2월 9일 굴뚝별 트랜드

					02-09 00:00	02-09 00:30	02-09 01:00	02-09 01:30	02-09 02:00	02-09 02:30	02-09 03:00	02-09 03:30	02-09 04:00	02-09 04:30	02-09 05:00	02-09 05:30	02-09 06:00	02-09 06:30	02-09 07:00	02-09 07:30
TSP	20	mg/Sm³	12	1	0.68	0.52	0.56	0.54	0.54	0.60	0.53	0.57	0.64	0.57	0.51	0.52	0.52	0.56	0.52	0.51
SOx	30	ppm	12	1	0.18	8.22	0.00	0.29	0.88	0.00	0.00	0.00	0.33	0.00	4.38	0.90	3.14	0.00	0.00	0.20
NOx	70	ppm	12	1	26.93	23.91	29.72	25.50	33.37	27.39	34.18	24.73	40.11	27.17	26.69	28.55	32.18	22.36	22.99	28.19
HCl	15	ppm	12	1	3.14	8.82	3.01	1.59	1.93	1.88	0.17	0.01	0.06	0.21	1.26	1.36	2.49	0.92	0.29	1.67
CO	50	ppm	12	1	1.23	0.54	0.66	0.48	0.41	0.84	9.28	0.44	0.29	0.27	32.51	0.37	0.26	0.59	0.33	0.28
O_2		%	0	0.1	10.94	6.98	7.92	7.54	7.03	8.67	7.24	8.40	9.52	8.38	6.61	7.12	7.02	8.42	7.29	7.04
FL1		Sm³	12	10	11,564	14,930	13,757	14,162	14,970	13,248	14,571	13,151	12,432	12,441	14,667	14,536	14,333	12,973	14,365	14,527
TMP		℃	0	1	180.42	180.48	180.42	180.62	181.37	181.66	180.88	180.52	180.45	179.72	179.17	179.63	179.90	179.73	179.80	180.39
TM1		℃	0	1	1,000.33	1,052.41	1,021.27	1,053.72	1,065.27	1,032.79	1,069.64	1,042.59	1,073.01	1,067.01	1,101.41	1,080.76	1,111.81	1,028.43	1,043.25	1,075.74
TM3		℃	0	1	36.62	36.62	36.62	36.62	36.62	36.62	36.61	36.62	36.61	36.61	36.62	36.62	36.61	36.62	36.62	36.62

					02-09 08:00	02-09 08:30	02-09 09:00	02-09 09:30	02-09 10:00	02-09 10:30	02-09 11:00	02-09 11:30	02-09 12:00	02-09 12:30	02-09 13:00	02-09 13:30	02-09 14:00	02-09 14:30	02-09 15:00	02-09 15:30
TSP	20	mg/Sm³	12	1	1.79	1.08	1.13	1.08	1.14	1.13	0.94	1.10	1.43	1.03	1.06	1.09	1.11	1.07	1.06	1.02
SOx	30	ppm	12	1	0.00	0.00	0.00	0.19	0.00	1.60	1.38	1.01	0.00	0.01	0.41	0.00	0.00	6.35	1.14	1.72
NOx	70	ppm	12	1	35.40	23.71	22.23	28.05	22.24	22.25	32.71	23.20	23.63	25.58	27.62	28.95	22.06	27.57	29.30	32.29
HCl	15	ppm	12	1	1.04	0.21	0.69	0.62	1.34	2.95	0.39	4.30	2.27	0.12	1.00	1.80	0.90	5.56	5.64	4.36
CO	50	ppm	12	1	0.40	0.30	0.41	0.36	0.40	0.45	0.22	0.16	0.63	0.21	0.18	0.28	0.34	0.29	0.24	0.18
O_2		%	0	0.1	10.26	7.84	8.34	7.50	8.46	8.16	5.70	7.93	11.75	7.28	7.57	7.76	8.03	7.76	7.61	7.20
FL1		Sm³	12	10	11,709	13,639	13,086	14,009	12,993	13,157	16,149	13,081	10,174	13,598	13,573	13,686	13,238	13,629	13,660	14,076
TMP		℃	0	1	180.99	180.62	180.65	180.33	180.19	179.67	179.48	180.42	179.77	178.30	179.24	181.14	180.91	180.53	180.16	180.09
TM1		℃	0	1	1,065.88	1,049.63	1,045.58	1,049.42	1,042.25	1,047.91	1,086.21	1,081.86	1,043.71	1,089.89	1,109.39	1,081.84	1,077.37	1,062.97	1,067.73	1,094.43
TM3		℃	0	1	36.62	36.62	36.62	36.61	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59	36.59

					02-09 16:00	02-09 16:30	02-09 17:00	02-09 17:30	02-09 18:00	02-09 18:30	02-09 19:00	02-09 19:30	02-09 20:00	02-09 20:30	02-09 21:00	02-09 21:30	02-09 22:00	02-09 22:30	02-09 23:00	02-09 23:30
TSP	20	mg/Sm³	12	1	1.32	1.07	1.07	1.13	1.06	1.13	0.98	1.22	1.35	1.16	1.06	1.19	1.00	1.08	1.01	1.13
SOx	30	ppm	12	1	0.58	0.05	0.38	2.19	1.00	0.00	0.13	0.00	0.00	0.00	1.36	0.00	0.00	0.15	3.95	2.24
NOx	70	ppm	12	1	44.96	34.11	29.76	23.36	24.63	28.58	33.88	22.30	35.69	25.91	22.41	18.97	25.79	16.93	29.20	26.99
HCl	15	ppm	12	1	5.42	3.45	2.56	4.52	2.67	1.44	1.47	2.08	1.39	1.53	3.39	1.45	0.29	1.14	1.23	5.18
CO	50	ppm	12	1	0.25	0.21	0.46	13.75	4.35	0.73	0.21	0.55	0.44	0.65	0.45	0.92	0.29	0.38	0.24	0.42
O_2		%	0	0.1	10.14	7.69	7.57	8.00	7.13	8.15	6.44	9.29	10.68	8.73	7.42	9.11	6.88	7.90	6.78	8.13
FL1		Sm³	12	10	11,499	13,419	13,846	13,188	14,240	13,204	14,804	11,824	10,797	12,379	13,938	11,818	14,217	13,005	14,680	12,975
TMP		℃	0	1	180.64	180.58	180.50	181.06	180.38	180.44	180.60	180.64	180.05	179.65	179.40	179.06	177.67	178.45	180.05	181.41
TM1		℃	0	1	1,097.59	1,085.83	1,071.23	1,061.64	1,081.82	1,024.03	1,105.76	1,039.68	1,069.19	1,025.73	1,064.86	998.14	1,056.03	1,060.29	1,079.71	1,097.24
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

2월 10일 굴뚝별 트랜드

					02-10 00:00	02-10 00:30	02-10 01:00	02-10 01:30	02-10 02:00	02-10 02:30	02-10 03:00	02-10 03:30	02-10 04:00	02-10 04:30	02-10 05:00	02-10 05:30	02-10 06:00	02-10 06:30	02-10 07:00	02-10 07:30
TSP	20	mg/Sm³	12	1	1.28	1.14	1.08	1.14	0.97	1.04	1.09	1.09	1.33	1.12	1.19	1.01	0.97	1.20	1.12	1.11
SOx	30	ppm	12	1	2.65	0.00	0.00	0.00	0.69	0.97	0.00	2.16	0.00	0.00	0.00	0.04	1.23	0.00	0.00	0.00
NOx	70	ppm	12	1	38.46	24.55	28.30	21.36	34.87	34.25	30.94	31.92	27.66	19.98	20.37	20.21	26.06	19.31	20.54	20.63
HCl	15	ppm	12	1	3.08	2.15	1.25	1.36	0.28	2.65	1.30	3.49	2.97	1.63	1.03	0.55	0.91	1.82	0.65	0.73
CO	50	ppm	12	1	0.75	0.44	0.35	0.51	0.20	0.25	0.21	0.33	0.56	0.51	0.89	0.34	0.22	0.40	0.27	0.33
O_2		%	0	0.1	8.58	8.32	7.71	8.31	6.10	7.07	7.75	7.78	10.12	8.04	8.83	6.72	6.16	8.88	8.17	7.96
FL1		Sm³	12	10	12,438	13,017	13,579	12,631	15,345	13,946	13,112	13,414	11,656	12,926	12,210	14,366	15,073	11,926	12,833	13,132
TMP		℃	0	1	180.84	181.38	181.33	180.89	180.09	181.42	180.41	180.12	180.20	179.87	178.82	178.10	179.05	179.48	179.33	179.53
TM1		℃	0	1	1,130.49	1,065.89	1,065.85	1,055.89	1,102.57	1,146.37	1,100.73	1,098.59	1,056.40	1,047.26	983.88	1,070.84	1,095.35	1,053.38	1,069.79	1,040.94
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

					02-10 08:00	02-10 08:30	02-10 09:00	02-10 09:30	02-10 10:00	02-10 10:30	02-10 11:00	02-10 11:30	02-10 12:00	02-10 12:30	02-10 13:00	02-10 13:30	02-10 14:00	02-10 14:30	02-10 15:00	02-10 15:30
TSP	20	mg/Sm³	12	1	1.31	1.06	1.20	1.07	1.08	1.03	1.01	1.07	1.39	0.99	1.03	1.15	1.03	1.06	1.14	1.04
SOx	30	ppm	12	1	0.33	2.12	0.07	0.35	0.05	1.97	0.00	0.00	0.00	0.02	0.24	0.00	0.00	0.00	0.00	3.40
NOx	70	ppm	12	1	30.73	22.54	20.90	21.39	23.29	24.01	25.80	28.63	26.77	28.34	22.66	17.86	21.99	20.11	20.20	14.62
HCl	15	ppm	12	1	1.04	3.63	3.83	3.43	2.67	2.65	0.63	0.28	0.14	0.03	0.76	1.84	1.67	1.57	1.69	4.02
CO	50	ppm	12	1	0.31	0.25	0.54	0.24	0.17	0.18	0.11	0.12	0.47	0.29	0.34	0.70	0.22	0.41	0.78	0.44
O_2		%	0	0.1	9.55	7.21	8.89	7.74	7.77	7.21	6.91	7.48	11.60	6.59	6.99	8.51	7.31	7.74	8.56	7.04
FL1		Sm³	12	10	11,581	13,758	12,066	13,132	13,027	14,015	14,263	13,805	10,718	14,765	14,294	12,752	13,888	13,425	12,905	14,098
TMP		℃	0	1	179.67	180.06	180.03	179.34	179.98	179.70	180.36	180.72	180.12	178.95	179.81	179.98	179.80	180.03	179.22	178.61
TM1		℃	0	1	1,087.15	1,091.95	1,056.18	1,086.17	1,096.69	1,095.69	1,113.97	1,095.93	1,029.23	1,068.95	1,063.11	1,016.83	1,050.01	1,042.60	994.21	1,024.23
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

					02-10 16:00	02-10 16:30	02-10 17:00	02-10 17:30	02-10 18:00	02-10 18:30	02-10 19:00	02-10 19:30	02-10 20:00	02-10 20:30	02-10 21:00	02-10 21:30	02-10 22:00	02-10 22:30	02-10 23:00	02-10 23:30
TSP	20	mg/Sm³	12	1	1.31	1.11	1.07	1.18	1.11	1.19	1.15	1.17	1.40	1.11	1.11	1.22	1.12	1.06	1.35	1.14
SOx	30	ppm	12	1	2.09	3.09	12.51	0.73	2.15	0.03	0.00	0.00	0.05	0.01	1.50	5.25	1.35	12.65	0.00	0.28
NOx	70	ppm	12	1	21.75	17.30	18.68	16.97	22.59	19.49	23.41	23.12	25.30	25.17	24.99	22.83	21.88	25.57	15.39	23.50
HCl	15	ppm	12	1	4.03	6.60	8.35	4.01	3.70	4.47	2.10	2.14	2.36	1.60	2.76	5.08	2.25	4.07	6.24	0.96
CO	50	ppm	12	1	0.69	0.27	3.29	0.81	0.15	0.33	0.25	0.33	0.28	0.21	0.24	0.42	0.35	1.35	0.68	0.43
O_2		%	0	0.1	9.97	7.82	7.03	8.16	7.59	8.58	8.12	8.37	10.50	7.54	7.44	8.70	7.67	6.80	10.09	7.85
FL1		Sm³	12	10	12,416	13,696	14,836	13,436	14,199	12,948	13,287	13,128	11,067	13,957	14,260	12,680	13,998	14,814	11,015	14,011
TMP		℃	0	1	179.42	180.52	181.62	181.31	181.47	182.17	181.32	181.68	180.92	180.86	181.40	180.91	180.23	180.62	180.23	179.24
TM1		℃	0	1	993.35	1,036.14	1,090.91	1,054.16	1,095.74	1,076.25	1,067.07	1,071.22	1,065.74	1,073.14	1,131.75	1,074.39	1,057.41	1,095.83	1,045.30	1,017.34
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

2월 11일 굴뚝별 트랜드

					02-11 00:00	02-11 00:30	02-11 01:00	02-11 01:30	02-11 02:00	02-11 02:30	02-11 03:00	02-11 03:30	02-11 04:00	02-11 04:30	02-11 05:00	02-11 05:30	02-11 06:00	02-11 06:30	02-11 07:00	02-11 07:30
TSP	20	mg/Sm³	12	1	1.42	1.03	1.21	1.04	1.23	1.00	1.16	1.04	1.33	1.11	1.07	1.14	1.19	1.06	1.22	1.09
SOx	30	ppm	12	1	2.73	4.67	0.40	14.30	0.00	2.41	0.30	2.84	1.52	0.30	13.30	0.73	1.16	4.54	0.42	3.48
NOx	70	ppm	12	1	24.38	24.58	20.73	24.17	20.12	24.63	23.02	27.30	20.60	18.74	21.97	15.89	20.96	25.49	19.58	25.21
HCl	15	ppm	12	1	5.91	4.49	5.79	8.17	4.14	1.87	3.16	2.99	6.65	4.58	10.73	10.88	7.19	3.92	5.47	6.56
CO	50	ppm	12	1	0.58	0.24	0.60	0.25	0.55	0.55	0.27	0.30	0.67	0.47	1.25	0.50	0.46	0.58	0.65	0.34
O_2		%	0	0.1	10.79	6.58	8.84	6.90	8.99	6.18	8.29	6.93	10.80	7.95	6.93	8.24	8.67	7.29	9.03	7.53
FL1		Sm³	12	10	11,411	15,335	12,924	14,911	12,870	16,007	13,206	15,203	12,126	13,990	15,284	12,961	12,835	14,192	12,492	14,172
TMP		℃	0	1	181.44	182.64	182.08	180.57	180.67	181.03	180.79	181.55	181.89	182.21	182.98	180.96	179.85	178.92	179.29	180.47
TM1		℃	0	1	1,053.96	1,077.66	1,048.43	1,098.11	1,034.20	1,100.37	1,082.87	1,125.45	1,059.31	1,054.90	1,035.66	1,049.98	1,070.76	1,083.85	1,069.29	1,096.38
TM3		℃	0	1	36.60	36.60	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.63	36.62	36.63	36.63	36.63

					02-11 08:00	02-11 08:30	02-11 09:00	02-11 09:30	02-11 10:00	02-11 10:30	02-11 11:00	02-11 11:30	02-11 12:00	02-11 12:30	02-11 13:00	02-11 13:30	02-11 14:00	02-11 14:30	02-11 15:00	02-11 15:30
TSP	20	mg/Sm³	12	1	1.27	1.10	1.18	1.12	1.23	0.96	1.11	1.08	1.37	1.20	1.03	1.10	1.07	1.06	1.12	1.22
SOx	30	ppm	12	1	1.08	0.00	0.00	0.00	0.00	2.18	0.00	0.50	0.00	1.12	0.55	0.64	0.08	6.14	0.00	0.00
NOx	70	ppm	12	1	29.01	27.73	21.64	22.13	19.07	26.10	21.99	27.77	35.11	28.95	37.29	26.11	26.31	29.96	25.80	20.29
HCl	15	ppm	12	1	7.57	2.01	1.92	0.90	1.50	0.88	4.50	3.13	3.63	3.05	0.91	1.89	2.85	9.72	4.16	1.94
CO	50	ppm	12	1	20.05	0.51	0.49	0.36	0.92	0.23	0.26	0.19	0.33	0.72	0.19	11.39	0.33	0.32	0.35	0.52
O_2		%	0	0.1	9.53	7.47	8.30	7.65	8.94	5.65	7.57	7.03	10.09	7.84	6.58	7.34	7.09	7.03	7.62	8.77
FL1		Sm³	12	10	13,060	14,284	13,286	13,987	12,524	16,376	14,077	14,529	11,925	13,538	14,934	14,416	14,602	14,694	14,066	12,754
TMP		℃	0	1	180.54	181.10	181.45	180.75	179.75	179.45	181.05	181.38	181.03	181.14	180.24	181.07	181.73	181.59	181.37	181.25
TM1		℃	0	1	1,061.34	1,064.53	1,052.82	1,044.25	985.11	1,083.02	1,060.58	1,096.54	1,066.34	1,106.15	1,100.56	1,097.14	1,083.46	1,087.27	1,068.61	1,032.91
TM3		℃	0	1	36.63	36.62	36.63	36.62	36.60	36.59	36.60	36.60	36.61	36.62	36.62	36.63	36.63	36.63	36.63	36.63

					02-11 16:00	02-11 16:30	02-11 17:00	02-11 17:30	02-11 18:00	02-11 18:30	02-11 19:00	02-11 19:30	02-11 20:00	02-11 20:30	02-11 21:00	02-11 21:30	02-11 22:00	02-11 22:30	02-11 23:00	02-11 23:30
TSP	20	mg/Sm³	12	1	1.42	1.16	1.11	1.17	1.06	1.04	1.18	1.15	1.32	1.17	1.18	1.12	1.23	1.23	1.08	1.12
SOx	30	ppm	12	1	0.43	0.95	0.49	0.00	0.00	0.00	0.00	0.73	19.84	1.52	0.76	5.01	0.00	0.53	5.11	0.09
NOx	70	ppm	12	1	35.26	23.74	18.69	18.97	25.93	27.05	17.06	21.33	46.96	24.96	26.96	33.61	29.92	26.39	33.41	28.46
HCl	15	ppm	12	1	2.99	1.74	3.73	3.24	1.24	1.72	2.60	1.61	8.76	7.42	2.91	2.85	2.82	3.18	4.15	5.73
CO	50	ppm	12	1	0.30	0.52	0.28	0.39	0.21	0.14	0.32	0.39	0.13	0.18	0.24	0.18	0.26	0.42	0.22	0.22
O_2		%	0	0.1	10.10	7.68	7.45	8.19	6.78	6.44	8.37	7.85	8.33	7.98	7.99	7.30	8.68	8.55	6.95	7.36
FL1		Sm³	12	10	10,958	13,745	14,145	13,254	14,962	15,280	13,014	13,860	13,034	13,523	13,277	14,674	13,216	13,252	15,382	14,833
TMP		℃	0	1	180.80	180.62	181.76	182.11	181.89	182.36	181.99	181.10	181.64	181.75	180.98	181.32	181.66	181.60	181.93	182.28
TM1		℃	0	1	1,083.85	1,045.28	1,072.58	1,038.47	1,063.07	1,107.63	1,053.87	1,017.05	1,119.39	1,085.15	1,106.69	1,103.60	1,076.94	1,080.36	1,083.03	1,114.67
TM3		℃	0	1	36.63	36.62	36.63	36.63	36.62	36.62	36.62	36.63	36.63	36.62	36.62	36.62	36.62	36.62	36.62	36.62