12월 9일 굴뚝별 트랜드

					12-09 00:00	12-09 00:30	12-09 01:00	12-09 01:30	12-09 02:00	12-09 02:30	12-09 03:00	12-09 03:30	12-09 04:00	12-09 04:30	12-09 05:00	12-09 05:30	12-09 06:00	12-09 06:30	12-09 07:00	12-09 07:30
TSP	20	mg/Sm³	12	1	0.79	0.67	0.62	0.60	0.56	0.63	0.63	0.65	0.84	0.68	0.68	0.67	0.70	0.63	0.69	0.65
SOx	30	ppm	12	1	0.00	0.00	2.39	4.31	0.15	0.01	0.00	0.00	0.00	1.73	0.94	4.27	0.00	1.99	0.23	1.33
NOx	70	ppm	12	1	28.26	18.84	20.92	19.07	26.92	20.67	23.67	22.00	19.43	26.78	27.66	21.58	21.74	18.65	15.85	18.47
HCl	15	ppm	12	1	1.92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.42	0.00	0.00	0.35	0.48	0.38	0.64	0.21
CO	50	ppm	12	1	0.73	0.59	3.56	4.45	0.17	0.26	0.31	0.65	1.15	0.62	0.40	0.73	0.86	0.39	0.66	0.52
O_2		%	0	0.1	10.00	7.80	6.73	6.33	5.33	6.87	7.18	7.69	11.27	8.00	8.16	7.72	8.14	6.88	8.03	7.23
FL1		Sm³	12	10	11,890	13,283	14,624	15,127	16,212	13,928	13,560	12,959	10,080	13,555	13,183	13,733	13,255	14,670	13,596	14,597
TMP		℃	0	1	186.27	185.88	185.76	186.36	186.95	186.01	184.74	183.67	183.39	184.74	185.68	185.71	185.47	185.63	186.29	186.53
TM1		℃	0	1	1,021.55	1,023.81	1,047.24	1,072.47	1,106.33	1,086.52	1,068.63	1,031.32	992.60	1,041.68	1,040.33	1,029.64	1,005.04	1,051.61	994.22	1,016.10
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					12-09 08:00	12-09 08:30	12-09 09:00	12-09 09:30	12-09 10:00	12-09 10:30	12-09 11:00	12-09 11:30	12-09 12:00	12-09 12:30	12-09 13:00	12-09 13:30	12-09 14:00	12-09 14:30	12-09 15:00	12-09 15:30
TSP	20	mg/Sm³	12	1	0.80	0.64	0.63	0.65	0.63	0.62	0.63	0.64	0.83	0.59	0.62	0.65	0.69	0.61	0.63	0.59
SOx	30	ppm	12	1	11.40	0.04	1.67	0.11	7.34	2.10	0.00	0.00	0.00	0.32	0.00	0.00	0.00	0.00	0.00	0.06
NOx	70	ppm	12	1	31.97	22.89	25.84	26.61	28.22	29.12	28.04	25.72	30.12	22.93	21.50	19.87	20.52	25.49	20.77	21.78
HCl	15	ppm	12	1	2.48	0.03	0.00	0.03	0.38	2.36	0.79	1.20	2.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.26	0.26	0.27	0.27	0.57	0.17	0.26	3.01	80.18	5.22	1.93	0.55	0.78	0.28	0.30	0.21
O_2		%	0	0.1	8.52	6.79	6.67	7.10	6.58	6.73	6.93	6.95	10.25	6.06	6.72	7.47	8.47	7.04	7.20	6.25
FL1		Sm³	12	10	13,099	15,091	15,171	14,511	15,263	14,500	13,747	14,042	11,008	14,821	14,087	13,249	12,160	14,766	14,825	15,154
TMP		℃	0	1	187.56	187.90	187.26	186.83	186.88	186.68	184.96	183.91	183.95	184.34	184.18	183.83	183.40	183.02	185.42	186.99
TM1		℃	0	1	1,091.07	1,063.43	1,066.70	1,064.37	1,081.01	1,104.53	1,080.58	1,055.81	1,042.11	1,085.73	1,064.07	1,045.47	995.27	1,051.23	1,049.63	1,080.54
TM3		℃	0	1	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

					12-09 16:00	12-09 16:30	12-09 17:00	12-09 17:30	12-09 18:00	12-09 18:30	12-09 19:00	12-09 19:30	12-09 20:00	12-09 20:30	12-09 21:00	12-09 21:30	12-09 22:00	12-09 22:30	12-09 23:00	12-09 23:30
TSP	20	mg/Sm³	12	1	0.73	0.63	0.58	0.63	0.59	0.62	0.69	0.62	0.82	0.71	0.63	0.65	0.65	0.65	0.68	0.74
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.46	18.19	0.00	1.48	1.79	0.04	0.00	0.00	0.00
NOx	70	ppm	12	1	31.40	20.95	21.80	17.08	17.55	14.67	12.84	17.26	23.80	13.80	18.65	18.35	23.98	19.86	20.41	12.83
HCl	15	ppm	12	1	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5.29	0.44	0.15	3.13	2.35	1.63	1.67	2.41
CO	50	ppm	12	1	0.93	0.27	0.20	0.42	0.31	0.42	0.79	0.36	2.09	0.76	0.37	0.41	0.24	0.31	0.38	0.92
O_2		%	0	0.1	8.22	7.54	6.48	7.34	6.32	7.09	8.24	6.75	9.56	8.59	6.87	7.38	7.16	7.28	7.59	8.83
FL1		Sm³	12	10	12,467	13,140	14,409	13,400	14,667	13,555	12,863	14,943	11,681	12,777	14,916	14,092	14,465	14,342	13,959	12,339
TMP		℃	0	1	185.64	184.75	185.03	185.06	184.62	184.42	184.05	183.89	186.06	186.10	185.33	185.83	186.31	186.21	186.28	185.50
TM1		℃	0	1	1,127.29	1,075.85	1,087.76	1,040.31	1,067.81	1,034.40	984.50	1,049.83	1,081.69	986.03	1,040.73	1,030.68	1,052.23	1,043.15	1,022.15	966.17
TM3		℃	0	1	36.28	36.29	36.30	36.29	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28

12월 10일 굴뚝별 트랜드

					12-10 00:00	12-10 00:30	12-10 01:00	12-10 01:30	12-10 02:00	12-10 02:30	12-10 03:00	12-10 03:30	12-10 04:00	12-10 04:30	12-10 05:00	12-10 05:30	12-10 06:00	12-10 06:30	12-10 07:00	12-10 07:30
TSP	20	mg/Sm³	12	1	0.81	0.66	0.62	0.72	0.71	0.65	0.65	0.69	0.86	0.69	0.61	0.65	0.70	0.64	0.66	0.67
SOx	30	ppm	12	1	1.74	10.37	5.47	1.83	0.08	6.20	0.00	0.00	0.00	0.00	7.81	3.82	0.00	0.23	0.30	0.49
NOx	70	ppm	12	1	20.44	17.51	21.55	19.41	22.32	24.92	29.20	22.82	25.26	19.48	20.85	15.56	11.57	19.89	17.24	18.51
HCl	15	ppm	12	1	4.43	1.18	1.26	1.96	1.57	2.02	0.29	0.63	2.11	0.00	0.02	0.97	0.11	0.00	0.36	1.41
CO	50	ppm	12	1	0.95	0.43	0.24	0.54	0.58	4.71	0.25	0.45	0.48	0.71	0.30	0.37	0.55	0.20	0.27	0.27
O_2		%	0	0.1	10.16	7.31	6.34	8.15	8.07	6.64	6.71	7.61	10.37	7.79	6.24	6.87	7.95	6.73	7.27	7.43
FL1		Sm³	12	10	12,068	14,253	15,369	13,245	13,330	15,123	15,242	13,940	11,310	13,841	15,520	14,957	13,738	15,039	14,064	14,019
TMP		℃	0	1	184.52	185.10	186.49	186.26	185.48	185.80	186.35	185.48	185.63	185.94	186.02	186.59	186.30	185.96	186.12	185.53
TM1		℃	0	1	989.62	1,023.11	1,074.83	1,037.07	1,030.92	1,092.48	1,080.21	1,045.77	1,056.40	1,005.62	1,062.48	1,045.24	992.53	1,047.37	1,039.81	1,039.34
TM3		℃	0	1	36.28	36.28	36.28	36.29	36.29	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.28	36.29

					12-10 08:00	12-10 08:30	12-10 09:00	12-10 09:30	12-10 10:00	12-10 10:30	12-10 11:00	12-10 11:30	12-10 12:00	12-10 12:30	12-10 13:00	12-10 13:30	12-10 14:00	12-10 14:30	12-10 15:00	12-10 15:30
TSP	20	mg/Sm³	12	1	0.82	0.65	0.68	0.64	0.61	0.65	0.64	0.62	0.80	0.61	0.60	0.64	0.61	0.57	0.60	0.60
SOx	30	ppm	12	1	0.70	0.00	0.00	0.00	0.89	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	21.03	22.23	23.23	20.20	23.75	21.85	18.61	19.01	25.46	20.40	23.15	19.44	17.12	20.92	22.69	20.30
HCl	15	ppm	12	1	3.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.51	0.32	0.44	0.46	0.32	9.76	0.33	0.24	0.34	0.31	0.45	0.38	0.46	0.20	0.20	0.33
O_2		%	0	0.1	9.62	6.90	7.69	7.08	6.45	6.74	6.99	6.68	9.58	7.09	6.69	7.39	6.91	6.43	6.88	7.08
FL1		Sm³	12	10	12,131	14,858	13,484	14,500	15,295	14,605	13,778	14,184	11,424	13,555	14,308	13,586	13,659	13,910	13,759	13,793
TMP		℃	0	1	185.69	186.12	185.84	184.93	185.63	185.73	184.54	184.20	184.79	184.86	184.87	185.04	184.49	183.64	183.95	184.29
TM1		℃	0	1	1,046.23	1,050.53	1,030.32	1,039.51	1,060.53	1,050.98	1,044.26	1,052.59	1,048.15	1,042.23	1,057.64	1,026.63	1,033.21	1,068.85	1,070.55	1,040.86
TM3		℃	0	1	36.28	36.29	36.30	36.31	36.32	36.32	36.31	36.31	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-10 16:00	12-10 16:30	12-10 17:00	12-10 17:30	12-10 18:00	12-10 18:30	12-10 19:00	12-10 19:30	12-10 20:00	12-10 20:30	12-10 21:00	12-10 21:30	12-10 22:00	12-10 22:30	12-10 23:00	12-10 23:30
TSP	20	mg/Sm³	12	1	0.77	0.58	0.62	0.61	0.64	0.62	0.65	0.57	0.78	0.63	0.62	0.65	0.60	0.68	0.59	0.60
SOx	30	ppm	12	1	0.00	0.00	0.03	0.02	0.00	0.00	0.00	0.76	0.00	0.00	0.00	0.00	1.01	0.00	0.14	0.00
NOx	70	ppm	12	1	30.68	24.71	20.96	23.73	20.27	25.02	24.53	27.84	39.82	29.08	25.38	29.99	28.16	24.76	28.06	26.88
HCl	15	ppm	12	1	0.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.95	0.00	0.00	0.00	0.01	1.40	0.70	0.92
CO	50	ppm	12	1	0.22	0.33	0.45	0.30	0.50	0.39	0.45	0.29	0.21	0.30	0.38	0.55	0.47	0.73	0.33	0.25
O_2		%	0	0.1	9.92	6.40	7.20	6.92	7.41	6.99	7.60	5.67	8.73	7.00	7.04	7.61	6.63	8.17	6.14	6.46
FL1		Sm³	12	10	11,382	14,783	13,519	13,880	13,432	13,908	13,242	15,484	12,383	14,093	13,905	13,119	14,108	12,442	14,976	14,677
TMP		℃	0	1	184.48	185.35	185.52	185.15	185.22	185.45	185.43	185.51	186.31	186.22	185.39	184.99	184.43	184.25	184.26	185.47
TM1		℃	0	1	1,025.98	1,048.93	1,032.47	1,053.31	1,025.15	1,039.82	1,009.25	1,081.09	1,089.09	1,048.88	1,035.70	1,004.16	1,047.13	1,005.31	1,062.51	1,056.89
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

12월 11일 굴뚝별 트랜드

					12-11 00:00	12-11 00:30	12-11 01:00	12-11 01:30	12-11 02:00	12-11 02:30	12-11 03:00	12-11 03:30	12-11 04:00	12-11 04:30	12-11 05:00	12-11 05:30	12-11 06:00	12-11 06:30	12-11 07:00	12-11 07:30
TSP	20	mg/Sm³	12	1	0.77	0.61	0.65	0.68	0.58	0.60	0.62	0.64	0.81	0.65	0.63	0.60	0.58	0.67	0.60	0.59
SOx	30	ppm	12	1	0.62	0.41	0.00	0.00	0.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00
NOx	70	ppm	12	1	36.30	31.73	27.31	27.88	27.88	26.14	29.29	22.70	29.60	18.63	16.74	20.44	21.44	16.77	22.61	23.00
HCl	15	ppm	12	1	3.53	0.03	0.00	0.00	0.01	0.12	0.03	0.25	2.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	0.32	0.18	0.43	0.59	0.32	0.26	0.26	0.41	0.67	0.64	0.62	0.49	4.30	0.71	0.39	0.37
O_2		%	0	0.1	8.55	6.71	7.66	8.17	6.05	6.53	6.88	7.35	9.62	7.59	7.46	6.83	6.03	8.11	6.61	6.36
FL1		Sm³	12	10	12,555	14,242	13,205	12,504	15,037	14,540	13,997	13,330	10,958	13,207	13,403	14,236	15,043	12,695	14,568	14,500
TMP		℃	0	1	185.86	185.67	185.38	184.55	184.23	185.25	185.22	184.90	184.80	184.22	182.65	182.96	184.42	184.57	183.90	184.57
TM1		℃	0	1	1,087.42	1,085.59	1,035.77	1,001.15	1,071.70	1,052.47	1,058.55	1,054.97	1,043.69	997.55	985.23	1,016.25	1,044.59	995.56	1,031.03	1,053.93
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-11 08:00	12-11 08:30	12-11 09:00	12-11 09:30	12-11 10:00	12-11 10:30	12-11 11:00	12-11 11:30	12-11 12:00	12-11 12:30	12-11 13:00	12-11 13:30	12-11 14:00	12-11 14:30	12-11 15:00	12-11 15:30
TSP	20	mg/Sm³	12	1	0.78	0.67	0.58	0.56	0.64	0.55	0.63	0.56	0.78	0.63	0.62	0.61	0.65	0.66	0.67	0.64
SOx	30	ppm	12	1	0.00	0.00	0.00	0.16	0.01	0.21	0.10	4.38	0.00	0.00	0.00	1.71	1.79	2.97	3.48	3.20
NOx	70	ppm	12	1	35.51	22.96	27.10	24.41	24.67	24.32	18.18	22.82	31.78	25.24	27.27	27.21	26.47	24.91	22.94	23.76
HCl	15	ppm	12	1	1.36	0.00	0.00	0.00	0.29	0.00	0.00	0.00	1.50	0.00	0.00	1.03	6.36	9.09	9.63	11.87
CO	50	ppm	12	1	0.30	0.51	0.71	0.31	0.38	8.61	4.36	26.93	0.59	0.35	0.32	0.31	0.23	0.35	0.59	0.65
O_2		%	0	0.1	9.96	8.20	6.60	5.87	7.97	5.73	7.30	5.79	9.85	7.43	7.42	7.10	8.05	8.33	8.50	8.01
FL1		Sm³	12	10	11,094	12,382	14,314	14,865	12,475	15,398	13,408	14,944	11,265	13,174	13,142	13,512	12,183	11,965	11,877	12,631
TMP		℃	0	1	184.62	184.15	183.43	183.80	184.07	184.00	184.53	184.60	184.73	184.57	183.95	183.54	183.68	182.80	182.15	181.61
TM1		℃	0	1	1,055.02	1,019.52	1,039.33	1,072.83	1,033.51	1,079.55	1,031.60	1,090.69	1,055.28	1,049.67	1,048.35	1,060.87	1,044.78	1,038.83	1,028.17	1,025.94
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32

					12-11 16:00	12-11 16:30	12-11 17:00	12-11 17:30	12-11 18:00	12-11 18:30	12-11 19:00	12-11 19:30	12-11 20:00	12-11 20:30	12-11 21:00	12-11 21:30	12-11 22:00	12-11 22:30	12-11 23:00	12-11 23:30
TSP	20	mg/Sm³	12	1	0.80	0.69	0.65	0.61	0.72	0.57	0.67	0.62	0.82	0.61	0.61	0.65	0.63	0.67	0.62	0.60
SOx	30	ppm	12	1	0.01	1.85	0.00	0.00	0.00	0.36	0.00	0.25	0.00	4.29	0.16	0.02	0.00	0.00	0.02	0.51
NOx	70	ppm	12	1	28.00	25.27	27.07	29.57	27.56	28.26	27.36	29.16	36.76	24.97	27.49	28.07	26.29	25.19	28.68	31.16
HCl	15	ppm	12	1	9.06	5.83	3.22	0.16	1.74	0.14	0.69	0.27	2.31	0.24	0.55	0.21	0.07	1.34	1.05	1.27
CO	50	ppm	12	1	0.94	0.73	0.51	0.17	0.65	0.60	0.28	0.23	0.61	21.25	0.43	0.43	0.47	0.69	0.42	0.20
O_2		%	0	0.1	11.15	8.55	7.95	7.03	9.14	6.22	8.45	7.31	10.47	6.84	6.98	7.36	7.02	8.23	7.19	6.55
FL1		Sm³	12	10	10,804	12,614	13,261	14,496	11,839	14,899	12,405	13,937	10,634	14,442	14,403	14,127	14,547	12,916	14,517	14,869
TMP		℃	0	1	182.45	183.33	183.50	183.89	184.35	183.68	183.81	184.24	184.87	184.72	185.17	185.95	186.30	185.31	184.84	186.26
TM1		℃	0	1	994.64	1,024.19	1,029.37	1,072.41	986.43	1,105.20	1,031.23	1,070.15	1,046.49	1,061.16	1,059.45	1,040.54	1,036.70	995.94	1,044.51	1,085.55
TM3		℃	0	1	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32	36.32