.15	181.81	181.41	180.57	180.01	180.21	179.84	179.17
TM1		℃	0	1	1,068.17	1,026.11	1,080.13	1,117.15	1,077.25	1,137.33	1,133.63	1,056.26	1,114.00	1,117.93	1,069.44	1,068.45	1,102.55	1,093.13	1,034.41	1,090.19
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

					01-13 16:00	01-13 16:30	01-13 17:00	01-13 17:30	01-13 18:00	01-13 18:30	01-13 19:00	01-13 19:30	01-13 20:00	01-13 20:30	01-13 21:00	01-13 21:30	01-13 22:00	01-13 22:30	01-13 23:00	01-13 23:30
TSP	20	mg/S㎥	12	1	0.63	0.51	0.49	0.49	0.55	0.54	0.57	0.58	0.67	0.60	0.51	0.61	0.52	0.55	0.54	0.57
SOx	30	ppm	12	1	13.65	0.00	0.00	1.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.85	0.00	0.00	0.00
NOx	70	ppm	12	1	27.20	23.68	27.40	26.53	24.09	24.48	21.21	19.40	25.55	20.38	20.93	17.10	17.51	21.47	17.56	14.53
HCl	15	ppm	12	1	10.14	2.34	0.86	1.19	1.26	0.98	0.60	0.42	0.44	0.31	0.00	0.24	0.45	0.09	0.48	0.85
CO	50	ppm	12	1	0.50	0.41	0.19	0.17	0.53	0.50	0.67	0.90	0.70	0.85	0.45	1.18	3.87	0.64	0.45	0.55
O_2		%	0	0.1	11.24	8.12	7.28	7.05	8.00	7.89	8.43	8.64	10.29	9.12	7.54	9.19	7.15	8.07	8.06	8.57
FL1		Sm³	12	10	10,762	12,928	13,806	14,078	13,471	13,637	13,065	12,935	11,528	12,107	13,511	11,749	13,703	13,149	13,062	12,446
TMP		℃	0	1	179.62	179.61	180.24	180.79	181.13	181.93	182.29	181.97	181.31	180.83	178.52	178.57	178.74	179.50	180.44	181.71
TM1		℃	0	1	1,050.69	1,072.67	1,101.09	1,112.17	1,075.77	1,059.69	1,029.31	1,002.19	1,026.92	1,000.69	1,027.89	1,033.45	1,066.49	1,039.39	1,048.97	1,037.23
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 14일 굴뚝별 트랜드

					01-14 00:00	01-14 00:30	01-14 01:00	01-14 01:30	01-14 02:00	01-14 02:30	01-14 03:00	01-14 03:30	01-14 04:00	01-14 04:30	01-14 05:00	01-14 05:30	01-14 06:00	01-14 06:30	01-14 07:00	01-14 07:30
TSP	20	mg/S m³	12	1	1.22	0.60	0.53	0.54	0.56	0.55	0.59	0.54	0.68	0.55	0.54	0.47	0.53	0.52	0.60	0.51
SOx	30	ppm	12	1	3.24	0.00	0.04	0.00	0.04	0.02	0.00	0.00	0.00	0.08	0.01	11.91	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	23.03	20.72	22.39	20.24	21.07	21.84	20.71	22.64	29.84	24.05	22.07	22.79	22.89	26.65	23.79	27.04
HCl	15	ppm	12	1	7.29	1.96	0.67	0.83	0.56	0.19	0.38	0.01	2.35	2.07	1.30	2.18	2.70	0.83	2.61	0.58
CO	50	ppm	12	1	0.44	0.68	0.42	0.34	0.36	0.43	0.62	0.51	0.54	0.35	0.41	0.47	0.35	0.20	0.58	0.35
O_2		%	0	0.1	10.47	9.13	7.71	7.71	7.93	7.76	8.42	7.21	9.98	7.45	7.32	5.22	7.14	6.90	8.89	6.78
FL1		Sm³	12	10	11,056	11,980	13,457	13,626	13,282	13,675	12,930	14,504	11,602	14,184	14,341	16,742	14,439	14,517	12,439	15,018
TMP		℃	0	1	181.40	180.33	179.73	180.21	181.08	181.44	181.53	181.71	182.67	183.19	183.24	183.16	182.71	182.13	181.40	180.63
TM1		℃	0	1	1,062.64	1,008.35	1,052.40	1,077.14	1,087.34	1,063.29	1,035.58	1,037.21	1,054.49	1,057.65	1,053.13	1,102.43	1,086.28	1,105.03	1,030.74	1,082.47
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

					01-14 08:00	01-14 08:30	01-14 09:00	01-14 09:30	01-14 10:00	01-14 10:30	01-14 11:00	01-14 11:30	01-14 12:00	01-14 12:30	01-14 13:00	01-14 13:30	01-14 14:00	01-14 14:30	01-14 15:00	01-14 15:30
TSP	20	mg/S m³	12	1	0.67	0.52	0.50	0.55	0.60	0.47	0.50	0.46	0.70	0.58	0.52	0.54	0.52	0.50	0.49	0.50
SOx	30	ppm	12	1	0.00	0.00	0.15	0.12	0.00	3.57	1.18	13.67	6.63	0.00	0.44	0.00	0.13	0.80	2.36	0.00
NOx	70	ppm	12	1	33.42	26.52	30.35	21.42	20.36	24.34	21.23	20.87	29.47	17.85	22.90	22.63	22.87	25.86	24.33	23.00
HCl	15	ppm	12	1	0.81	0.00	0.44	1.75	0.91	1.49	3.97	2.24	7.75	0.43	2.35	4.17	2.64	3.20	4.57	1.22
CO	50	ppm	12	1	0.43	0.26	0.24	0.38	0.79	2.17	0.39	44.17	13.65	0.90	0.43	0.37	0.35	0.19	0.18	0.34
O_2		%	0	0.1	9.65	6.87	6.29	7.67	9.11	6.14	6.84	4.95	11.39	8.67	7.08	7.53	7.33	6.62	6.52	7.16
FL1		Sm³	12	10	12,137	14,796	15,460	13,622	12,071	15,511	14,735	16,977	10,847	13,505	15,614	14,990	15,216	16,132	15,617	14,398
TMP		℃	0	1	181.50	181.20	181.96	182.06	180.99	179.20	180.90	182.39	182.34	181.69	182.62	184.61	184.93	184.27	184.68	183.21
TM1		℃	0	1	1,061.35	1,093.39	1,116.65	1,087.18	1,000.21	1,072.43	1,083.85	1,091.31	1,043.58	996.28	1,040.39	1,063.07	1,055.11	1,081.95	1,116.03	1,057.39
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

					01-14 16:00	01-14 16:30	01-14 17:00	01-14 17:30	01-14 18:00	01-14 18:30	01-14 19:00	01-14 19:30	01-14 20:00	01-14 20:30	01-14 21:00	01-14 21:30	01-14 22:00	01-14 22:30	01-14 23:00	01-14 23:30
TSP	20	mg/S m³	12	1	0.64	0.48	0.58	0.49	0.44	0.47	0.49	0.51	0.66	0.52	0.42	0.54	0.47	0.53	0.51	0.51
SOx	30	ppm	12	1	0.00	1.66	4.24	6.18	0.00	0.18	0.00	0.00	0.00	0.00	17.52	0.06	0.16	0.00	0.00	0.00
NOx	70	ppm	12	1	19.03	23.26	14.68	24.19	19.67	22.77	22.56	20.46	22.93	13.57	17.88	14.15	21.36	15.64	18.38	15.41
HCl	15	ppm	12	1	1.89	1.90	9.40	7.68	3.55	1.32	1.04	0.87	1.04	0.00	2.23	4.28	0.20	0.96	0.46	0.41
CO	50	ppm	12	1	0.59	0.36	0.96	0.27	0.13	0.76	0.26	0.36	0.52	0.37	42.61	0.33	0.30	0.21	0.31	0.25
O_2		%	0	0.1	10.35	6.34	8.84	6.50	5.49	5.97	6.99	7.46	10.30	7.59	4.20	7.65	5.64	7.50	7.15	7.27
FL1		Sm³	12	10	11,163	16,311	12,963	15,841	15,908	15,409	14,304	13,857	11,124	13,921	17,977	13,733	16,183	13,853	14,250	13,924
TMP		℃	0	1	182.60	183.24	184.72	183.95	183.59	183.40	183.18	183.21	183.15	182.68	182.87	183.21	183.24	182.87	182.62	182.43
TM1		℃	0	1	1,037.81	1,041.25	1,028.81	1,031.68	1,107.31	1,112.80	1,093.69	1,063.48	1,035.51	1,006.57	1,109.37	1,058.97	1,106.18	1,060.59	1,051.26	1,063.99
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 15일 굴뚝별 트랜드

					01-15 00:00	01-15 00:30	01-15 01:00	01-15 01:30	01-15 02:00	01-15 02:30	01-15 03:00	01-15 03:30	01-15 04:00	01-15 04:30	01-15 05:00	01-15 05:30	01-15 06:00	01-15 06:30	01-15 07:00	01-15 07:30
TSP	20	mg/Sm³	12	1	0.63	0.51	0.51	0.53	0.42	0.51	0.49	0.55	0.64	0.49	0.55	0.49	0.50	0.48	0.47	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	12.54	0.00	0.05	0.00	0.00	0.00	0.00	16.20	8.13	0.00	0.00	0.02
NOx	70	ppm	12	1	24.36	16.28	17.36	11.49	18.21	13.30	19.69	16.25	22.95	16.09	17.50	19.08	16.74	15.31	19.25	21.73
HCl	15	ppm	12	1	0.60	0.84	0.41	1.15	2.48	2.76	0.96	1.37	1.19	1.53	3.05	7.48	12.38	1.40	0.60	1.18
CO	50	ppm	12	1	0.24	0.21	0.26	0.45	30.74	0.27	0.19	0.44	0.35	0.22	0.40	0.48	0.17	0.11	0.07	0.06
O_2		%	0	0.1	9.68	6.81	6.99	7.88	4.56	7.53	6.70	8.30	9.76	6.92	8.03	6.46	6.88	6.69	6.48	6.25
FL1		Sm³	12	10	12,104	14,536	14,540	13,538	17,242	13,896	14,889	12,926	11,733	14,395	13,642	15,755	14,371	14,271	14,673	15,936
TMP		℃	0	1	182.59	182.93	182.85	182.90	182.58	182.65	182.88	182.71	181.53	181.37	182.80	184.11	183.83	182.08	181.76	183.20
TM1		℃	0	1	1,060.70	1,085.57	1,042.67	1,015.70	1,110.24	1,062.50	1,076.49	1,043.43	1,035.45	1,071.05	1,018.11	1,038.89	1,081.95	1,085.85	1,093.69	1,106.33
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

					01-15 08:00	01-15 08:30	01-15 09:00	01-15 09:30	01-15 10:00	01-15 10:30	01-15 11:00	01-15 11:30	01-15 12:00	01-15 12:30	01-15 13:00	01-15 13:30	01-15 14:00	01-15 14:30	01-15 15:00	01-15 15:30
TSP	20	mg/Sm³	12	1	0.67	0.50	0.58	0.56	0.55	0.52	0.54	0.54	0.62	0.53	0.47	0.51	0.52	0.48	0.49	0.47
SOx	30	ppm	12	1	0.00	0.42	0.02	0.00	0.00	0.41	0.00	0.00	0.00	0.00	1.27	0.01	0.41	0.00	0.00	0.36
NOx	70	ppm	12	1	26.59	21.31	16.85	17.10	13.93	14.45	17.55	13.51	26.46	16.55	21.73	19.66	23.58	18.43	13.30	11.62
HCl	15	ppm	12	1	2.65	1.94	3.79	2.12	1.10	1.70	1.95	0.36	0.44	0.06	0.73	0.81	0.41	0.01	0.54	0.32
CO	50	ppm	12	1	0.17	0.28	0.72	0.64	0.67	0.44	0.30	0.42	0.19	0.50	0.19	0.28	0.30	0.29	0.52	0.48
O_2		%	0	0.1	10.65	6.78	8.54	8.56	8.46	7.42	7.96	8.21	9.66	8.14	5.94	7.82	8.07	7.06	7.41	6.90
FL1		Sm³	12	10	11,819	15,448	13,291	12,968	13,125	14,458	13,746	13,392	12,267	13,808	16,335	14,017	13,690	14,984	14,793	14,924
TMP		℃	0	1	183.99	184.58	184.78	183.57	182.22	183.18	183.93	184.03	184.23	184.86	185.66	185.95	184.68	184.64	185.58	185.46
TM1		℃	0	1	1,054.71	1,069.25	1,007.26	984.26	975.35	1,006.69	1,015.49	1,007.97	1,050.31	1,004.92	1,084.33	1,045.34	1,050.83	1,062.23	1,058.73	1,045.87
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

					01-15 16:00	01-15 16:30	01-15 17:00	01-15 17:30	01-15 18:00	01-15 18:30	01-15 19:00	01-15 19:30	01-15 20:00	01-15 20:30	01-15 21:00	01-15 21:30	01-15 22:00	01-15 22:30	01-15 23:00	01-15 23:30
TSP	20	mg/Sm³	12	1	0.61	0.54	0.48	0.48	0.50	0.52	0.47	0.52	0.65	0.52	0.47	0.46	0.53	0.46	0.48	0.46
SOx	30	ppm	12	1	0.00	0.00	0.07	0.23	0.16	0.00	0.01	0.00	0.07	0.10	0.16	3.03	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	12.54	3.77	5.48	3.39	4.31	5.62	13.71	11.53	20.48	12.76	14.95	19.27	13.58	21.98	16.71	22.72
HCl	15	ppm	12	1	0.77	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.06	0.34	0.09	1.45	2.14	0.00	0.12	0.06
CO	50	ppm	12	1	0.45	0.96	0.72	0.56	0.66	0.61	0.22	0.44	0.44	0.54	0.34	0.25	0.50	0.26	0.40	0.29
O_2		%	0	0.1	9.69	8.29	6.65	6.94	7.11	7.50	6.15	7.56	9.40	7.47	6.37	5.46	7.72	5.72	6.37	5.69
FL1		Sm³	12	10	12,542	13,515	15,616	14,947	15,084	14,586	15,760	14,197	12,301	14,545	15,586	16,991	14,118	16,527	15,625	16,293
TMP		℃	0	1	185.55	185.64	184.66	185.03	185.52	185.80	185.58	185.67	185.81	185.72	184.70	185.60	185.93	185.04	185.13	185.11
TM1		℃	0	1	1,055.63	1,012.32	1,028.83	1,053.93	1,043.69	1,027.61	1,036.75	1,025.57	1,041.81	1,009.78	1,016.38	1,087.61	1,015.61	1,059.31	1,054.80	1,094.72
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