9월 25일 굴뚝별 트랜드

					09-25 00:00	09-25 00:30	09-25 01:00	09-25 01:30	09-25 02:00	09-25 02:30	09-25 03:00	09-25 03:30	09-25 04:00	09-25 04:30	09-25 05:00	09-25 05:30	09-25 06:00	09-25 06:30	09-25 07:00	09-25 07:30
TSP	20	mg/Sm³	12	1	0.64	0.49	0.51	0.52	0.55	0.47	0.60	0.50	0.68	0.54	0.51	0.59	0.57	0.54	0.58	0.52
SOx	30	ppm	12	1	0.07	0.21	0.10	0.06	0.09	0.11	0.02	2.19	0.00	0.62	0.61	0.00	0.00	3.30	0.00	0.00
NOx	70	ppm	12	1	25.28	15.71	14.96	16.35	12.75	17.15	15.70	19.19	21.85	15.89	22.29	18.40	22.66	21.55	22.28	18.21
HCl	15	ppm	12	1	3.41	4.37	5.15	3.13	5.05	3.12	5.68	6.28	12.50	6.01	2.49	5.79	5.76	9.01	4.91	2.65
CO	50	ppm	12	1	6.98	21.21	27.15	35.12	18.15	43.21	1.02	8.88	1.06	24.00	2.81	1.10	1.05	0.73	0.84	1.75
O_2		%	0	0.1	8.37	6.19	6.68	6.93	7.75	5.53	8.65	6.26	10.47	7.08	6.38	8.51	8.08	7.01	8.01	6.66
FL1		Sm³	12	10	12,265	14,366	13,764	13,660	12,864	15,248	12,112	15,482	11,487	13,680	15,283	12,429	13,017	14,290	13,205	13,724
TMP		℃	0	1	184.72	184.48	184.71	183.84	183.76	184.13	183.82	184.11	185.17	185.12	184.49	184.18	184.13	184.36	184.27	183.09
TM1		℃	0	1	1,061.75	1,025.69	1,010.12	1,002.42	952.10	1,042.10	918.81	1,036.47	967.83	1,016.70	1,043.79	986.49	1,004.01	1,045.97	995.28	1,038.09
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					09-25 08:00	09-25 08:30	09-25 09:00	09-25 09:30	09-25 10:00	09-25 10:30	09-25 11:00	09-25 11:30	09-25 12:00	09-25 12:30	09-25 13:00	09-25 13:30	09-25 14:00	09-25 14:30	09-25 15:00	09-25 15:30
TSP	20	mg/Sm³	12	1	0.65	0.51	0.46	0.51	0.49	0.47	0.48	0.49	0.64	0.49	0.45	0.47	0.47	0.46	0.45	0.48
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	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	20.57	14.73	17.19	17.17	15.43	12.86	15.31	15.61	15.59	10.81	12.81	10.70	12.48	11.53	9.94	8.61
HCl	15	ppm	12	1	2.92	2.15	1.08	1.35	0.85	0.92	1.09	1.62	2.34	1.40	1.34	1.48	1.28	1.46	1.41	1.42
CO	50	ppm	12	1	1.92	22.84	15.55	0.72	1.30	9.53	1.20	3.22	7.22	0.63	12.03	14.79	0.98	3.64	19.54	8.70
O_2		%	0	0.1	9.43	6.78	5.93	7.17	6.59	6.18	6.29	6.36	9.23	6.73	5.56	6.34	6.47	6.27	5.90	6.83
FL1		Sm³	12	10	11,100	13,517	14,471	13,298	14,036	14,439	14,406	14,215	11,160	13,567	15,040	14,076	13,927	14,093	14,462	13,588
TMP		℃	0	1	182.09	181.24	181.16	182.01	182.41	182.89	183.74	184.40	184.00	183.88	184.54	184.73	184.70	184.82	184.43	184.48
TM1		℃	0	1	1,019.63	1,031.27	1,062.07	1,012.01	1,022.95	1,026.35	1,033.91	1,025.27	1,019.60	1,024.16	1,058.09	1,043.53	1,034.34	1,036.55	1,046.35	1,014.95
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.14	36.14	36.13	36.13	36.14

					09-25 16:00	09-25 16:30	09-25 17:00	09-25 17:30	09-25 18:00	09-25 18:30	09-25 19:00	09-25 19:30	09-25 20:00	09-25 20:30	09-25 21:00	09-25 21:30	09-25 22:00	09-25 22:30	09-25 23:00	09-25 23:30
TSP	20	mg/Sm³	12	1	0.61	0.51	0.44	0.47	0.46	0.47	0.47	0.48	0.67	0.53	0.52	0.50	0.50	0.52	0.48	0.53
SOx	30	ppm	12	1	3.28	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.60	5.09	0.00	0.00	0.00
NOx	70	ppm	12	1	11.94	9.30	13.25	9.58	13.73	14.49	10.87	11.57	13.49	13.24	10.20	12.15	9.44	8.83	7.29	7.35
HCl	15	ppm	12	1	1.64	0.14	0.02	0.11	0.09	0.52	0.69	1.05	1.28	0.34	0.37	1.06	3.26	3.66	2.18	2.18
CO	50	ppm	12	1	106.15	2.04	13.84	3.17	10.78	1.04	25.03	5.23	6.15	0.89	1.06	0.79	9.19	0.71	3.68	0.68
O_2		%	0	0.1	6.42	7.16	5.30	6.35	5.81	6.17	6.06	6.41	10.22	7.62	7.05	6.33	6.06	6.70	5.94	7.43
FL1		Sm³	12	10	12,397	13,425	15,251	13,769	14,520	14,105	14,524	14,143	10,134	13,955	14,755	15,398	15,742	14,512	14,638	13,925
TMP		℃	0	1	185.63	185.36	184.74	183.97	184.22	184.20	184.25	184.09	183.82	184.24	186.00	187.49	188.39	188.06	186.64	186.37
TM1		℃	0	1	1,106.20	1,005.26	1,064.15	1,057.45	1,081.28	1,063.40	1,052.17	1,039.41	978.22	971.43	978.84	1,009.13	1,024.23	1,006.51	1,029.05	989.31
TM3		℃	0	1	36.14	36.14	36.15	36.15	36.15	36.15	36.15	36.15	36.15	36.15	36.14	36.14	36.14	36.14	36.14	36.14

9월 26일 굴뚝별 트랜드

					09-26 00:00	09-26 00:30	09-26 01:00	09-26 01:30	09-26 02:00	09-26 02:30	09-26 03:00	09-26 03:30	09-26 04:00	09-26 04:30	09-26 05:00	09-26 05:30	09-26 06:00	09-26 06:30	09-26 07:00	09-26 07:30
TSP	20	mg/Sm³	12	1	0.64	0.49	0.51	0.50	0.52	0.53	0.50	0.52	0.65	0.49	0.51	0.48	0.52	0.49	0.54	0.52
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.46	0.16	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	10.22	13.08	17.47	19.44	19.09	17.77	16.05	13.11	17.53	16.80	9.67	14.41	14.43	19.61	11.59	9.36
HCl	15	ppm	12	1	2.66	1.33	1.05	1.09	1.59	1.15	1.24	1.41	1.78	1.13	0.90	0.68	0.63	0.46	1.11	0.56
CO	50	ppm	12	1	0.63	0.21	0.28	0.33	0.47	0.60	0.52	0.51	0.63	0.26	20.72	8.93	1.05	0.27	0.37	1.74
O_2		%	0	0.1	8.77	6.59	7.27	6.88	7.38	7.09	6.09	6.81	9.07	6.10	6.58	5.91	6.64	5.86	7.09	6.84
FL1		Sm³	12	10	11,996	14,120	13,579	14,107	13,283	13,844	14,792	14,152	11,987	14,858	14,525	15,103	14,544	15,297	13,727	13,146
TMP		℃	0	1	186.30	185.70	185.44	185.58	185.40	184.78	185.29	185.38	185.78	185.52	185.03	184.95	185.46	185.93	185.80	184.15
TM1		℃	0	1	1,053.35	1,070.57	1,039.22	1,042.38	1,024.56	1,010.32	1,037.01	1,010.99	1,017.85	1,048.70	1,024.16	1,057.14	1,040.40	1,065.02	1,008.92	1,009.61
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.14	36.13	36.13	36.14	36.13	36.13	36.13	36.13	36.13	36.13

					09-26 08:00	09-26 08:30	09-26 09:00	09-26 09:30	09-26 10:00	09-26 10:30	09-26 11:00	09-26 11:30	09-26 12:00	09-26 12:30	09-26 13:00	09-26 13:30	09-26 14:00	09-26 14:30	09-26 15:00	09-26 15:30
TSP	20	mg/Sm³	12	1	0.64	0.49	0.47	0.50	0.47	0.47	0.46	0.47	0.62	0.47	0.45	0.46	0.49	0.49	0.46	0.45
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.18	2.24
NOx	70	ppm	12	1	12.51	10.88	11.47	15.38	13.78	17.54	17.04	15.92	23.46	19.62	19.06	17.68	15.34	20.44	18.76	16.44
HCl	15	ppm	12	1	0.38	0.20	0.12	0.19	0.69	0.19	0.37	0.59	0.49	0.06	0.00	0.03	0.03	0.02	0.70	1.33
CO	50	ppm	12	1	7.42	0.95	13.95	12.68	30.30	1.82	1.82	1.61	0.68	0.56	9.37	3.11	6.35	6.16	0.82	42.45
O_2		%	0	0.1	9.28	6.61	6.16	6.49	5.97	6.33	6.13	6.35	9.27	6.28	5.94	6.37	7.13	7.14	6.42	5.68
FL1		Sm³	12	10	10,733	13,066	13,649	13,451	13,663	13,557	13,881	13,591	10,844	13,558	13,939	13,409	12,507	12,733	13,213	14,098
TMP		℃	0	1	183.46	183.68	183.36	183.61	183.18	183.32	183.64	183.86	183.24	183.00	182.72	182.60	181.40	181.30	181.34	182.01
TM1		℃	0	1	1,034.11	1,046.87	1,083.25	1,063.98	1,078.18	1,051.79	1,057.77	1,049.09	1,040.97	1,053.43	1,048.00	1,035.27	1,012.66	1,003.37	1,031.22	1,068.61
TM3		℃	0	1	36.13	36.14	36.15	36.15	36.16	36.14	36.14	36.14	36.14	36.14	36.14	36.14	36.13	36.13	36.14	36.14

					09-26 16:00	09-26 16:30	09-26 17:00	09-26 17:30	09-26 18:00	09-26 18:30	09-26 19:00	09-26 19:30	09-26 20:00	09-26 20:30	09-26 21:00	09-26 21:30	09-26 22:00	09-26 22:30	09-26 23:00	09-26 23:30
TSP	20	mg/Sm³	12	1	0.61	0.48	0.48	0.47	0.46	0.51	0.52	0.52	0.64	0.51	0.51	0.51	0.53	0.52	0.51	0.49
SOx	30	ppm	12	1	0.90	0.00	0.55	0.00	1.42	0.00	0.00	0.00	0.00	0.00	0.43	0.00	0.00	0.00	0.57	0.36
NOx	70	ppm	12	1	28.38	19.27	22.38	18.63	21.42	20.08	20.96	20.06	31.41	26.35	21.19	17.45	22.84	19.10	21.48	20.71
HCl	15	ppm	12	1	0.96	0.41	1.20	1.60	2.06	2.69	1.37	1.47	2.25	3.90	6.26	5.93	5.13	4.12	5.61	5.26
CO	50	ppm	12	1	15.42	0.68	0.59	0.69	20.05	0.75	0.63	0.73	0.74	0.77	0.98	0.61	0.47	0.72	0.86	0.76
O_2		%	0	0.1	9.51	6.81	6.87	6.64	6.18	7.30	7.10	7.30	9.10	6.52	6.38	6.68	7.11	6.96	6.09	5.66
FL1		Sm³	12	10	10,989	13,402	12,988	12,982	14,659	13,581	14,177	13,788	12,493	14,800	14,836	14,406	13,766	14,201	15,440	16,001
TMP		℃	0	1	182.47	182.78	182.45	181.76	182.02	183.07	184.32	184.54	184.51	185.75	186.37	186.21	186.05	185.66	186.16	187.06
TM1		℃	0	1	1,052.88	1,043.69	1,051.06	1,052.95	1,072.96	1,040.61	1,024.40	1,021.83	1,058.03	1,051.77	1,052.51	1,037.65	1,035.85	1,035.50	1,051.23	1,055.35
TM3		℃	0	1	36.15	36.15	36.15	36.15	36.14	36.14	36.16	36.16	36.16	36.16	36.15	36.14	36.15	36.14	36.13	36.13

9월 27일 굴뚝별 트랜드

					09-27 00:00	09-27 00:30	09-27 01:00	09-27 01:30	09-27 02:00	09-27 02:30	09-27 03:00	09-27 03:30	09-27 04:00	09-27 04:30	09-27 05:00	09-27 05:30	09-27 06:00	09-27 06:30	09-27 07:00	09-27 07:30
TSP	20	mg/Sm³	12	1	0.67	0.52	0.51	0.47	0.50	0.50	0.49	0.49	0.65	0.49	0.49	0.48	0.47	0.51	0.47	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.20	0.00	0.00	0.00	0.00	0.04	0.00	0.00	0.00	0.11	0.00	0.06	0.00
NOx	70	ppm	12	1	22.27	16.48	17.69	18.52	17.74	16.88	16.48	15.44	23.20	18.91	18.58	16.43	18.74	17.40	18.60	19.47
HCl	15	ppm	12	1	6.55	3.85	3.91	4.30	5.32	3.90	2.85	2.56	3.96	2.42	2.66	2.58	1.86	2.74	1.81	2.45
CO	50	ppm	12	1	16.59	0.67	1.17	4.32	0.48	3.29	0.55	6.99	4.77	0.93	2.63	3.24	16.36	1.24	10.02	1.41
O_2		%	0	0.1	8.81	6.74	6.44	5.49	6.24	6.09	6.22	6.16	8.67	5.89	6.13	5.83	5.34	6.38	5.47	5.32
FL1		Sm³	12	10	12,573	14,651	15,106	16,121	15,003	15,055	15,013	15,169	12,148	15,212	15,007	14,990	15,861	14,631	15,722	15,827
TMP		℃	0	1	187.17	186.65	185.78	185.70	185.98	185.64	185.38	185.49	185.20	185.20	185.12	184.49	184.13	184.57	184.62	184.75
TM1		℃	0	1	1,029.08	1,009.36	1,007.48	1,040.93	1,016.81	1,033.35	1,033.93	1,024.17	1,040.03	1,040.81	1,027.32	1,042.11	1,074.53	1,035.21	1,053.75	1,073.09
TM3		℃	0	1	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13	36.13

					09-27 08:00	09-27 08:30	09-27 09:00	09-27 09:30	09-27 10:00	09-27 10:30	09-27 11:00	09-27 11:30	09-27 12:00	09-27 12:30	09-27 13:00	09-27 13:30	09-27 14:00	09-27 14:30	09-27 15:00	09-27 15:30
TSP	20	mg/Sm³	12	1	0.64	0.50	0.50	0.40	0.40	0.40	0.40	0.39	0.38	0.38	0.38	0.39	0.39	0.38	0.39	0.39
SOx	30	ppm	12	1	0.00	0.00	0.00	0.01	0.00	25.56	9.04	0.59	0.23	0.00	0.00	0.00	0.00	22.71	3.33	0.00
NOx	70	ppm	12	1	21.00	25.87	26.93	4.62	0.16	58.87	20.20	0.43	0.08	0.00	0.00	0.00	0.00	26.40	35.84	28.05
HCl	15	ppm	12	1	2.83	2.04	3.05	1.85	0.53	20.17	0.49	0.25	0.20	0.24	0.30	0.30	0.23	18.91	16.95	9.84
CO	50	ppm	12	1	24.50	0.27	0.21	0.03	0.01	72.75	24.79	0.00	0.00	0.00	0.00	0.00	0.00	0.96	1.36	8.43
O_2		%	0	0.1	8.64	6.12	6.03	19.12	13.03	2.29	18.51	21.12	21.08	20.90	20.89	20.70	20.68	7.72	6.69	5.09
FL1		Sm³	12	10	12,238	15,455	15,627	19,020	19,456	19,191	19,604	18,061	17,978	19,235	19,164	18,799	19,309	19,278	19,383	18,211
TMP		℃	0	1	185.31	185.86	186.72	186.46	186.85	187.51	187.56	187.78	186.63	186.37	186.65	187.67	188.29	188.43	189.05	188.73
TM1		℃	0	1	1,075.26	1,082.91	1,107.04	1,016.63	1,063.75	1,052.97	1,048.29	1,023.35	1,012.87	989.68	1,002.39	1,027.17	1,024.04	1,023.19	1,016.43	1,061.73
TM3		℃	0	1	36.13	36.14	36.15	36.02	36.02	36.02	36.02	36.02	36.03	36.00	35.97	35.93	35.95	35.83	35.90	35.92

					09-27 16:00	09-27 16:30	09-27 17:00	09-27 17:30	09-27 18:00	09-27 18:30	09-27 19:00	09-27 19:30	09-27 20:00	09-27 20:30	09-27 21:00	09-27 21:30	09-27 22:00	09-27 22:30	09-27 23:00	09-27 23:30
TSP	20	mg/Sm³	12	1	0.63	0.45	0.45	0.48	0.49	0.47	0.50	0.47	0.65	0.52	0.49	0.48	0.48	0.49	0.50	0.49
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.72	0.00	0.03
NOx	70	ppm	12	1	26.65	19.33	17.89	18.89	16.76	16.77	17.83	20.08	27.05	17.51	18.76	18.20	17.53	16.76	22.43	21.76
HCl	15	ppm	12	1	4.37	1.92	2.20	2.41	2.40	1.83	2.44	2.03	3.40	2.29	1.61	1.61	2.62	3.13	3.53	3.98
CO	50	ppm	12	1	1.93	22.19	25.28	16.86	1.62	22.71	4.78	17.83	0.77	0.78	9.71	16.90	0.84	23.24	0.72	1.64
O_2		%	0	0.1	9.21	5.49	5.55	6.42	6.32	5.59	6.58	5.59	9.28	7.37	6.22	5.78	6.03	5.81	6.41	6.17
FL1		Sm³	12	10	11,762	15,438	15,486	14,595	14,534	15,439	14,317	15,472	11,561	12,837	14,638	15,162	14,927	15,085	14,602	14,752
TMP		℃	0	1	187.63	186.19	186.16	186.85	185.71	185.43	186.34	186.71	186.19	184.91	184.89	185.68	186.08	186.44	186.61	186.88
TM1		℃	0	1	1,012.83	1,050.55	1,059.01	1,017.03	1,012.89	1,042.78	1,021.01	1,056.25	1,030.93	1,011.99	1,044.15	1,053.67	1,043.07	1,043.29	1,040.95	1,058.73
TM3		℃	0	1	35.99	36.03	36.05	35.94	36.10	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17	36.17