2월 13일 굴뚝별 트랜드

					02-13 00:00	02-13 00:30	02-13 01:00	02-13 01:30	02-13 02:00	02-13 02:30	02-13 03:00	02-13 03:30	02-13 04:00	02-13 04:30	02-13 05:00	02-13 05:30	02-13 06:00	02-13 06:30	02-13 07:00	02-13 07:30
TSP	20	mg/Sm³	12	1	0.83	0.68	0.67	0.63	0.71	0.64	0.63	0.69	0.83	0.71	0.64	0.67	0.70	0.65	0.64	0.69
SOx	30	ppm	12	1	0.00	0.00	0.00	0.90	0.00	0.00	0.00	0.00	0.64	0.00	0.97	0.00	0.00	2.92	0.02	0.00
NOx	70	ppm	12	1	20.43	14.24	21.22	21.09	13.07	20.01	21.11	17.94	26.90	18.97	18.45	17.48	17.75	17.46	21.45	17.47
HCl	15	ppm	12	1	1.78	0.00	0.00	0.08	1.28	0.11	0.34	0.69	0.85	0.38	0.44	0.49	1.79	1.15	0.61	0.70
CO	50	ppm	12	1	0.82	0.63	0.67	0.31	0.81	0.44	0.30	0.59	7.98	0.76	4.94	0.61	0.51	17.50	0.34	0.45
O_2		%	0	0.1	8.83	7.25	7.06	6.10	7.84	6.41	6.08	7.39	8.56	7.58	6.34	6.94	7.47	6.60	6.18	7.09
FL1		Sm³	12	10	12,160	13,974	14,027	14,927	13,104	14,947	15,295	13,633	12,214	13,787	15,113	14,343	13,449	14,539	15,179	14,041
TMP		℃	0	1	185.15	185.72	185.70	185.54	185.44	185.13	186.14	186.52	185.47	185.51	186.39	186.14	184.97	184.56	185.34	186.01
TM1		℃	0	1	1,041.65	1,015.20	1,035.81	1,063.40	1,028.60	1,055.66	1,054.97	1,033.56	1,059.74	1,016.93	1,050.81	997.95	1,048.64	1,045.05	1,047.60	1,044.47
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.41	36.42

					02-13 08:00	02-13 08:30	02-13 09:00	02-13 09:30	02-13 10:00	02-13 10:30	02-13 11:00	02-13 11:30	02-13 12:00	02-13 12:30	02-13 13:00	02-13 13:30	02-13 14:00	02-13 14:30	02-13 15:00	02-13 15:30
TSP	20	mg/Sm³	12	1	0.88	0.67	0.69	0.66	0.67	0.66	0.67	0.73	0.87	0.63	0.64	0.65	0.64	0.62	0.63	0.65
SOx	30	ppm	12	1	0.12	0.00	0.89	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.54	0.00	0.00	0.25	0.00	0.00
NOx	70	ppm	12	1	18.21	13.45	16.74	19.90	17.10	20.64	18.86	21.93	24.49	17.94	12.38	16.06	18.04	20.25	20.83	20.58
HCl	15	ppm	12	1	0.37	0.00	0.08	3.96	1.38	0.45	1.00	0.71	1.31	0.00	0.00	0.00	0.18	0.30	0.38	0.49
CO	50	ppm	12	1	23.23	0.73	0.58	0.36	0.54	0.32	0.40	0.33	0.71	1.12	23.47	1.41	0.47	1.07	0.31	0.40
O_2		%	0	0.1	8.89	6.91	7.28	6.77	6.08	6.48	6.86	6.98	9.79	6.09	6.23	6.80	6.43	6.08	6.43	6.92
FL1		Sm³	12	10	11,320	13,819	14,312	14,499	15,321	14,632	13,980	13,895	10,992	15,102	14,948	14,683	14,768	15,054	14,520	14,226
TMP		℃	0	1	185.73	184.54	182.98	184.64	185.60	185.42	184.47	183.95	184.25	184.72	185.43	185.62	185.25	184.78	185.10	185.76
TM1		℃	0	1	1,048.49	1,013.11	1,032.50	1,058.88	1,061.91	1,077.93	1,037.62	1,055.08	1,037.84	1,047.05	1,043.80	1,050.41	1,047.33	1,033.79	1,059.28	1,045.15
TM3		℃	0	1	36.42	36.42	36.41	36.40	36.41	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.40	36.40	36.40	36.40

					02-13 16:00	02-13 16:30	02-13 17:00	02-13 17:30	02-13 18:00	02-13 18:30	02-13 19:00	02-13 19:30	02-13 20:00	02-13 20:30	02-13 21:00	02-13 21:30	02-13 22:00	02-13 22:30	02-13 23:00	02-13 23:30
TSP	20	mg/Sm³	12	1	0.84	0.59	0.60	0.61	0.63	0.59	0.65	0.63	0.89	0.68	0.69	0.66	0.64	0.66	0.63	0.63
SOx	30	ppm	12	1	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	15.20	0.00	1.28	1.24	0.00	0.00	0.41	0.64
NOx	70	ppm	12	1	29.40	22.24	20.34	22.46	24.20	23.63	21.29	23.38	24.78	19.57	16.18	16.47	22.02	22.20	19.05	20.96
HCl	15	ppm	12	1	0.83	0.00	0.00	0.17	0.32	0.27	1.27	0.84	2.69	0.50	0.49	0.13	0.00	0.00	0.00	1.16
CO	50	ppm	12	1	0.33	0.24	0.25	0.17	0.25	0.24	0.32	0.63	57.39	0.91	34.88	22.81	0.26	0.34	0.34	0.22
O_2		%	0	0.1	8.77	5.43	5.69	6.04	6.42	5.49	6.76	6.46	8.64	6.74	6.74	6.65	6.57	6.93	6.22	6.30
FL1		Sm³	12	10	11,780	15,811	15,470	15,019	14,729	15,585	14,172	14,679	10,961	13,820	14,120	14,229	14,451	14,081	14,853	14,727
TMP		℃	0	1	185.90	186.12	186.21	186.24	186.08	186.16	186.14	185.66	185.76	184.57	183.07	183.82	185.34	185.30	185.35	185.56
TM1		℃	0	1	1,053.39	1,052.66	1,055.75	1,074.36	1,047.53	1,080.94	1,072.54	1,048.90	1,070.09	1,039.29	1,059.24	1,071.40	1,094.15	1,055.58	1,053.24	1,080.85
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40

2월 14일 굴뚝별 트랜드

					02-14 00:00	02-14 00:30	02-14 01:00	02-14 01:30	02-14 02:00	02-14 02:30	02-14 03:00	02-14 03:30	02-14 04:00	02-14 04:30	02-14 05:00	02-14 05:30	02-14 06:00	02-14 06:30	02-14 07:00	02-14 07:30
TSP	20	mg/Sm³	12	1	0.85	0.65	0.67	0.63	0.68	0.66	0.61	0.64	0.82	0.67	0.63	0.76	0.64	0.60	0.70	0.60
SOx	30	ppm	12	1	0.38	0.01	0.00	2.91	0.50	0.22	0.00	0.00	0.19	0.00	1.33	0.84	0.29	0.02	0.00	0.14
NOx	70	ppm	12	1	30.42	18.55	20.62	17.99	15.66	16.27	22.12	20.09	22.19	17.43	16.52	14.72	16.81	19.56	12.90	21.01
HCl	15	ppm	12	1	2.08	0.02	0.36	0.65	4.09	2.65	0.79	0.41	0.71	0.00	0.00	0.20	0.00	0.11	1.17	0.21
CO	50	ppm	12	1	5.65	1.98	0.30	22.97	0.79	0.84	0.20	0.37	14.20	1.32	22.54	25.42	0.90	0.30	0.68	0.77
O_2		%	0	0.1	8.96	6.47	7.09	5.82	7.10	6.88	5.89	6.27	8.91	7.03	6.13	7.79	6.24	5.43	7.59	5.41
FL1		Sm³	12	10	11,455	14,689	13,725	15,388	13,764	13,938	15,328	14,915	12,095	13,792	14,938	13,673	14,945	15,837	13,219	15,827
TMP		℃	0	1	185.64	185.57	185.58	185.11	184.84	184.92	185.23	185.85	185.09	184.57	184.99	185.10	185.31	186.01	185.60	184.84
TM1		℃	0	1	1,083.27	1,046.61	1,072.11	1,069.88	1,061.19	1,075.91	1,090.33	1,055.71	1,047.78	1,043.15	1,050.43	1,020.45	1,044.04	1,071.33	1,024.02	1,058.49
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.40	36.40	36.40	36.40

					02-14 08:00	02-14 08:30	02-14 09:00	02-14 09:30	02-14 10:00	02-14 10:30	02-14 11:00	02-14 11:30	02-14 12:00	02-14 12:30	02-14 13:00	02-14 13:30	02-14 14:00	02-14 14:30	02-14 15:00	02-14 15:30
TSP	20	mg/Sm³	12	1	0.83	0.67	0.55	0.51	0.50	0.50	0.51	0.51	0.50	0.49	0.49	0.83	1.00	0.60	0.63	0.60
SOx	30	ppm	12	1	0.12	0.00	2.49	0.14	0.00	0.00	0.02	27.59	0.19	0.39	0.31	0.36	31.79	1.37	0.10	0.15
NOx	70	ppm	12	1	20.68	19.43	16.95	0.84	0.79	0.80	1.00	60.02	1.09	1.15	14.59	21.85	68.75	16.74	19.26	16.77
HCl	15	ppm	12	1	1.46	0.12	0.42	0.25	0.17	0.17	4.96	16.08	0.11	0.00	1.00	5.89	0.48	0.96	2.21	0.47
CO	50	ppm	12	1	0.49	0.74	0.18	0.00	0.00	0.00	0.00	76.93	0.00	0.00	0.60	2.62	87.01	19.42	0.25	22.75
O_2		%	0	0.1	8.44	6.99	14.00	21.04	20.90	18.31	16.30	4.21	21.03	20.90	11.55	5.75	2.52	5.77	6.49	5.88
FL1		Sm³	12	10	12,231	14,065	16,685	18,343	17,927	18,433	18,234	18,467	18,388	17,761	17,950	11,849	8,724	15,114	14,023	14,849
TMP		℃	0	1	185.94	186.30	184.80	184.33	184.71	185.22	185.19	185.12	185.38	184.59	184.62	184.97	184.96	184.81	185.04	185.01
TM1		℃	0	1	1,069.13	1,050.63	1,072.43	1,030.93	1,100.93	1,066.46	1,046.23	1,050.43	1,050.45	1,030.06	1,099.21	1,076.63	1,060.91	1,061.92	1,108.01	1,085.16
TM3		℃	0	1	36.41	36.41	36.38	36.36	36.36	36.33	36.28	36.25	36.26	36.26	36.25	36.25	36.25	36.25	36.25	36.26

					02-14 16:00	02-14 16:30	02-14 17:00	02-14 17:30	02-14 18:00	02-14 18:30	02-14 19:00	02-14 19:30	02-14 20:00	02-14 20:30	02-14 21:00	02-14 21:30	02-14 22:00	02-14 22:30	02-14 23:00	02-14 23:30
TSP	20	mg/Sm³	12	1	0.84	0.61	0.68	0.63	0.62	0.57	0.65	0.66	0.86	0.60	0.58	0.63	0.71	0.60	0.60	0.64
SOx	30	ppm	12	1	0.00	0.07	0.00	0.06	0.00	0.03	0.00	0.00	0.00	0.00	0.15	0.04	0.00	0.00	1.10	0.00
NOx	70	ppm	12	1	22.69	16.17	12.41	15.16	17.85	19.74	13.12	11.64	16.16	20.29	19.22	20.38	16.18	22.06	20.27	19.92
HCl	15	ppm	12	1	1.23	0.33	0.69	0.23	0.03	0.12	0.73	0.19	1.22	0.00	0.00	0.65	2.08	0.97	2.36	2.50
CO	50	ppm	12	1	0.49	14.61	2.74	16.76	0.44	3.33	0.53	0.59	0.83	0.73	0.53	0.31	1.09	0.33	3.69	0.42
O_2		%	0	0.1	10.01	6.02	7.68	6.61	6.39	5.31	7.19	7.47	10.47	5.97	5.31	6.29	8.00	5.69	5.57	6.53
FL1		Sm³	12	10	10,687	14,750	12,877	13,929	14,496	15,663	13,555	13,192	10,439	14,944	15,825	14,570	12,758	15,340	15,402	14,404
TMP		℃	0	1	184.89	185.15	184.47	184.55	185.02	185.55	185.26	184.86	184.50	184.73	185.54	186.13	185.11	185.10	186.21	186.16
TM1		℃	0	1	1,065.75	1,068.83	1,020.47	1,071.07	1,067.04	1,079.51	1,043.84	1,029.61	1,012.27	1,059.03	1,082.98	1,089.96	1,007.04	1,079.30	1,090.49	1,058.93
TM3		℃	0	1	36.27	36.27	36.27	36.26	36.27	36.27	36.27	36.26	36.27	36.27	36.27	36.27	36.27	36.26	36.27	36.26

2월 15일 굴뚝별 트랜드

					02-15 00:00	02-15 00:30	02-15 01:00	02-15 01:30	02-15 02:00	02-15 02:30	02-15 03:00	02-15 03:30	02-15 04:00	02-15 04:30	02-15 05:00	02-15 05:30	02-15 06:00	02-15 06:30	02-15 07:00	02-15 07:30
TSP	20	mg/Sm³	12	1	0.82	0.69	0.68	0.59	0.69	0.62	0.63	0.68	0.90	0.67	0.68	0.70	0.73	0.71	0.67	0.59
SOx	30	ppm	12	1	0.00	0.01	0.00	1.96	1.30	0.10	1.04	1.31	0.99	0.00	0.00	0.00	0.00	0.24	1.12	0.14
NOx	70	ppm	12	1	21.80	18.09	17.96	21.52	17.47	22.94	20.50	16.00	24.70	20.15	15.52	17.07	16.87	21.13	19.54	21.80
HCl	15	ppm	12	1	2.51	0.34	0.21	2.53	6.18	1.73	3.75	6.43	6.80	0.16	0.16	0.46	1.03	1.34	1.62	0.88
CO	50	ppm	12	1	0.65	0.61	0.81	1.21	1.89	0.75	0.81	0.87	0.88	0.84	1.06	1.69	0.75	0.78	0.56	7.45
O_2		%	0	0.1	9.43	7.41	7.42	5.60	7.17	5.61	6.15	7.31	9.82	7.09	7.53	7.50	8.12	7.76	6.74	5.37
FL1		Sm³	12	10	11,752	13,258	13,238	15,309	13,506	15,052	14,612	13,212	10,247	14,038	13,307	13,568	13,352	14,180	14,444	15,483
TMP		℃	0	1	185.75	185.62	184.83	184.01	185.30	185.35	185.33	185.06	184.90	185.14	185.48	186.03	184.67	185.52	187.08	186.28
TM1		℃	0	1	1,037.73	1,073.51	1,010.42	1,071.58	1,060.30	1,094.77	1,089.67	1,069.53	1,064.33	1,007.62	1,000.55	1,026.15	986.73	1,030.53	1,038.51	1,073.97
TM3		℃	0	1	36.27	36.26	36.26	36.26	36.26	36.27	36.26	36.27	36.27	36.27	36.28	36.28	36.28	36.28	36.28	36.28

					02-15 08:00	02-15 08:30	02-15 09:00	02-15 09:30	02-15 10:00	02-15 10:30	02-15 11:00	02-15 11:30	02-15 12:00	02-15 12:30	02-15 13:00	02-15 13:30	02-15 14:00	02-15 14:30	02-15 15:00	02-15 15:30
TSP	20	mg/Sm³	12	1	0.84	0.61	0.64	0.61	0.67	0.60	0.60	0.58	0.80	0.62	0.54	0.59	0.66	0.52	0.62	0.60
SOx	30	ppm	12	1	0.00	0.00	0.00	0.16	0.00	0.01	0.00	0.00	0.00	0.00	4.90	0.00	0.03	3.71	0.00	0.09
NOx	70	ppm	12	1	17.96	14.94	14.99	17.16	16.46	18.29	20.68	19.10	30.07	18.25	19.01	21.59	14.85	17.65	19.15	16.08
HCl	15	ppm	12	1	2.13	0.00	0.00	0.00	0.91	0.43	0.57	0.65	1.23	0.08	0.11	0.85	1.49	1.12	1.60	0.81
CO	50	ppm	12	1	0.67	0.80	0.53	0.87	0.75	0.69	4.24	0.63	0.42	0.38	29.19	0.38	9.37	37.83	0.78	13.56
O_2		%	0	0.1	9.83	5.77	6.47	5.55	7.06	5.58	5.77	5.46	8.32	6.48	4.56	5.96	7.24	4.20	6.41	6.03
FL1		Sm³	12	10	11,562	15,412	14,670	15,558	13,707	15,535	15,456	15,780	12,586	14,333	16,365	14,879	13,610	16,945	14,833	15,230
TMP		℃	0	1	185.92	186.27	186.57	186.36	186.05	186.07	186.43	186.67	186.82	186.43	186.11	186.00	184.96	184.88	185.90	185.95
TM1		℃	0	1	1,027.01	1,048.35	1,035.97	1,056.32	1,040.27	1,071.56	1,064.83	1,056.67	1,079.21	1,065.37	1,102.13	1,100.03	1,020.45	1,114.08	1,067.99	1,061.93
TM3		℃	0	1	36.28	36.28	36.27	36.28	36.28	36.28	36.27	36.27	36.27	36.27	36.27	36.26	36.26	36.26	36.26	36.26

					02-15 16:00	02-15 16:30	02-15 17:00	02-15 17:30	02-15 18:00	02-15 18:30	02-15 19:00	02-15 19:30	02-15 20:00	02-15 20:30	02-15 21:00	02-15 21:30	02-15 22:00	02-15 22:30	02-15 23:00	02-15 23:30
TSP	20	mg/Sm³	12	1	0.79	0.59	0.63	0.67	0.60	0.61	0.58	0.62	0.83	0.66	0.59	0.60	0.64	0.58	0.63	0.60
SOx	30	ppm	12	1	0.00	1.69	0.20	0.08	3.46	2.22	3.01	5.43	1.73	0.00	0.06	0.00	0.00	0.33	0.00	0.00
NOx	70	ppm	12	1	16.77	13.42	12.33	10.58	16.61	13.06	11.81	13.48	26.46	15.12	21.78	17.99	13.73	18.12	17.59	17.14
HCl	15	ppm	12	1	2.12	1.07	1.32	0.75	1.43	2.71	2.41	7.57	5.63	0.05	0.00	0.06	0.82	0.62	1.19	0.45
CO	50	ppm	12	1	0.72	20.46	17.80	13.76	20.20	18.49	36.79	19.26	2.00	0.74	0.91	0.86	0.56	16.89	0.35	0.38
O_2		%	0	0.1	9.54	5.63	6.64	7.55	5.77	5.92	5.32	6.02	8.99	7.25	5.40	5.79	6.81	5.58	6.75	6.06
FL1		Sm³	12	10	12,026	15,469	14,386	13,429	15,748	15,683	15,894	15,928	13,023	14,564	16,827	15,172	14,020	15,359	14,029	14,839
TMP		℃	0	1	185.58	185.63	185.70	185.45	185.63	187.13	186.94	187.00	187.99	187.28	187.00	186.74	185.74	185.59	185.37	185.42
TM1		℃	0	1	1,018.03	1,074.63	1,024.22	1,025.84	1,068.53	1,085.44	1,089.25	1,066.02	1,074.44	1,048.31	1,074.82	1,077.74	1,052.87	1,092.79	1,058.09	1,060.42
TM3		℃	0	1	36.26	36.26	36.26	36.26	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25	36.25