3월 30일 굴뚝별 트렌드

					03-30 00:00	03-30 00:30	03-30 01:00	03-30 01:30	03-30 02:00	03-30 02:30	03-30 03:00	03-30 03:30	03-30 04:00	03-30 04:30	03-30 05:00	03-30 05:30	03-30 06:00	03-30 06:30	03-30 07:00	03-30 07:30
TSP	20	mg/Sm³	12	1	0.77	0.65	0.61	0.57	0.54	0.61	0.51	0.61	0.76	0.58	0.56	0.57	0.75	0.55	0.55	0.67
SOx	30	ppm	12	1	0.00	0.00	0.00	0.45	0.01	0.00	1.26	0.00	6.43	0.00	0.00	0.00	0.00	0.00	1.03	0.00
NOx	70	ppm	12	1	9.67	8.13	7.31	7.98	6.88	5.99	5.03	7.92	7.04	2.97	2.61	1.88	5.18	6.61	4.35	3.85
HCl	15	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
CO	50	ppm	12	1	1.75	3.74	25.77	40.11	33.65	9.13	64.60	11.16	58.15	24.85	25.23	46.18	4.62	38.37	66.44	3.99
O_2		%	0	0.1	10.66	8.72	8.02	6.99	6.44	8.32	5.43	7.69	9.05	7.20	7.01	7.06	10.51	6.67	6.34	9.12
FL1		Sm³	12	10	10,536	11,770	12,472	13,719	14,166	12,181	14,837	13,564	10,658	12,837	12,908	12,817	9,537	14,258	14,022	11,094
TMP		℃	0	1	182.78	181.93	181.27	181.34	181.50	181.27	181.09	181.31	181.83	181.01	180.11	179.76	179.02	178.74	179.76	180.01
TM1		℃	0	1	922.73	897.76	933.46	970.68	1,003.61	941.54	1,024.43	976.24	1,007.44	949.05	964.04	957.87	832.85	954.54	984.77	869.02
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-30 08:00	03-30 08:30	03-30 09:00	03-30 09:30	03-30 10:00	03-30 10:30	03-30 11:00	03-30 11:30	03-30 12:00	03-30 12:30	03-30 13:00	03-30 13:30	03-30 14:00	03-30 14:30	03-30 15:00	03-30 15:30
TSP	20	mg/Sm³	12	1	0.73	0.61	0.69	0.63	0.63	0.64	0.63	0.65	0.75	0.65	0.63	0.68	0.64	0.62	0.60	0.65
SOx	30	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.09	0.67	2.26	0.33	11.32	0.90	0.16	1.08	0.36	0.00
NOx	70	ppm	12	1	4.63	2.92	6.37	6.07	6.35	8.39	7.88	8.78	8.64	6.88	6.71	7.66	5.66	5.52	6.33	5.55
HCl	15	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
CO	50	ppm	12	1	65.19	37.23	2.17	49.01	21.28	9.29	35.17	17.79	14.29	5.78	34.97	21.67	27.03	23.54	3.59	2.68
O_2		%	0	0.1	9.48	7.89	9.49	8.17	8.31	8.48	7.93	8.11	10.23	8.13	7.60	8.51	7.95	7.57	7.46	8.54
FL1		Sm³	12	10	10,977	12,287	10,557	12,277	12,386	12,819	13,485	13,144	11,534	13,015	13,648	12,481	13,295	13,764	13,781	12,608
TMP		℃	0	1	180.14	180.22	180.03	179.33	179.66	181.48	183.00	184.26	184.38	185.02	185.40	184.69	184.52	184.87	185.21	185.06
TM1		℃	0	1	914.41	897.03	852.00	885.55	887.42	879.62	894.42	873.59	903.45	907.43	913.71	885.59	906.97	934.93	944.79	903.88
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47

					03-30 16:00	03-30 16:30	03-30 17:00	03-30 17:30	03-30 18:00	03-30 18:30	03-30 19:00	03-30 19:30	03-30 20:00	03-30 20:30	03-30 21:00	03-30 21:30	03-30 22:00	03-30 22:30	03-30 23:00	03-30 23:30
TSP	20	mg/Sm³	12	1	0.80	0.61	0.63	0.67	0.63	0.60	0.69	0.67	0.79	0.63	0.69	0.61	0.67	0.68	0.66	0.63
SOx	30	ppm	12	1	0.00	0.90	2.10	0.49	0.00	0.00	0.09	0.00	0.18	0.00	0.00	2.18	0.00	0.00	0.00	0.06
NOx	70	ppm	12	1	6.77	7.27	6.91	5.58	5.83	7.84	8.01	7.16	7.23	6.01	5.54	6.36	5.23	6.80	6.35	6.27
HCl	15	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
CO	50	ppm	12	1	4.64	27.40	2.22	2.26	8.29	3.43	20.16	2.35	5.40	7.08	2.98	38.08	13.74	2.37	10.18	12.53
O_2		%	0	0.1	11.16	7.85	8.21	9.12	8.41	7.65	8.99	8.55	9.96	7.91	8.86	6.82	8.29	8.37	7.99	7.17
FL1		Sm³	12	10	10,125	13,376	12,979	11,740	12,272	13,659	12,142	12,663	11,208	13,372	12,367	14,712	12,990	12,973	13,568	14,576
TMP		℃	0	1	184.77	184.72	184.99	184.56	183.83	184.25	184.08	183.53	183.77	184.03	183.85	184.12	183.99	183.90	184.15	184.54
TM1		℃	0	1	913.02	921.77	913.77	874.57	897.61	934.69	879.65	892.75	937.87	923.85	891.99	960.88	917.29	914.68	929.81	945.83
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.47	36.48	36.48

3월 31일 굴뚝별 트렌드

					03-31 00:00	03-31 00:30	03-31 01:00	03-31 01:30	03-31 02:00	03-31 02:30	03-31 03:00	03-31 03:30	03-31 04:00	03-31 04:30	03-31 05:00	03-31 05:30	03-31 06:00	03-31 06:30	03-31 07:00	03-31 07:30
TSP	20	mg/Sm³	12	1	0.84	0.65	0.64	0.68	0.69	0.63	0.66	0.68	0.80	0.67	0.62	0.69	0.64	0.66	0.64	0.67
SOx	30	ppm	12	1	5.79	0.33	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.14	0.18	0.00	0.00	0.00	0.00	0.00
NOx	70	ppm	12	1	9.03	6.00	6.63	6.05	6.46	6.66	6.88	6.86	7.98	9.29	6.23	6.23	6.37	6.30	5.71	6.10
HCl	15	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
CO	50	ppm	12	1	3.09	27.30	8.38	2.01	4.77	2.03	1.67	12.98	2.75	23.44	15.15	6.88	2.52	4.13	4.42	1.78
O_2		%	0	0.1	10.28	7.57	7.52	8.29	8.54	7.53	8.21	8.43	10.36	8.03	7.54	8.70	7.82	8.24	8.05	8.56
FL1		Sm³	12	10	11,061	13,678	13,905	12,976	12,703	13,965	12,992	12,761	11,029	13,570	13,781	12,410	13,494	13,111	13,328	12,703
TMP		℃	0	1	184.80	184.14	183.44	183.06	183.07	183.13	183.21	182.99	182.97	183.16	183.59	183.39	183.39	183.38	183.58	183.58
TM1		℃	0	1	925.41	941.46	943.07	924.83	912.39	941.59	935.75	927.27	924.32	912.86	950.73	925.21	939.72	926.61	938.55	910.22
IRS		℃	0	1	36.48	36.47	36.47	36.48	36.47	36.47	36.47	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48

					03-31 08:00	03-31 08:30	03-31 09:00	03-31 09:30	03-31 10:00	03-31 10:30	03-31 11:00	03-31 11:30	03-31 12:00	03-31 12:30	03-31 13:00	03-31 13:30	03-31 14:00	03-31 14:30	03-31 15:00	03-31 15:30
TSP	20	mg/Sm³	12	1	0.84	0.66	0.57	0.63	0.73	0.64	0.61	0.64	0.77	0.60	0.64	0.73	0.63	0.64	0.63	0.70
SOx	30	ppm	12	1	0.00	0.00	5.36	0.39	0.87	0.30	0.39	0.90	0.74	15.08	0.28	0.00	0.00	0.04	0.00	0.00
NOx	70	ppm	12	1	7.45	6.73	7.93	5.53	6.05	7.50	7.85	7.48	9.24	6.90	7.21	5.17	5.45	6.99	6.60	6.44
HCl	15	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
CO	50	ppm	12	1	6.39	2.29	28.44	24.41	15.23	25.83	10.18	8.64	34.01	52.65	3.05	2.21	14.88	17.38	5.98	2.07
O_2		%	0	0.1	10.60	8.20	6.45	7.47	9.15	7.73	7.19	7.66	8.90	5.81	7.51	9.10	7.46	7.83	7.75	9.09
FL1		Sm³	12	10	10,278	13,050	15,040	13,998	11,944	13,650	14,101	13,485	12,072	15,929	13,992	11,982	13,903	13,586	13,550	12,093
TMP		℃	0	1	183.45	183.28	183.68	184.01	183.70	183.22	183.46	183.56	183.64	184.41	185.68	185.64	184.53	183.99	184.32	184.03
TM1		℃	0	1	928.47	934.26	1,005.49	975.25	915.51	947.71	991.05	974.32	1,027.51	1,023.90	997.99	924.52	963.62	955.19	961.55	901.69
IRS		℃	0	1	36.48	36.48	36.47	36.48	36.47	36.47	36.47	36.47	36.48	36.48	36.47	36.47	36.48	36.48	36.48	36.49

					03-31 16:00	03-31 16:30	03-31 17:00	03-31 17:30	03-31 18:00	03-31 18:30	03-31 19:00	03-31 19:30	03-31 20:00	03-31 20:30	03-31 21:00	03-31 21:30	03-31 22:00	03-31 22:30	03-31 23:00	03-31 23:30
TSP	20	mg/Sm³	12	1	0.72	0.64	0.68	0.65	0.60	0.66	0.59	0.63	0.76	0.62	0.65	0.65	0.62	0.66	0.59	0.63
SOx	30	ppm	12	1	3.31	0.07	0.00	0.00	0.24	0.00	1.12	4.38	2.23	1.16	2.99	2.73	6.12	4.38	0.00	0.00
NOx	70	ppm	12	1	11.10	5.79	6.04	6.14	6.06	5.05	7.01	6.22	9.88	11.08	6.76	7.20	9.07	5.69	6.52	5.73
HCl	15	ppm	12	1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.82	4.32	4.29	0.13	0.00
CO	50	ppm	12	1	91.37	2.54	1.91	3.48	21.00	2.15	12.46	25.69	5.76	2.06	25.85	33.92	35.22	38.95	50.54	11.42
O_2		%	0	0.1	7.85	7.89	8.65	8.09	7.00	8.16	6.64	7.39	9.93	7.10	7.91	7.69	6.89	7.46	6.27	7.49
FL1		Sm³	12	10	13,499	13,339	12,494	13,315	14,428	13,267	14,902	14,010	12,082	14,466	13,362	13,640	14,710	13,424	14,497	12,851
TMP		℃	0	1	184.26	184.77	184.12	183.85	184.17	184.19	184.28	184.95	184.50	185.18	185.39	184.76	185.24	185.96	184.64	183.09
TM1		℃	0	1	1,007.09	956.59	922.18	933.86	979.49	930.95	999.27	975.04	973.56	998.01	974.11	984.25	1,008.44	971.11	996.15	973.45
IRS		℃	0	1	36.49	36.48	36.47	36.48	36.47	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48

4월 1일 굴뚝별 트렌드

					04-01 00:00	04-01 00:30	04-01 01:00	04-01 01:30	04-01 02:00	04-01 02:30	04-01 03:00	04-01 03:30	04-01 04:00	04-01 04:30	04-01 05:00	04-01 05:30	04-01 06:00	04-01 06:30	04-01 07:00	04-01 07:30
TSP	20	mg/Sm³	12	1	0.78	0.68	0.69	0.64	0.71	0.59	0.62	0.63	0.74	0.71	0.67	0.67	0.63	0.66	0.66	0.62
SOx	30	ppm	12	1	0.00	0.00	0.01	0.03	1.02	0.00	0.00	0.00	0.60	0.00	0.00	0.00	0.00	0.00	7.44	0.47
NOx	70	ppm	12	1	7.68	5.34	4.85	6.66	7.02	5.34	5.17	5.34	6.63	4.60	5.41	5.21	6.30	5.74	5.28	5.58
HCl	15	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
CO	50	ppm	12	1	88.73	15.76	40.77	18.79	22.94	15.49	12.55	25.19	48.33	1.76	2.17	2.84	16.49	16.06	26.76	10.78
O_2		%	0	0.1	9.24	8.34	8.18	7.50	8.56	6.36	7.10	7.22	8.64	8.84	8.20	8.28	7.60	7.92	8.00	7.18
FL1		Sm³	12	10	11,012	11,848	12,121	13,349	12,572	14,715	13,690	13,584	12,618	11,938	12,468	12,486	13,406	13,196	12,978	14,173
TMP		℃	0	1	182.83	182.06	181.59	181.63	182.68	183.86	183.46	183.15	182.96	182.89	181.97	181.56	181.46	181.97	182.35	182.82
TM1		℃	0	1	1,003.30	938.65	906.80	921.61	924.27	989.85	977.33	972.69	983.05	899.35	914.11	916.97	939.47	920.84	924.13	958.93
IRS		℃	0	1	36.48	36.48	36.48	36.48	36.48	36.49	36.48	36.48	36.48	36.48	36.48	36.49	36.48	36.47	36.48	36.48

					04-01 08:00	04-01 08:30	04-01 09:00	04-01 09:30	04-01 10:00	04-01 10:30	04-01 11:00	04-01 11:30	04-01 12:00	04-01 12:30	04-01 13:00	04-01 13:30	04-01 14:00	04-01 14:30	04-01 15:00	04-01 15:30
TSP	20	mg/Sm³	12	1	0.75	0.79	0.66	0.67	0.65	0.67	0.65	0.65	0.84	0.58	0.63	0.68	0.62	0.65	0.58	0.64
SOx	30	ppm	12	1	15.14	1.40	0.77	0.29	0.02	0.00	0.00	0.00	0.00	0.18	0.06	0.00	0.00	0.44	2.71	0.18
NOx	70	ppm	12	1	8.39	6.91	10.70	10.33	9.28	8.23	7.56	8.55	10.55	10.54	10.12	10.10	13.71	13.14	19.33	15.83
HCl	15	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	0.86	0.52	2.20
CO	50	ppm	12	1	52.85	1.80	1.66	17.92	2.24	1.52	1.34	1.13	1.47	1.07	3.34	1.24	1.56	0.93	24.41	1.34
O_2		%	0	0.1	8.24	9.80	7.69	7.98	7.07	7.53	7.36	7.52	10.34	6.22	7.27	8.48	7.16	7.82	6.22	7.46
FL1		Sm³	12	10	13,310	11,366	13,979	13,648	14,916	14,172	14,515	14,173	10,907	15,222	13,798	12,610	14,066	13,215	15,297	13,849
TMP		℃	0	1	183.85	184.55	184.11	184.11	184.83	185.16	185.19	185.31	185.41	185.59	185.11	184.65	184.63	184.91	185.34	185.75
TM1		℃	0	1	1,019.55	890.98	944.89	937.57	961.29	954.47	955.93	964.09	962.02	1,019.07	992.20	934.16	1,001.13	979.74	1,025.47	967.81
IRS		℃	0	1	36.48	36.48	36.47	36.47	36.47	36.47	36.47	36.47	36.48	36.47	36.47	36.48	36.48	36.47	36.48	36.47

					04-01 16:00	04-01 16:30	04-01 17:00	04-01 17:30	04-01 18:00	04-01 18:30	04-01 19:00	04-01 19:30	04-01 20:00	04-01 20:30	04-01 21:00	04-01 21:30	04-01 22:00	04-01 22:30	04-01 23:00	04-01 23:30
TSP	20	mg/Sm³	12	1	0.78	0.57	0.60	0.60	0.57	0.66	0.58	0.66	0.76	0.60	0.61	0.59	0.58	0.60	0.56	0.63
SOx	30	ppm	12	1	0.84	3.96	0.81	0.00	1.30	0.03	0.00	0.00	0.00	0.00	0.00	0.33	0.01	0.00	0.11	0.00
NOx	70	ppm	12	1	19.28	17.84	16.27	17.95	13.20	11.36	15.50	11.45	13.86	12.35	13.51	13.36	12.91	14.25	12.52	11.24
HCl	15	ppm	12	1	4.05	3.68	4.43	1.33	0.62	2.05	0.21	0.26	0.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CO	50	ppm	12	1	3.77	13.45	14.34	0.43	46.41	11.83	15.02	1.28	1.67	2.71	3.59	49.33	56.65	21.74	46.63	4.33
O_2		%	0	0.1	8.88	5.69	6.52	6.66	5.87	8.39	6.74	8.63	10.84	7.33	7.52	6.21	6.03	6.85	5.73	7.52
FL1		Sm³	12	10	11,848	15,759	14,639	14,583	15,124	11,719	13,389	11,301	10,084	12,729	12,755	13,917	14,426	13,561	15,183	13,487
TMP		℃	0	1	185.88	186.17	187.29	188.33	187.85	185.82	183.33	181.68	180.46	180.03	180.16	180.47	180.74	180.74	181.85	182.16
TM1		℃	0	1	1,011.27	1,060.95	1,047.05	1,027.14	1,058.43	957.55	1,013.02	949.43	950.59	974.85	988.15	1,026.74	1,029.60	1,024.38	1,041.81	979.05
IRS		℃	0	1	36.47	36.47	36.47	36.47	36.48	36.48	36.49	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48	36.48