11월 9일 굴뚝별 트랜드

					11-09 00:00	11-09 00:30	11-09 01:00	11-09 01:30	11-09 02:00	11-09 02:30	11-09 03:00	11-09 03:30	11-09 04:00	11-09 04:30	11-09 05:00	11-09 05:30	11-09 06:00	11-09 06:30	11-09 07:00	11-09 07:30
TSP	20	mg/Sm³	12	1	0.72	0.52	0.52	0.59	0.52	0.51	0.47	0.52	0.71	0.55	0.54	0.49	0.60	0.54	0.51	0.51
SOx	30	ppm	12	1	0.00	0.01	0.00	0.00	0.04	2.83	3.47	0.83	0.51	0.00	0.00	0.44	0.00	0.00	0.15	0.10
NOx	70	ppm	12	1	26.32	20.16	25.47	15.02	21.71	16.39	22.61	19.15	35.36	20.87	22.34	25.41	14.97	19.39	23.14	18.66
HCl	15	ppm	12	1	2.05	1.00	1.22	1.89	1.17	2.55	2.65	4.56	4.49	2.51	2.60	2.13	3.57	1.79	2.34	3.85
CO	50	ppm	12	1	0.42	0.22	0.11	0.52	11.91	3.07	15.08	2.76	0.28	0.50	0.46	0.15	0.77	0.51	0.35	0.39
O_2		%	0	0.1	10.00	6.36	6.32	8.04	6.22	5.97	4.39	6.23	9.52	7.09	6.97	5.69	8.57	7.23	6.17	6.16
FL1		Sm³	12	10	11,009	14,582	14,631	12,881	15,169	15,657	17,576	15,086	11,583	14,219	14,062	15,496	12,291	13,832	15,357	15,296
TMP		℃	0	1	184.27	184.40	184.71	184.92	185.26	186.08	187.25	187.03	186.46	186.39	185.79	185.45	185.04	184.40	185.42	186.56
TM1		℃	0	1	1,027.62	1,058.57	1,077.83	1,008.62	1,046.70	1,048.24	1,109.41	1,058.80	1,064.40	1,024.91	1,018.11	1,084.65	991.87	1,004.21	1,045.90	1,040.92
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

					11-09 08:00	11-09 08:30	11-09 09:00	11-09 09:30	11-09 10:00	11-09 10:30	11-09 11:00	11-09 11:30	11-09 12:00	11-09 12:30	11-09 13:00	11-09 13:30	11-09 14:00	11-09 14:30	11-09 15:00	11-09 15:30
TSP	20	mg/Sm³	12	1	0.67	0.49	0.52	0.54	0.51	0.48	0.49	0.54	0.67	0.55	0.53	0.53	0.50	0.49	0.53	0.52
SOx	30	ppm	12	1	0.28	0.37	0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	1.55	0.49	1.02	0.86
NOx	70	ppm	12	1	18.39	16.11	17.18	13.34	9.99	16.24	15.85	10.27	14.00	12.01	10.29	9.76	10.12	14.68	11.60	12.63
HCl	15	ppm	12	1	4.11	2.22	2.13	1.31	0.22	0.23	0.33	0.65	1.06	0.39	0.02	0.18	0.75	1.84	4.78	5.40
CO	50	ppm	12	1	3.02	7.88	0.91	0.45	0.78	10.85	0.34	0.33	0.53	0.39	0.36	0.46	8.85	0.56	0.64	0.30
O_2		%	0	0.1	9.13	5.40	6.32	6.49	6.11	5.09	5.38	6.72	8.88	6.91	6.67	6.71	5.81	5.54	6.43	6.32
FL1		Sm³	12	10	12,414	16,188	15,061	15,032	15,063	16,558	16,454	14,816	12,818	14,349	14,451	14,722	15,989	16,212	14,973	15,027
TMP		℃	0	1	186.72	186.85	186.90	186.76	186.37	185.85	186.70	186.94	186.71	186.45	185.76	185.62	186.24	187.00	186.85	186.07
TM1		℃	0	1	1,028.96	1,070.95	1,057.59	1,018.80	1,031.69	1,062.66	1,068.23	1,015.57	1,006.99	1,013.42	1,009.04	1,008.96	1,033.22	1,056.18	1,029.41	1,027.85
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

					11-09 16:00	11-09 16:30	11-09 17:00	11-09 17:30	11-09 18:00	11-09 18:30	11-09 19:00	11-09 19:30	11-09 20:00	11-09 20:30	11-09 21:00	11-09 21:30	11-09 22:00	11-09 22:30	11-09 23:00	11-09 23:30
TSP	20	mg/Sm³	12	1	0.68	0.51	0.53	0.49	0.53	0.50	0.55	0.53	0.71	0.55	0.54	0.53	0.56	0.61	0.56	0.56
SOx	30	ppm	12	1	4.11	2.36	1.48	0.39	0.02	3.32	0.00	0.00	0.00	0.00	0.16	0.00	0.11	0.00	3.56	4.27
NOx	70	ppm	12	1	17.93	11.21	11.27	9.72	12.98	19.52	19.43	22.01	15.51	17.43	15.92	19.43	16.99	18.54	17.20	14.89
HCl	15	ppm	12	1	9.24	6.10	6.27	2.72	4.36	4.48	5.88	4.08	6.74	1.94	1.89	0.68	1.75	2.51	5.07	10.47
CO	50	ppm	12	1	0.59	1.53	0.42	16.09	0.58	17.01	0.29	0.24	0.71	0.28	0.23	0.26	0.27	0.48	0.40	0.45
O_2		%	0	0.1	9.10	6.02	6.41	4.97	6.25	5.04	6.20	5.68	9.61	6.46	5.94	5.79	6.80	7.82	6.74	6.71
FL1		Sm³	12	10	12,503	15,765	15,119	17,052	15,355	16,751	15,472	15,970	12,233	15,186	15,683	15,993	14,284	13,220	14,585	14,079
TMP		℃	0	1	186.22	186.76	186.70	186.61	186.72	186.68	186.65	186.46	185.49	185.70	186.28	186.21	185.22	184.54	184.47	184.79
TM1		℃	0	1	1,040.67	1,025.97	1,031.95	1,065.81	1,037.03	1,076.71	1,056.09	1,079.15	1,017.53	1,037.83	1,061.09	1,072.65	1,040.61	994.35	1,036.60	1,014.86
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	36.40	36.41

11월 10일 굴뚝별 트랜드

					11-10 00:00	11-10 00:30	11-10 01:00	11-10 01:30	11-10 02:00	11-10 02:30	11-10 03:00	11-10 03:30	11-10 04:00	11-10 04:30	11-10 05:00	11-10 05:30	11-10 06:00	11-10 06:30	11-10 07:00	11-10 07:30
TSP	20	mg/Sm³	12	1	0.69	0.50	0.51	0.53	0.51	0.54	0.51	0.51	0.70	0.50	0.58	0.56	0.57	0.54	0.54	0.53
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.19	0.14	0.26	0.42	0.00	0.83	0.00	0.00	0.00	0.00	0.00	0.16
NOx	70	ppm	12	1	22.48	16.30	15.96	17.54	15.13	13.28	17.22	14.54	22.18	18.89	19.02	21.03	14.52	19.26	11.74	15.79
HCl	15	ppm	12	1	7.84	1.32	1.27	1.69	1.77	2.94	2.01	1.68	4.13	1.15	3.64	1.87	3.03	1.92	1.49	1.12
CO	50	ppm	12	1	1.32	4.34	0.38	0.37	2.81	8.91	5.94	36.60	2.52	6.94	1.29	1.43	1.51	0.43	3.74	20.14
O_2		%	0	0.1	8.45	5.14	5.44	5.97	5.05	5.95	5.01	4.85	8.41	4.79	6.90	6.36	6.77	5.89	5.81	5.49
FL1		Sm³	12	10	12,275	15,885	15,369	14,778	15,958	14,832	16,081	16,076	12,418	16,230	13,692	14,382	14,132	16,152	15,159	15,439
TMP		℃	0	1	183.68	183.93	184.06	183.85	184.05	184.16	184.19	184.60	184.09	184.20	183.82	183.20	182.46	183.79	185.01	183.83
TM1		℃	0	1	1,065.35	1,066.95	1,069.83	1,050.34	1,084.26	1,059.81	1,084.06	1,083.90	1,066.07	1,097.23	1,037.36	1,035.84	1,024.77	1,059.45	1,059.47	1,059.51
TM3		℃	0	1	36.41	36.41	36.41	36.41	36.41	36.41	36.41	36.42	36.42	36.41	36.41	36.40	36.40	36.41	36.41	36.40

					11-10 08:00	11-10 08:30	11-10 09:00	11-10 09:30	11-10 10:00	11-10 10:30	11-10 11:00	11-10 11:30	11-10 12:00	11-10 12:30	11-10 13:00	11-10 13:30	11-10 14:00	11-10 14:30	11-10 15:00	11-10 15:30
TSP	20	mg/Sm³	12	1	0.73	0.58	0.52	0.55	0.57	0.53	0.51	0.56	0.66	0.50	0.56	0.49	0.51	0.49	0.56	0.47
SOx	30	ppm	12	1	0.00	0.00	0.07	0.00	0.22	0.05	0.34	0.00	0.00	0.00	0.00	0.06	0.00	0.39	0.00	0.53
NOx	70	ppm	12	1	21.90	16.18	22.26	19.97	15.93	17.51	17.24	15.66	23.36	19.65	11.27	15.90	17.87	17.86	16.93	17.19
HCl	15	ppm	12	1	2.34	1.14	1.71	4.17	4.68	6.74	5.42	5.06	3.55	1.82	2.08	0.77	1.18	1.07	1.87	1.11
CO	50	ppm	12	1	0.79	0.44	0.23	0.31	1.30	9.06	0.34	0.46	0.81	0.32	0.49	13.87	0.27	27.38	0.78	34.79
O_2		%	0	0.1	8.72	6.88	5.45	6.23	6.75	5.99	5.65	7.08	7.91	5.81	7.32	5.24	5.92	5.33	7.40	4.90
FL1		Sm³	12	10	11,545	13,892	15,336	14,352	13,862	14,611	15,040	13,349	12,227	14,894	13,123	15,351	14,519	15,002	12,831	15,788
TMP		℃	0	1	183.70	183.63	183.50	183.85	183.96	183.14	183.77	183.86	182.81	183.40	183.87	183.50	183.95	183.79	183.70	183.86
TM1		℃	0	1	1,081.17	1,016.87	1,073.65	1,064.60	1,029.58	1,047.83	1,075.01	1,021.47	1,082.13	1,082.97	1,003.13	1,065.45	1,060.79	1,086.83	1,022.85	1,083.07
TM3		℃	0	1	36.41	36.41	36.41	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

					11-10 16:00	11-10 16:30	11-10 17:00	11-10 17:30	11-10 18:00	11-10 18:30	11-10 19:00	11-10 19:30	11-10 20:00	11-10 20:30	11-10 21:00	11-10 21:30	11-10 22:00	11-10 22:30	11-10 23:00	11-10 23:30
TSP	20	mg/Sm³	12	1	0.70	0.48	0.55	0.52	0.57	0.57	0.51	0.53	0.73	0.53	0.53	0.52	0.52	0.50	0.52	0.60
SOx	30	ppm	12	1	0.00	0.35	0.00	0.00	0.00	0.00	9.31	0.52	0.00	0.00	0.00	0.00	0.00	0.05	0.00	0.00
NOx	70	ppm	12	1	13.91	12.52	15.56	17.92	7.94	11.10	17.97	17.67	17.84	14.19	12.05	15.70	16.51	17.66	16.92	13.97
HCl	15	ppm	12	1	2.87	0.42	0.65	0.43	1.35	0.68	3.45	4.24	3.79	0.72	0.58	0.52	0.69	0.65	1.04	2.00
CO	50	ppm	12	1	1.18	31.39	0.67	0.47	0.75	0.74	0.28	0.23	0.49	0.24	14.14	0.31	0.28	2.51	3.13	0.47
O_2		%	0	0.1	9.64	5.12	7.26	6.19	7.38	7.00	5.46	5.71	9.26	5.74	5.65	5.72	5.69	4.84	5.42	7.39
FL1		Sm³	12	10	10,714	15,201	12,874	14,307	13,138	14,613	16,255	14,959	11,524	15,007	15,183	14,992	15,098	15,902	15,242	13,001
TMP		℃	0	1	184.41	184.06	183.84	183.86	183.89	183.79	185.68	186.03	184.52	184.36	184.96	185.07	184.71	184.84	184.76	184.10
TM1		℃	0	1	1,009.14	1,076.14	1,023.32	1,048.01	981.82	993.97	1,075.63	1,064.42	1,027.47	1,045.61	1,049.43	1,059.33	1,053.40	1,106.36	1,079.29	1,017.01
TM3		℃	0	1	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.40	36.41	36.40	36.41	36.43	36.44	36.44	36.44	36.44

11월 11일 굴뚝별 트랜드

					11-11 00:00	11-11 00:30	11-11 01:00	11-11 01:30	11-11 02:00	11-11 02:30	11-11 03:00	11-11 03:30	11-11 04:00	11-11 04:30	11-11 05:00	11-11 05:30	11-11 06:00	11-11 06:30	11-11 07:00	11-11 07:30
TSP	20	mg/Sm³	12	1	0.71	0.54	0.59	0.51	0.59	0.56	0.53	0.54	0.71	0.59	0.59	0.56	0.61	0.58	0.66	0.57
SOx	30	ppm	12	1	0.01	0.01	0.00	0.00	0.00	0.00	0.14	0.24	1.03	0.01	0.16	0.08	0.00	2.02	0.06	3.39
NOx	70	ppm	12	1	19.42	14.44	14.18	16.74	14.21	16.65	17.60	19.37	26.46	19.22	18.20	18.30	18.84	25.43	20.26	24.61
HCl	15	ppm	12	1	1.61	0.69	0.67	0.09	1.31	0.53	0.96	1.08	1.19	1.38	2.25	4.51	4.29	4.12	6.69	2.91
CO	50	ppm	12	1	7.30	6.23	0.43	7.91	0.33	0.37	0.74	15.39	99.49	0.53	0.74	0.98	0.56	0.29	0.55	0.37
O_2		%	0	0.1	7.91	5.39	6.67	4.57	7.01	6.45	5.44	5.57	8.35	6.92	6.93	6.19	7.49	6.19	8.04	5.83
FL1		Sm³	12	10	12,597	15,425	14,043	16,242	13,485	14,283	15,034	14,951	12,485	13,587	13,571	14,424	13,755	15,495	13,361	15,921
TMP		℃	0	1	183.23	183.84	184.30	184.02	184.09	183.35	183.02	183.57	183.95	183.96	183.25	182.40	182.72	183.71	185.95	185.73
TM1		℃	0	1	1,060.13	1,075.54	1,015.38	1,108.75	1,030.43	1,027.61	1,090.41	1,079.40	1,109.46	1,042.93	1,023.00	1,032.44	996.54	1,068.95	1,012.41	1,074.61
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					11-11 08:00	11-11 08:30	11-11 09:00	11-11 09:30	11-11 10:00	11-11 10:30	11-11 11:00	11-11 11:30	11-11 12:00	11-11 12:30	11-11 13:00	11-11 13:30	11-11 14:00	11-11 14:30	11-11 15:00	11-11 15:30
TSP	20	mg/Sm³	12	1	0.82	0.53	0.59	0.57	0.62	0.52	0.55	0.55	0.69	0.50	0.53	0.56	0.52	0.51	0.53	0.52
SOx	30	ppm	12	1	1.28	0.00	0.00	0.00	0.00	0.79	0.00	0.00	0.22	1.67	0.25	0.00	0.05	0.38	0.00	0.00
NOx	70	ppm	12	1	18.39	19.56	18.74	18.51	14.79	18.33	17.34	16.79	22.63	16.25	19.73	18.61	18.73	14.04	16.01	19.30
HCl	15	ppm	12	1	6.24	0.23	1.77	1.63	1.36	1.66	4.23	3.49	4.84	2.41	4.54	3.57	1.80	2.43	1.26	0.99
CO	50	ppm	12	1	0.94	5.99	0.60	0.32	0.98	2.34	0.32	0.32	0.48	22.55	1.17	0.34	2.86	16.84	0.28	0.27
O_2		%	0	0.1	10.92	5.10	6.87	6.56	7.77	5.34	6.50	6.79	9.11	5.47	6.55	7.36	6.18	5.69	6.65	6.00
FL1		Sm³	12	10	10,311	15,739	13,706	14,032	13,172	15,540	13,829	13,364	10,911	15,001	13,802	12,742	14,129	14,695	13,997	14,731
TMP		℃	0	1	184.79	182.95	183.26	183.85	183.05	182.99	184.32	183.55	182.52	183.24	184.43	183.84	182.86	183.50	183.96	184.05
TM1		℃	0	1	981.59	1,073.38	1,027.55	1,040.50	971.28	1,063.93	1,031.15	1,046.10	1,059.15	1,081.40	1,062.10	1,019.24	1,047.00	1,084.37	1,031.97	1,042.99
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44

					11-11 16:00	11-11 16:30	11-11 17:00	11-11 17:30	11-11 18:00	11-11 18:30	11-11 19:00	11-11 19:30	11-11 20:00	11-11 20:30	11-11 21:00	11-11 21:30	11-11 22:00	11-11 22:30	11-11 23:00	11-11 23:30
TSP	20	mg/Sm³	12	1	0.67	0.57	0.55	0.65	0.61	0.59	0.61	0.55	0.73	0.51	0.56	0.53	0.60	0.62	0.57	0.56
SOx	30	ppm	12	1	3.47	0.00	0.00	0.00	0.00	2.26	0.00	0.68	0.00	3.06	1.02	1.41	1.19	0.00	0.00	0.20
NOx	70	ppm	12	1	26.19	19.34	19.16	14.10	22.30	20.91	19.43	23.55	19.27	19.58	19.62	21.04	20.07	19.25	22.84	23.86
HCl	15	ppm	12	1	2.71	3.26	2.15	2.41	1.26	4.40	6.23	3.05	5.48	1.91	4.56	2.56	6.95	4.39	3.20	5.27
CO	50	ppm	12	1	29.93	0.44	9.98	0.65	0.41	0.32	0.43	0.22	0.44	34.85	2.38	11.51	0.65	0.50	0.39	0.26
O_2		%	0	0.1	7.86	7.05	6.65	8.92	7.44	6.69	7.51	5.85	9.22	4.94	6.27	5.05	6.96	7.19	6.49	6.21
FL1		Sm³	12	10	12,645	13,205	13,330	11,215	14,001	14,932	13,611	15,437	11,231	15,625	14,209	15,659	13,453	13,301	14,179	14,275
TMP		℃	0	1	184.29	184.37	183.58	182.35	182.23	184.60	185.12	185.11	184.71	184.19	184.50	184.52	184.50	184.12	183.99	184.16
TM1		℃	0	1	1,079.00	1,042.25	1,047.57	984.49	1,010.75	1,033.01	1,004.72	1,064.80	1,030.89	1,097.70	1,069.89	1,100.17	1,052.31	1,024.84	1,036.05	1,065.68
TM3		℃	0	1	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44	36.44