9월 22일 굴뚝별 트랜드

					09-22 00:00	09-22 00:30	09-22 01:00	09-22 01:30	09-22 02:00	09-22 02:30	09-22 03:00	09-22 03:30	09-22 04:00	09-22 04:30	09-22 05:00	09-22 05:30	09-22 06:00	09-22 06:30	09-22 07:00	09-22 07:30
TSP	20	mg/Sm³	12	1	0.60	0.43	0.46	0.44	0.46	0.37	0.46	0.46	0.58	0.44	0.46	0.45	0.47	0.44	0.45	0.43
SOx	30	ppm	12	1	0.02	0.88	0.67	1.47	0.00	0.00	0.00	0.00	0.49	0.11	0.00	0.00	0.00	0.09	0.04	0.27
NOx	70	ppm	12	1	24.40	17.29	18.41	18.60	21.34	18.29	16.04	10.88	10.22	10.20	9.15	9.90	9.92	10.64	7.99	7.81
HCl	15	ppm	12	1	6.77	4.88	5.09	5.28	3.91	1.59	1.79	1.25	2.53	1.41	0.75	0.48	0.52	0.19	1.19	2.20
CO	50	ppm	12	1	17.54	37.52	6.96	31.17	1.26	49.84	5.90	55.53	12.15	27.04	10.03	13.36	4.87	22.99	6.46	18.66
O_2		%	0	0.1	8.68	4.63	5.90	5.50	6.98	5.00	5.91	5.49	8.76	5.66	6.35	6.16	6.80	5.65	6.27	5.75
FL1		Sm³	12	10	11,378	15,419	14,033	14,255	13,063	14,626	14,013	14,372	11,215	14,213	13,491	13,687	13,287	14,410	13,570	14,041
TMP		℃	0	1	181.97	182.27	182.13	180.96	175.21	165.47	161.89	174.03	177.34	178.44	178.67	178.65	178.75	178.79	178.70	179.72
TM1		℃	0	1	1,029.19	1,084.44	1,048.15	1,049.15	997.66	1,048.65	1,015.80	1,030.96	1,007.25	1,029.79	1,008.21	1,013.51	985.79	1,030.64	1,009.76	1,033.39
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

					09-22 08:00	09-22 08:30	09-22 09:00	09-22 09:30	09-22 10:00	09-22 10:30	09-22 11:00	09-22 11:30	09-22 12:00	09-22 12:30	09-22 13:00	09-22 13:30	09-22 14:00	09-22 14:30	09-22 15:00	09-22 15:30
TSP	20	mg/Sm³	12	1	0.61	0.47	0.51	0.48	0.45	0.46	0.43	0.43	0.59	0.44	0.45	0.43	0.43	0.46	0.44	0.45
SOx	30	ppm	12	1	0.74	2.45	0.00	0.00	2.76	2.72	4.05	0.80	0.00	0.21	0.32	0.00	0.00	0.00	0.05	0.00
NOx	70	ppm	12	1	13.84	8.88	8.05	6.42	9.62	8.56	8.40	9.11	9.38	8.37	11.30	8.91	10.45	11.74	11.35	9.40
HCl	15	ppm	12	1	3.93	5.35	3.94	2.66	4.63	7.45	7.55	7.28	9.10	5.76	7.38	5.89	3.49	2.76	4.77	6.34
CO	50	ppm	12	1	31.81	30.22	2.06	5.33	2.93	2.75	39.00	9.74	1.05	24.00	1.88	19.91	5.52	1.53	5.70	2.06
O_2		%	0	0.1	8.73	6.28	7.06	6.52	6.11	6.84	5.64	5.86	9.13	6.08	6.39	5.80	5.96	6.74	6.17	6.84
FL1		Sm³	12	10	10,998	13,496	12,910	13,444	13,906	13,160	14,495	13,931	10,781	13,793	13,385	14,023	13,740	12,898	13,550	13,051
TMP		℃	0	1	180.48	181.33	180.94	180.11	179.95	180.20	180.15	180.50	181.37	181.67	181.81	182.12	182.11	181.97	182.16	182.24
TM1		℃	0	1	1,042.33	1,009.38	974.59	980.57	983.23	952.05	999.73	1,018.23	1,005.88	1,008.38	1,006.67	1,008.61	1,024.27	998.37	1,012.73	989.27
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

					09-22 16:00	09-22 16:30	09-22 17:00	09-22 17:30	09-22 18:00	09-22 18:30	09-22 19:00	09-22 19:30	09-22 20:00	09-22 20:30	09-22 21:00	09-22 21:30	09-22 22:00	09-22 22:30	09-22 23:00	09-22 23:30
TSP	20	mg/Sm³	12	1	0.60	0.45	0.47	0.47	0.49	0.48	0.47	0.47	0.59	0.44	0.47	0.49	0.52	0.47	0.48	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	0.00	0.00	0.00	0.71
NOx	70	ppm	12	1	12.24	6.89	8.97	8.81	12.06	8.19	5.36	5.51	6.59	7.39	6.67	8.15	8.64	6.81	6.09	5.36
HCl	15	ppm	12	1	5.94	2.40	1.24	1.23	2.03	2.46	2.90	1.40	1.95	1.09	0.70	0.48	0.61	0.67	0.78	0.66
CO	50	ppm	12	1	12.81	7.89	10.49	23.48	10.85	51.31	22.47	28.79	49.80	13.15	9.84	13.03	1.27	10.13	16.92	5.74
O_2		%	0	0.1	8.85	6.47	6.53	5.95	7.18	6.50	6.58	6.49	8.11	5.76	6.30	7.17	7.76	6.79	6.74	6.81
FL1		Sm³	12	10	11,516	13,532	13,636	15,586	14,231	14,884	14,057	13,857	12,032	14,652	14,044	13,008	12,483	13,745	13,797	13,731
TMP		℃	0	1	182.36	181.92	181.52	181.38	183.24	183.76	183.81	182.70	182.12	182.53	182.60	182.23	181.06	180.34	180.90	181.65
TM1		℃	0	1	998.70	966.57	956.84	973.20	922.03	960.25	942.44	963.24	1,040.85	1,021.58	1,012.23	973.87	941.23	957.54	965.81	955.03
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

9월 23일 굴뚝별 트랜드

					09-23 00:00	09-23 00:30	09-23 01:00	09-23 01:30	09-23 02:00	09-23 02:30	09-23 03:00	09-23 03:30	09-23 04:00	09-23 04:30	09-23 05:00	09-23 05:30	09-23 06:00	09-23 06:30	09-23 07:00	09-23 07:30
TSP	20	mg/Sm³	12	1	0.61	0.47	0.50	0.53	0.52	0.48	0.56	0.48	0.66	0.47	0.57	0.44	0.48	0.54	0.53	0.49
SOx	30	ppm	12	1	13.97	3.19	1.79	0.26	0.00	0.00	0.00	0.00	0.00	0.17	0.00	0.06	1.15	0.00	0.00	0.00
NOx	70	ppm	12	1	7.33	3.99	5.47	7.76	7.08	6.72	7.71	4.94	6.62	5.30	5.92	6.29	7.88	7.89	7.14	9.88
HCl	15	ppm	12	1	6.59	5.97	6.89	6.93	6.24	3.80	2.72	1.59	2.26	0.08	0.60	0.00	1.09	1.36	1.37	0.64
CO	50	ppm	12	1	78.74	17.65	2.79	2.57	11.45	46.76	20.20	35.03	3.52	44.02	4.88	60.82	51.81	5.36	1.53	9.95
O_2		%	0	0.1	8.27	6.21	7.01	7.79	7.63	6.45	7.53	6.01	10.23	5.84	8.26	4.82	5.70	7.51	7.79	6.26
FL1		Sm³	12	10	11,628	14,112	13,239	12,776	12,766	14,015	13,473	15,301	11,244	15,317	12,879	16,662	14,876	13,284	12,583	15,397
TMP		℃	0	1	181.92	182.65	182.66	182.10	181.31	180.32	180.30	181.21	182.63	182.75	183.04	183.35	183.71	183.78	182.49	181.55
TM1		℃	0	1	1,017.87	985.55	960.61	912.60	913.43	957.99	914.90	966.41	905.53	989.05	935.06	1,063.01	1,031.53	954.15	915.83	971.77
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

					09-23 08:00	09-23 08:30	09-23 09:00	09-23 09:30	09-23 10:00	09-23 10:30	09-23 11:00	09-23 11:30	09-23 12:00	09-23 12:30	09-23 13:00	09-23 13:30	09-23 14:00	09-23 14:30	09-23 15:00	09-23 15:30
TSP	20	mg/Sm³	12	1	0.63	0.47	0.48	0.51	0.49	0.46	0.53	0.47	0.61	0.50	0.48	0.47	0.48	0.46	0.45	0.45
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	0.01
NOx	70	ppm	12	1	9.00	5.99	9.89	8.23	9.72	8.01	5.96	6.41	6.14	4.83	5.03	4.52	4.42	3.43	2.90	3.60
HCl	15	ppm	12	1	3.00	1.30	1.29	3.24	2.42	2.71	2.90	1.06	3.13	1.99	1.17	1.52	1.45	0.82	0.41	0.25
CO	50	ppm	12	1	29.47	39.67	18.89	0.96	3.27	18.83	1.08	9.83	78.52	0.76	17.97	13.30	8.81	5.18	2.08	15.42
O_2		%	0	0.1	8.44	5.82	6.30	7.39	6.63	6.02	7.90	6.06	8.84	7.29	6.82	6.62	6.75	6.18	6.27	6.17
FL1		Sm³	12	10	12,866	15,827	15,265	13,553	14,827	15,511	13,061	15,494	12,213	13,592	14,357	14,333	14,392	14,914	14,595	14,748
TMP		℃	0	1	183.01	185.40	186.05	185.81	185.68	186.15	185.66	186.10	186.28	185.86	186.07	186.09	186.16	186.31	186.27	186.24
TM1		℃	0	1	998.56	1,007.43	1,004.43	974.97	997.07	985.85	933.99	994.95	990.06	964.34	976.13	980.99	971.62	990.21	1,009.03	1,022.31
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

					09-23 16:00	09-23 16:30	09-23 17:00	09-23 17:30	09-23 18:00	09-23 18:30	09-23 19:00	09-23 19:30	09-23 20:00	09-23 20:30	09-23 21:00	09-23 21:30	09-23 22:00	09-23 22:30	09-23 23:00	09-23 23:30
TSP	20	mg/Sm³	12	1	0.60	0.47	0.47	0.45	0.49	0.46	0.52	0.46	0.64	0.48	0.50	0.51	0.52	0.51	0.48	0.47
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.11	0.00	0.00	0.00	0.00	0.00	0.36	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	5.74	5.78	6.09	6.98	4.89	9.30	9.22	18.14	23.26	18.93	19.05	19.77	17.11	18.54	18.58	20.50
HCl	15	ppm	12	1	1.99	1.06	1.52	1.90	3.41	2.67	5.47	4.06	8.59	5.72	6.90	6.49	8.37	5.20	4.62	6.35
CO	50	ppm	12	1	1.77	8.37	2.40	8.28	1.11	5.57	0.85	2.77	0.60	0.88	0.74	15.43	1.13	8.27	22.59	1.99
O_2		%	0	0.1	9.26	6.50	6.40	5.70	6.81	5.87	7.58	5.91	9.37	6.77	7.16	7.03	7.59	6.82	5.99	5.94
FL1		Sm³	12	10	11,966	14,900	15,075	15,870	14,606	15,675	13,674	15,838	11,830	14,598	14,039	14,319	13,386	14,549	15,556	15,398
TMP		℃	0	1	186.61	186.96	187.28	187.43	187.50	187.51	187.67	187.91	187.77	187.27	187.19	187.04	186.20	186.43	187.14	187.42
TM1		℃	0	1	996.27	984.81	987.43	1,009.71	960.18	1,008.05	946.19	1,020.95	997.99	992.01	986.05	974.71	970.53	998.41	1,019.13	1,030.97
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

9월 24일 굴뚝별 트랜드

					09-24 00:00	09-24 00:30	09-24 01:00	09-24 01:30	09-24 02:00	09-24 02:30	09-24 03:00	09-24 03:30	09-24 04:00	09-24 04:30	09-24 05:00	09-24 05:30	09-24 06:00	09-24 06:30	09-24 07:00	09-24 07:30
TSP	20	mg/Sm³	12	1	0.64	0.51	0.52	0.51	0.48	0.51	0.55	0.42	0.62	0.54	0.48	0.53	0.51	0.50	0.51	0.50
SOx	30	ppm	12	1	0.00	0.49	0.09	0.14	0.00	0.00	0.00	4.61	0.00	0.00	0.45	0.00	0.00	0.82	0.13	1.05
NOx	70	ppm	12	1	19.09	19.63	21.14	19.95	20.50	20.08	20.59	15.62	21.12	15.52	20.16	22.08	21.73	20.08	20.38	21.55
HCl	15	ppm	12	1	8.87	7.29	9.35	6.78	4.63	4.08	4.98	3.43	5.33	4.72	3.60	6.46	4.57	5.48	6.13	7.52
CO	50	ppm	12	1	3.87	15.45	1.85	16.91	11.04	27.99	1.10	57.00	7.39	1.23	4.62	0.69	1.10	30.36	0.65	8.27
O_2		%	0	0.1	9.76	6.80	7.11	7.07	6.12	6.88	7.96	4.38	8.59	7.89	5.70	7.36	6.77	6.11	6.53	6.51
FL1		Sm³	12	10	12,207	14,565	14,208	14,000	15,401	14,603	13,315	16,299	12,207	12,562	15,412	13,460	14,338	14,685	14,716	14,783
TMP		℃	0	1	186.93	187.22	187.23	186.96	186.92	186.23	185.87	185.11	185.02	184.46	184.53	184.96	185.44	185.58	185.91	186.17
TM1		℃	0	1	970.41	981.51	990.07	983.82	1,020.33	990.35	951.32	1,058.61	1,019.68	942.55	1,043.71	991.91	1,000.43	1,018.71	1,027.59	1,033.81
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

					09-24 08:00	09-24 08:30	09-24 09:00	09-24 09:30	09-24 10:00	09-24 10:30	09-24 11:00	09-24 11:30	09-24 12:00	09-24 12:30	09-24 13:00	09-24 13:30	09-24 14:00	09-24 14:30	09-24 15:00	09-24 15:30
TSP	20	mg/Sm³	12	1	0.65	0.53	0.51	0.48	0.48	0.51	0.53	0.52	0.62	0.48	0.51	0.50	0.47	0.50	0.51	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	0.89	0.09	0.06	0.54
NOx	70	ppm	12	1	25.19	21.72	20.79	22.19	19.14	21.13	19.89	16.91	17.85	17.64	16.81	16.35	20.89	19.28	20.12	19.67
HCl	15	ppm	12	1	7.43	4.27	2.91	2.58	3.33	3.06	2.94	3.25	3.78	3.34	3.93	3.02	2.51	2.91	3.76	2.99
CO	50	ppm	12	1	2.30	0.79	0.97	2.10	1.23	0.66	1.25	0.60	3.51	0.55	0.48	0.66	15.67	5.23	0.47	6.50
O_2		%	0	0.1	9.34	7.55	7.01	6.33	6.50	7.31	7.96	7.60	9.98	6.67	7.59	7.16	6.18	6.72	7.23	6.47
FL1		Sm³	12	10	12,070	13,483	14,395	15,217	14,770	13,618	12,966	13,202	12,164	14,625	13,314	13,903	15,145	14,503	13,679	14,346
TMP		℃	0	1	186.31	185.77	185.82	185.98	186.10	185.88	185.43	185.63	185.39	185.55	186.35	186.81	187.10	186.91	186.34	185.92
TM1		℃	0	1	1,022.67	985.19	996.87	1,028.37	1,029.84	1,006.57	968.63	978.29	955.40	1,007.63	1,003.34	1,007.71	1,044.05	1,032.33	1,013.54	1,060.97
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

					09-24 16:00	09-24 16:30	09-24 17:00	09-24 17:30	09-24 18:00	09-24 18:30	09-24 19:00	09-24 19:30	09-24 20:00	09-24 20:30	09-24 21:00	09-24 21:30	09-24 22:00	09-24 22:30	09-24 23:00	09-24 23:30
TSP	20	mg/Sm³	12	1	0.62	0.51	0.51	0.49	0.58	0.49	0.52	0.48	0.68	0.53	0.49	0.48	0.47	0.52	0.49	0.48
SOx	30	ppm	12	1	0.00	0.00	0.14	0.40	0.00	3.48	0.00	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.52	0.21
NOx	70	ppm	12	1	22.91	19.99	19.33	20.56	16.90	17.40	16.37	15.67	20.68	17.76	18.47	13.43	15.83	12.78	17.09	17.92
HCl	15	ppm	12	1	3.18	2.32	2.75	3.81	5.62	3.64	2.79	2.19	2.62	1.12	0.93	0.94	0.98	0.94	1.38	1.41
CO	50	ppm	12	1	3.89	0.41	15.63	0.37	1.07	30.64	1.63	13.12	1.45	0.91	27.10	30.05	31.30	13.95	1.78	17.92
O_2		%	0	0.1	9.39	7.48	7.19	6.69	8.73	6.71	7.10	6.17	10.57	7.70	6.73	6.27	6.01	7.61	6.98	6.07
FL1		Sm³	12	10	11,908	13,197	13,308	13,989	11,916	13,640	14,018	14,631	10,205	12,698	13,730	14,108	14,294	12,307	13,635	15,401
TMP		℃	0	1	185.55	185.23	184.91	184.56	184.54	184.51	185.71	184.86	184.38	183.28	182.88	182.78	182.89	181.80	181.00	182.89
TM1		℃	0	1	1,041.35	1,035.36	1,050.42	1,059.58	976.24	1,020.01	996.13	1,034.97	968.33	984.69	1,005.72	1,034.91	1,042.83	973.69	1,011.09	1,043.71
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