Data Nilai Tukar Mata Uang Asing – KEMENDAG RI

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
01/01/2001	9.45	8.1314	13.814	5.7436	5.4161	2.486	1.211	5.1677	6.2845
00:00		9	98	4		85	66	5	1
02/01/2001	9.835	8.4529	14.179	5.8564	5.6467	2.588	1.260	5.1530	6.4327
00:00	10.4	7	63 14.852	4	9 5.7789	16	97	5.0986	6.6090
00:00	10.4	8.37	27	6.014	3.7789	2.736 85	1.333 49	2.0986	6.6090 7
04/01/2001	11.67	9.4206	16.745	6.7677	6.4219	3.072	1.496	5.9478	7.5698
00:00	5	6	48	4	0.4217	3.072	93	5	8
05/01/2001	11.05	9.2173	15.764	6.2109	6.1144	2.91	1.417	5.6545	7.1559
00:00	8	3	86	8	7	2.71	82	2	1
06/01/2001	11.44	9.2202	16.116	6.3527	6.2836	3.010	1.466	5.7938	7.5085
00:00		4	7	4	6	53	74		5
07/01/2001	9.525	7.6294	13.606	5.5207	5.2825	2.506	1.221	4.7982	6.2332
00:00		7	96	9	8	58	24	3	4
08/01/2001	8.865	7.4536	12.932	5.3717	5.0992	2.332	1.136	4.7343	5.7326
00:00	0.675	6	28	6	4 5 4025	9	58	7	8
09/01/2001	9.675	8.1115 2	14.237	5.9818	5.4825	2.546	1.240 44	4.7451 2	6.1273 1
00:00	10.43	8.5585	26 15.159	6.4306	5.7256	06 2.746	1.337	5.2639	6.6090
00:00	5	5	46	5	6	06	83	5.2039	5
11/01/2001	10.43	8.415	14.86	6.296	5.692	2.745	1.337	5.407	6.608
00:00	10.13	0.113	11.00	0.270	3.072	2.7 13	1.557	3.107	0.000
12/01/2001	10.4	7.916	15.08	6.208	5.621	2.737	1.334	5.31	6.544
00:00									
01/01/2002	10.32	7.7798	14.601	6.0464	5.6319	2.715	1.323	5.2389	6.5008
00:00		9	27	1	7	79	18	6	
02/01/2002	10.18	7.6117	14.458	5.9696	5.5535	2.681	1.306	5.2600	6.3317
00:00	9		71	6		32	43	9	3
03/01/2002	9.655	7.2904	13.767	5.7556	5.2404	2.540	1.238	5.1195	6.0593
00:00	9.316	7.2696	56 13.582	5.7504	5.1464	2.451	05 1.194	5.0283	8 5.9493
00:00	9.310	1.2090	74	5.7304	3.1404	58	1.194	3.0283	3.9493
05/01/2002	8.785	7.1220	12.872	5.6234	4.9202	2.311	1.126	4.9754	5.7242
00:00	0.703	3	69	9	4.7202	85	36	4.7734	6
06/01/2002	8.73	7.309	13.342	5.859	4.944	2.297	1.119	4.93	5.776
00:00									
07/01/2002	9.108	7.6	14.327	6.157	5.163	2.397	1.168	4.988	5.783
00:00									
08/01/2002	8.867	7.509	13.724	5.936	5.069	2.333	1.137	4.898	5.688
00:00	0.015	5 440	1100		- 0-1	2.252		4.00=	7.700
09/01/2002	9.015	7.412	14.09	6.053	5.071	2.372	1.156	4.897	5.709
00:00	0.222	7.507	14.4	6.229	5 22	2.425	1 104	5 111	5 002
00:00	9.233	7.507	14.4	0.229	5.22	2.425	1.184	5.111	5.883
11/01/2002	8.976	7.338	13.916	6.043	5.092	2.362	1.151	5.037	5.703
00:00	0.570	7.550	13.710	0.043	3.072	2.302	1.131	3.037	3.703
12/01/2002	8.94	7.54	14.335	6.445	5.154	2.353	1.146	5.065	5.672
00:00									
01/01/2003	8.876	7.449	14.674	6.544	5.106	2.336	1.138	5.218	5.81
00:00									
02/01/2003	8.905	7.564	14.059	6.543	5.125	2.343	1.142	5.96	9.57
00:00	0.5		4 / 2 = -						0
03/01/2003	8.908	7.45	14.033	6.524	5.048	2.344	1.142	6.06	9.634
00:00	0 (75	7.262	12.050	6 207	1 905	2 292	1 112	6.021	0.652
04/01/2003 00:00	8.675	7.263	13.852	6.397	4.895	2.283	1.112	6.031	9.653
05/01/2003	8.279	6.926	13.542	6.375	4.769	2.179	1.062	5.965	9.723
00:00	0.217	0.720	13.342	0.373	7.707	2.11)	1.002	3.703	7.123
50.00	1	l	1	İ	1	1	l .	1	1

	DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
		8.285	6.913	13.698	6.131	4.716	2.18	1.062	5.525	6.15
0.000		8 505	7 081	13.74	6 232	4 837	2.238	1 091	5 541	6.065
		0.505	7.001	13.74	0.232	4.037	2.230	1.071	3.341	0.005
0.901/12003		8.535	7.286	13.474	6.042	4.858	2.246	1.094	5.465	6.095
10.01/2003 8.495 7.807 14.413 6.369 4.891 2.236 1.094 5.987 6.463	09/01/2003	8.389	7.553	14.01	6.342	4.854	2.208	1.083	5.702	6.203
		9 405	7 907	14 412	6 260	4 901	2 226	1.004	5.097	6 162
		0.493	7.807	14.413	0.309	4.091	2.230	1.094	3.901	0.403
1201/2003 8.465 7.917 15.076 6.824 4.977 2.228 1.09 6.347 6.541		8.537	7.814	14.532	6.562	4.959	2.247	1.1	6.162	6.545
00:00		8.465	7.917	15.076	6.824	4.977	2.228	1.09	6.347	6.541
	00:00									
02/01/2004 00:00 8.447 00:00 7.715 8.587 15.744 15.728 6.667 6.722 4.961 5.118 2.223 2.6 1.085 1.102 6.519 6.507 6.281 6.507 03/01/2004 00:00 8.681 00:00 7.856 00:00 15.728 6.716 5.081 5.081 2.279 2.424 1.11 1.116 6.249 6.316 6.316 0.306 0.000 05/01/2004 00:00 9.21 9.415 8.68 8.188 17.029 17.01/2004 7.446 9.168 5.485 8.188 2.478 1.175 1.207 6.41 6.48 6.991 0.000 6.912 0.000 08/01/2004 00:00 9.168 9.328 8.508 8.508 16.677 16.609 7.276 7.276 5.421 5.413 2.413 1.175 1.176 6.41 6.912 6.641 7.086 6.991 0.000 09/01/2004 00:00 9.71 9.71 8.264 8.74 16.645 16.645 7.568 7.568 5.464 5.493 2.373 2.373 1.169 8.769 6.769 7.434 0.000 7.434 0.000 01/01/2004 00:00 9.018 8.74 17.032 17.888 8.194 5.685 5.464 2.392 2.373 1.169 6.769 7.434 7.593 7.797 7.593 7.797 5.591 2.412 1.175 1.175 7.003 7.317 7.377 7.000 7.317 7.000 7.313 7.797 7.582 7.412 1.1		8.441	7.964	15.339	6.706	4.955	2.221	1.086	6.439	6.342
03/01/2004 8.587 8.212 15.728 6.722 5.118 2.26 1.102 6.507 6.585 00.00 8.661 7.856 15.379 6.716 5.081 2.279 1.11 6.249 6.316 00.00 05/01/2004 9.21 8.384 16.897 7.352 5.422 2.424 1.182 6.564 6.753 06/01/2004 9.415 8.68 17.029 7.446 5.485 2.478 1.207 6.48 6.991 00.00 07/01/2004 9.168 8.188 16.667 7.162 5.319 2.413 1.175 6.41 6.912 00.00 08/01/2004 9.328 8.508 16.778 7.309 5.444 2.455 1.196 6.541 7.086 00.00 08/01/2004 9.328 8.508 16.778 7.309 5.444 2.455 1.196 6.541 7.086 00.00 09/01/2004 9.09 8.561 16.645 7.568 5.464 2.392 1.169 6.769 7.434 00.00 11/01/2004 9.09 8.561 16.645 7.568 5.464 2.392 1.169 6.769 7.434 00.00 11/01/2004 9.29 9.042 17.888 8.194 5.685 2.445 1.195 7.242 7.717 00.00 01/01/2005 9.26 8.835 17.813 7.979 5.687 2.437 1.187 7.31 7.494 00.00 02/01/2005 9.48 8.848 17.815 7.909 5.749 2.495 1.216 7.313 7.79 00.00 03/01/2005 9.495 8.776 17.231 7.621 5.71 2.499 1.221 7.175 7.532 00.00 07/01/2005 9.495 8.776 17.231 7.621 5.71 2.499 1.221 7.175 7.532 00.00 07/01/2005 9.819 8.747 17.231 7.621 5.71 2.499 1.221 7.175 7.532 00.00 07/01/2005 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 08/01/2005 0.049 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 08/01/2005 0.049 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00.00 10.00 10.01 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		8.447	7.715	15.744	6.667	4.961	2.223	1.085	6.519	6.281
00:00 04/01/2004 00:00 8.661 8.661 7.856 7.856 15.379 15.379 6.716 6.716 5.081 5.081 2.279 2.279 1.11 1.11 6.249 6.316 6.316 6.753 05/01/2004 00:00 9.21 9.415 8.384 8.68 17.029 7.446 7.446 5.485 2.478 2.478 1.207 1.175 6.48 6.991 6.991 0.000 07/01/2004 00:00 9.168 9.328 8.188 8.508 16.667 16.677 7.162 7.276 5.319 5.444 2.455 2.413 1.175 1.176 6.41 6.541 6.912 7.086 7.090 08/01/2004 00:00 9.71 9.09 8.264 16.509 16.645 7.568 5.421 5.464 2.413 2.413 1.176 1.176 7.222 7.222 7.222 7.222 00:00 10/01/2004 00:00 9.09 8.561 10/604 16.645 7.568 7.568 5.464 2.392 2.373 1.169 6.769 6.769 7.434 7.434 7.593 11/01/2004 00:00 9.09 9.165 8.844 17.032 17.888 8.194 8.194 5.685 5.493 5.493 2.373 2.373 1.16 7.003 7.593 7.377 02/01/2004 00:00 9.26 8.835 17.813 7.707 7.707 5.591 5.687 2.412 2.412 1.175 7.093 7.377 7.31 7.494 7.494 00:00 00/01/2005		0.507	0.212	15.700	6.700	5.110	2.26	1.102	6.507	6.505
00:00 05/01/2004 00:00 9.21 9.415 9.415 8.68 8.384 16.897 7.352 7.446 5.422 5.485 2.424 2.424 1.182 1.207 6.48 6.991 06/01/2004 00:00 9.168 9.168 8.188 8.188 16.667 7.162 7.162 5.319 2.413 2.413 1.175 1.175 6.41 6.912 08/01/2004 00:00 9.328 00:00 8.508 16.778 16.509 7.276 7.244 5.421 2.413 2.413 1.176 1.196 6.541 6.541 7.086 7.222 09/01/2004 00:00 9.71 10/01/2004 8.561 9.09 9.09 11/01/2004 16.645 9.09 9.09 11/01/2004 7.882 9.09 9.09 9.018 5.464 8.194 2.392 5.493 1.169 2.373 6.769 1.179 1.189 1.		8.587	8.212	15.728	6.722	5.118	2.26	1.102	6.507	6.585
05/01/2004 9.21 8.384 16.897 7.352 5.422 2.424 1.182 6.564 6.753	04/01/2004	8.661	7.856	15.379	6.716	5.081	2.279	1.11	6.249	6.316
00:00 06/01/2004 00:00 9.415 9.415 8.68 8.68 17.029 17.029 7.446 7.162 5.485 5.485 2.478 2.413 1.207 1.175 6.48 6.991 07/01/2004 00:00 9.168 9.328 8.188 8.508 16.667 16.778 7.309 7.276 5.444 2.455 1.196 1.196 6.541 6.541 7.086 7.086 09/01/2004 00:00 9.71 9.09 8.264 8.561 16.645 16.645 7.568 7.568 5.464 5.493 2.392 2.373 1.169 1.169 6.769 6.769 7.434 7.344 00:00 11/01/2004 00:00 9.09 8.561 16.645 17.032 7.882 7.882 5.493 5.493 2.373 2.373 1.16 7.003 7.593 7.242 7.717 7.003 00:00 01/01/2004 00:00 9.29 9.042 17.888 8.194 8.194 5.685 2.445 2.412 1.175 1.175 7.093 7.377 7.377 00:00 01/01/2005 00:00 9.165 9.26 8.835 17.813 17.813 7.979 7.667 5.687 2.437 2.412 1.175 1.187 7.31 7.494 7.494 00:00 02/01/2005 00:00 9.48 8.848 17.813 17.813 7.999 7.621 5.749 7.492 2.495 7.416 1.216 7.313 7.79 7.422 7.442 7.643 05/01/2005 00:00		9.21	8 384	16 897	7 352	5.422	2 424	1 182	6 564	6.753
00:00 07/01/2004 00:00 9.168 9.168 8.188 8.188 16.667 16.78 7.162 7.309 5.319 5.444 2.413 2.455 1.175 1.196 6.41 6.912 6.912 0.900 0.900 09/01/2004 00:00 9.71 00:00 8.264 00:00 16.509 7.276 7.276 5.421 5.421 2.413 2.413 1.176 1.176 7.222 7.222 7.222 7.222 10/01/2004 00:00 9.09 9.09 8.561 8.74 17.032 17.032 7.882 7.882 5.493 5.493 2.373 2.373 1.16 1.16 7.003 7.593 7.593 7.593 12/01/2004 00:00 9.29 9.29 9.042 9.29 17.888 8.194 8.194 5.685 2.445 2.412 1.175 1.175 7.242 7.717 7.717 7.003 7.377 7.007 5.591 2.412 2.412 1.175 1.187 7.093 7.377 7.494 7.317 7.494 7.494 9.0000 7.494 9.210 7.882 17.813 7.909 7.799 5.749 5.687 2.437 2.437 1.187 1.187 7.313 7.494 7.494 9.0000 7.494 9.0000 <td></td> <td></td> <td></td> <td>10.077</td> <td></td> <td></td> <td>2.424</td> <td></td> <td></td> <td></td>				10.077			2.424			
07/01/2004 00:00 9.168 9.328 8.188 8.508 16.667 16.778 7.162 7.309 5.444 5.444 2.455 2.455 1.196 1.196 6.541 6.541 7.086 7.086 09/01/2004 00:00 9.328 9.09 8.561 8.561 16.509 16.645 7.276 7.568 5.421 5.421 2.413 2.413 1.176 1.176 7.222 7.222 7.222 7.222 10/01/2004 00:00 9.09 9.09 8.561 8.74 17.032 17.888 7.882 8.194 5.493 5.493 2.373 2.373 1.16 1.16 7.003 7.242 7.717 7.717 01/01/2004 00:00 9.29 9.042 17.888 8.194 8.194 5.685 2.445 2.495 1.195 1.175 7.242 7.717 7.717 01/01/2005 00:00 9.165 9.165 8.844 8.844 17.273 17.813 7.979 7.979 5.687 5.687 2.437 2.437 1.187 1.187 7.31 7.494 7.494 7.494 03/01/2005 00:00 9.48 9.48 8.848 17.815 7.909 7.909 5.749 5.749 2.495 2.495 1.216 7.313 7.799 7.643 05/01/2005 00:00 9.495 00:00 8.776 8.776 17.231 7.621 7.621 7.643 5.71 7.643 2.499 7.416 1.221 7.416 7.898 7.416		9.415	8.68	17.029	7.446	5.485	2.478	1.207	6.48	6.991
08/01/2004 00:00 9.328 9.71 8.508 8.264 16.778 16.509 7.309 7.276 5.444 5.421 2.455 2.413 1.196 1.176 6.541 7.222 7.086 7.222 10/01/2004 00:00 9.71 8.264 16.509 7.276 5.421 2.413 1.176 7.222 7.222 10/01/2004 00:00 9.09 8.561 16.645 7.568 5.464 2.392 1.169 6.769 7.434 00:00 11/01/2004 00:00 9.018 8.74 17.032 7.882 5.493 2.373 1.16 7.003 7.593 00:00 12/01/2004 9.29 9.042 17.888 8.194 5.685 2.445 1.195 7.242 7.717 00:00 9.165 8.844 17.273 7.707 5.591 2.412 1.175 7.093 7.377 00:00 9.26 8.835 17.813 7.979 5.687 2.437 1.187 7.31 7.494 00:00 9.57 9.041 18.274 8.04 5.811		9.168	8.188	16.667	7.162	5.319	2.413	1.175	6.41	6.912
00:00 09/01/2004 00:00 9.71 9.09 8.264 8.561 16.509 16.645 7.276 7.268 5.421 5.421 2.413 2.413 1.176 1.169 7.222 7.222 7.222 7.222 10/01/2004 00:00 9.09 9.09 8.561 16.645 7.568 5.464 2.392 1.169 6.769 7.434 00:00 11/01/2004 00:00 9.018 8.74 17.032 7.882 5.493 2.373 2.373 1.16 7.003 7.593 12/01/2004 00:00 9.29 9.042 17.888 8.194 5.685 5.464 2.445 1.195 7.242 7.717 00:00 9.165 8.844 17.273 7.707 5.591 2.412 1.175 7.093 7.377 00:00 9.26 8.835 17.813 7.979 5.687 2.437 1.187 7.31 7.494 00:00 9.48 8.848 17.815 7.909 5.749 2.495 1.216 7.313 7.79 00:00 9.600 9.495 8.776 17.231 7.621 5.71		0.220	0.500	4 5 7 7 0	7.000		2 1	4.40.5		7 00 f
09/01/2004 00:00 9.71 00:00 8.264 8.561 16.509 16.645 7.276 7.568 5.421 5.464 2.413 2.392 1.169 1.169 6.769 6.769 7.434 7.434 00:00 011/01/2004 00:00 9.018 00:00 8.561 16.645 17.032 7.882 7.882 5.464 5.493 2.373 2.373 1.16 1.16 7.003 7.593 7.593 7.593 00:00 012/01/2004 00:00 9.29 9.042 17.888 17.888 8.194 8.194 5.685 5.493 2.373 2.373 1.16 1.195 7.242 7.717 7.717 00:00 01/01/2005 00:00 9.165 9.165 8.844 8.844 17.273 17.813 7.707 7.707 5.591 5.687 2.412 2.412 1.175 1.187 7.093 7.377 7.317 7.494 00:00 03/01/2005 00:00 9.48 8.848 17.813 17.815 7.909 7.909 7.749 5.749 7.749 2.495 7.249 1.216 7.313 7.79 7.643 05/01/2005 00:00 9.495 00:00 8.776 9.495 8.776 17.231 17.544 7.521 7.643 5.71 7.643 2.499 7.2618 1.227 7.442 7.442 7.664 7.898 7.664 8.588 7.664 8.588 7.664 8.588 7.664 8.588 7.664 8.588 7.664 8.588 7.664 8.578 7.664 8.578 7.664		9.328	8.508	16.778	7.309	5.444	2.455	1.196	6.541	7.086
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	09/01/2004	9.71	8.264	16.509	7.276	5.421	2.413	1.176	7.222	7.222
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		9.09	8 561	16 645	7 568	5 464	2.392	1 169	6.769	7 434
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$										
12/01/2004 9.29 9.042 17.888 8.194 5.685 2.445 1.195 7.242 7.717		9.018	8.74	17.032	7.882	5.493	2.373	1.16	7.003	7.593
01/01/2005 00:00 9.165 8.844 17.273 7.707 5.591 2.412 1.175 7.093 7.377 02/01/2005 02/01/2005 03/01/2005 00:00 9.26 8.835 17.813 7.979 5.687 2.437 1.187 7.31 7.494 00:00 03/01/2005 00:00 9.48 8.848 17.815 7.909 5.749 2.495 1.216 7.313 7.79 00:00 05/01/2005 00:00 9.57 9.041 18.274 8.04 5.811 2.518 1.227 7.442 7.643 00:00 06/01/2005 00:00 9.495 8.776 17.231 7.621 5.71 2.499 1.221 7.175 7.532 00:00 07/01/2005 09:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 00:00 09/01/2005 09:00 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 09/01/2005 09:00 10.31 9.124 18.166 7.976 6.105 <		9.29	9.042	17.888	8.194	5.685	2.445	1.195	7.242	7.717
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		0.165	0.044	15.050	7.707	5.501	0.410	1 177	7.002	7.077
02/01/2005 00:00 9.26 8.835 00:00 17.813 07.979 7.979 5.687 2.437 2.437 1.187 1.187 7.31 7.31 7.494 7.494 03/01/2005 00:00 9.48 00:00 8.848 9.57 17.815 9.041 7.909 18.274 5.749 8.04 2.495 5.811 1.216 2.495 7.313 7.442 7.79 7.643 05/01/2005 00:00 9.57 9.495 8.776 8.776 17.231 7.621 7.621 7.579 5.764 7.579 2.499 7.416 1.221 7.175 7.532 7.416 7.898 7.898 00:00 9.819 9.819 8.747 8.747 17.231 7.643 7.643 7.643 5.91 7.643 2.618 7.261 1.263 7.461 7.979 7.898 00:00 10.24 9.211 18.307 18.307 8.077 8.076 6.08 8.715 2.715 8.715 1.318 7.664 7.664 8.588 00:00 10.31 9.124 18.166 7.976 7.976 6.105 2.735 8.735 1.329 7.858 8.8 8.8 10/01/2005 00:00 10.09 8.725 17.913 7.882 7.639 7.639 5.925 7.655 1.294 7.414 7.414 8.583		9.165	8.844	17.273	7.707	5.591	2.412	1.1/5	7.093	1.377
03/01/2005 00:00 9.48 8.848 17.815 7.909 5.749 2.495 1.216 7.313 7.79 04/01/2005 00:00 9.57 9.041 18.274 8.04 5.811 2.518 1.227 7.442 7.643 05/01/2005 00:00 9.495 8.776 17.231 7.621 5.71 2.499 1.221 7.175 7.532 00:00 9.713 8.799 17.544 7.579 5.764 2.556 1.25 7.416 7.898 00:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 00:00 9.801/2005 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 10/01/2005 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 10.09 8.725 17.913 7.882 5.967 2.673 1.30	02/01/2005	9.26	8.835	17.813	7.979	5.687	2.437	1.187	7.31	7.494
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		9 48	8 848	17 815	7 909	5 749	2.495	1 216	7 313	7 79
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	00:00									
05/01/2005 00:00 9.495 00:00 8.776 17.231 7.621 5.71 2.499 1.221 7.175 7.532 06/01/2005 00:00 9.713 8.799 17.544 7.579 5.764 2.556 1.25 7.416 7.898 00:00 07/01/2005 00:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 00:00 08/01/2005 00:00 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 09/01/2005 00:00 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 11/01/2005 00:00 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		9.57	9.041	18.274	8.04	5.811	2.518	1.227	7.442	7.643
06/01/2005 00:00 9.713 8.799 17.544 7.579 5.764 2.556 1.25 7.416 7.898 00:00 07/01/2005 00:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 00:00 08/01/2005 00:00 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 00:00 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		9.495	8.776	17.231	7.621	5.71	2.499	1.221	7.175	7.532
00:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 00:00 08/01/2005 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 09/01/2005 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		0.712	0.700	17.544	7.570	5.764	2.556	1.25	7.416	7.000
07/01/2005 00:00 9.819 8.747 17.231 7.643 5.91 2.618 1.263 7.461 7.979 08/01/2005 00:00 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 00:00 09/01/2005 00:00 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 00:00 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		9.713	8.799	17.544	7.579	5./64	2.556	1.25	7.416	7.898
08/01/2005 00:00 10.24 9.211 18.307 8.077 6.08 2.715 1.318 7.664 8.588 09/01/2005 00:00 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 00:00 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583	07/01/2005	9.819	8.747	17.231	7.643	5.91	2.618	1.263	7.461	7.979
00:00 00:00 00:00 10.31 9.124 18.166 7.976 6.105 2.735 1.329 7.858 8.8 00:00 10/01/2005 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		10.24	9.211	18 307	8.077	6.08	2.715	1.318	7.664	8.588
00:00 10/01/2005 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583	00:00									
10/01/2005 10.09 8.725 17.913 7.882 5.967 2.673 1.301 7.567 8.578 00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		10.31	9.124	18.166	7.976	6.105	2.735	1.329	7.858	8.8
00:00 11/01/2005 10.03 8.392 17.243 7.639 5.925 2.655 1.294 7.414 8.583		10.09	8.725	17.913	7.882	5.967	2.673	1.301	7.567	8.578
		10.02	0.202	17.040	7.620	5.005	2.655			0.502
	11/01/2005 00:00	10.03	8.392	17.243	7.639	5.925	2.655	1.294	7.414	8.583

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
12/01/2005 00:00	9.83	8.342	16.947	7.49	5.907	2.601	1.268	7.207	8.448
01/01/2006	9.395	8.008	16.616	7.317	5.768	2.505	1.211	7.05	8.177
00:00	9.23	7.926	16.052	6.978	5.679	2.486	1.19	6.801	8.09
00:00									
03/01/2006 00:00	9.075	7.698	15.82	6.934	5.596	2.455	1.169	6.377	7.757
04/01/2006	8.775	7.672	15.797	6.962	5.543	2.421	1.132	6.625	7.805
00:00	9.22	8.22	17.354	7.608	5.849	2.541	1.188	7.036	8.385
00:00	9.3	8.096	17.05	7.546	5.854	2.53	1.197	6.894	8.383
00:00	9.3	8.090	17.03	7.340	3.634	2.33	1.197	0.694	0.303
07/01/2006 00:00	9.07	7.913	16.892	7.358	5.742	2.482	1.167	6.944	8.023
08/01/2006	9.1	7.767	17.334	7.41	5.787	2.472	1.17	6.946	8.206
00:00	9.235	7.841	17.34	7.408	5.819	2.507	1.186	6.907	8.31
00:00	0.11		17.216			2 400		7.000	
10/01/2006 00:00	9.11	7.755	17.316	7.292	5.833	2.498	1.172	7.009	8.095
11/01/2006 00:00	9.165	7.886	17.855	7.582	5.937	2.531	1.179	7.197	8.052
12/01/2006	9.02	7.58	17.697	7.382	5.879	2.554	1.16	7.133	7.774
00:00	9.09	7.473	17.835	7.26	5.914	2.596	1.164	7.019	7.701
00:00									
02/01/2007 00:00	9.16	7.733	17.987	7.513	5.994	2.613	1.173	7.213	7.846
03/01/2007 00:00	9.118	7.758	17.895	7.491	6.012	2.638	1.167	7.364	7.875
04/01/2007	8.828	7.266	17.441	7.203	5.772	2.596	1.131	7.26	8.221
00:00	8.828	7.266	17.441	7.203	5.772	2.596	1.131	7.26	8.221
00:00									
06/01/2007 00:00	9.054	7.347	18.125	7.344	5.908	2.619	1.158	7.676	8.544
07/01/2007	9.186	7.724	18.665	7.64	6.079	2.659	1.174	7.901	8.63
00:00	9.41	8.107	18.963	7.828	6.178	2.687	1.207	7.696	8.899
00:00	9.137	7.935	18.497	7.801	6.132	2.676	1.177	8.058	9.127
00:00									
10/01/2007 00:00	9.103	7.932	18.837	7.859	6.279	2.724	1.175	8.394	9.544
11/01/2007	9.376	8.516	19.355	8.382	6.485	2.792	1.204	8.309	9.4
00:00	9.419	8.307	18.804	8.26	6.502	2.828	1.208	8.229	9.596
00:00	9.291	8.732	18.449	8.566	6.55	2.871	1.191	8.268	9.335
00:00									
02/01/2008 00:00	9.23	7.926	16.052	6.978	5.679	2.486	1.19	6.801	8.09
03/01/2008	9.217	9.227	18.391	9.241	6.683	2.893	1.184	8.45	9.012
00:00 04/01/2008	9.234	8.865	18.157	8.895	6.784	2.925	1.185	8.622	9.111
00:00									
05/01/2008 00:00	9.318	8.827	18.41	8.884	6.822	2.875	1.194	8.894	9.416

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
06/01/2008 00:00	9.225	8.672	18.397	9.048	6.779	2.825	1.183	8.879	9.137
07/01/2008	9.118	8.445	18.057	8.711	6.665	2.794	1.169	8.613	8.912
00:00 08/01/2008	9.153	8.39	16.765	8.36	6.46	2.698	1.172	7.916	8.711
00:00 09/01/2008	9.378	8.853	17.279	8.644	6.594	2.731	1.205	7.844	9.076
00:00	10.99	11.194	17.927	9.63	7.433	3.088	1.418	7.324	9.043
00:00	5								
11/01/2008 00:00	12.15 1	12.743	18.708	10.116	8.068	3.361	1.567	7.951	9.827
12/01/2008 00:00	10.95	12.123	15.803	10.349	7.607	3.153	1.413	7.556	8.978
01/01/2009 00:00	11.35	12.676	16.153	9.842	7.528	3.146	1.464	7.327	9.241
02/01/2009	11.98	12.266	17.092	10.28	7.776	3.249	1.545	7.732	9.545
00:00 03/01/2009 00:00	11.57	11.794	16.559	10.094	7.617	3.172	1.494	7.949	9.21
04/01/2009 00:00	10.71	10.975	15.856	9.455	7.222	3.003	1.382	7.792	8.938
05/01/2009 00:00	10.34	10.729	16.508	9.567	7.124	3.948	1.334	8.139	9.301
06/01/2009 00:00	10.22	10.659	16.99	9.458	7.055	2.902	1.319	8.291	8.85
07/01/2009 00:00	9.92	10.412	16.386	9.14	6.882	2.819	1.28	8.204	9.175
08/01/2009 00:00	10.06	10.85	16.35	9.498	6.98	2.857	1.298	8.465	9.197
09/01/2009 00:00	9.681	10.779	15.506	9.365	6.841	2.782	1.249	8.509	8.951
10/01/2009 00:00	9.545	10.454	15.814	9.377	6.834	2.802	1.232	8.727	8.941
11/01/2009 00:00	9.48	10.933	15.718	9.456	6.857	2.796	1.223	8.692	8.981
12/01/2009 00:00	9.4	10.17	15.114	9.087	6.699	2.747	1.212	8.432	8.936
01/01/2010	9.365	10.41	15.114	8.9	6.664	2.74	1.206	8.362	8.774
00:00	9.335	10.231	14.352	8.606	6.616	2.742	1.202	8.326	8.856
00:00	9.115	9.771	13.738	8.536	6.505	2.784	1.174	8.344	8.96
00:00	9.012	9.574	13.815	8.316	6.583	2.823	1.161	8.378	8.969
00:00 05/01/2010	9.18	10.04	13.297	7.946	6.546	1.178	1.178	8.738	8.738
00:00	9.083	10.258	13.68	8.385	6.481	2.784	1.167	8.62	8.62
00:00									
07/01/2010 00:00	8.952	10.35	13.997	8.603	6.569	2.808	1.153	8.05	8.646
08/01/2010 00:00	9.041	10.714	13.979	8.833	6.664	2.878	1.162	8.079	8.526
09/01/2010 00:00	8.924	10.677	14.112	9.129	6.774	2.892	1.15	8.63	8.636
10/01/2010 00:00	8.928	11.08	14.235	9.072	6.88	2.873	1.151	8.722	8.746
11/01/2010 00:00	9.013	10.713	14.035	9.028	6.843	2.858	1.161	8.701	8.86

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
12/01/2010	8.991	11.029	13.894	9.6	6.981	2.916	1.155	9.143	8.987
00:00 01/01/2011	9.057	11.036	14.359	9.622	7.046	2.926	1.162	8.982	9.052
00:00	0.022	10.705	1410	0.400	6.016	2 000	1 122	0.04	0.022
02/01/2011 00:00	8.823	10.795	14.19	9.499	6.916	2.888	1.132	8.94	9.022
03/01/2011	8.709	10.514	14.026	9.484	6.906	2.879	1.118	9.001	8.972
00:00 04/01/2011	8.574	10.513	14.28	9.815	6.987	2.883	1.103	9.352	9.014
00:00									
05/01/2011 00:00	8.537	10.522	14.11	10.055	6.929	2.838	1.097	9.162	8.764
06/01/2011	8.597	10.672	13.835	10.334	6.985	2.846	1.105	9.22	8.884
00:00 07/01/2011	8.508	10.955	13.9	10.609	7.065	2.879	1.092	9.336	8.941
00:00	0.500	10.933	13.9	10.009	7.003	2.079	1.092	9.330	0.941
08/01/2011	8.578	11.099	13.981	10.816	7.103	2.871	1.1	8.99	8.693
00:00 09/01/2011	8.823	11.524	13.764	9.81	6.796	2.768	1.132	8.611	8.498
00:00	0.005	11 104	1.1.1.60	10.172	7.002	2.007	1 120	0.240	
10/01/2011 00:00	8.835	11.186	14.162	10.172	7.092	2.887	1.138	9.348	8.866
11/01/2011	9.17	11.772	14.315	9.975	7.09	2.896	1.177	9.225	8.898
00:00 12/01/2011	9.068	11.68	13.969	9.636	6.974	2.853	1.167	9.203	8.882
00:00									
01/01/2012 00:00	9	11.792	14.152	9.836	7.176	2.954	1.16	9.573	8.997
02/01/2012	9.085	11.275	14.466	10.156	7.287	3.031	1.171	9.827	9.144
00:00 03/01/2012	9.18	11.176	14.67	10.168	7.309	2.996	1.182	9.555	9.218
00:00	9.10	11.170	14.07	10.108	7.309	2.990	1.102	9.555	9.216
04/01/2012 00:00	9.19	11.467	14.961	10.128	7.425	3.029	1.184	9.604	9.37
05/01/2012	9.565	12.141	14.803	9.851	7.425	3.007	1.232	9.284	9.292
00:00	0.40	11.062	1.4.722	0.026	7.415	2.067	1 222	0.524	0.101
06/01/2012 00:00	9.48	11.963	14.732	9.826	7.415	2.967	1.222	9.524	9.181
07/01/2012	9.485	12.135	14.911	9.688	7.616	3.013	1.223	9.974	9.477
00:00 08/01/2012	9.56	12.174	15.097	9.963	7.631	3.06	1.233	9.838	9.634
00:00									
09/01/2012 00:00	9.588	12.364	15.586	10.251	7.826	3.132	1.237	10.038	9.794
10/01/2012	9.615	12.09	15.461	10.319	7.882	3.149	1.241	9.984	9.621
00:00 11/01/2012	9.605	11.644	15.412	10.369	7.872	3.156	1.239	10.011	9.674
00:00									
12/01/2012 00:00	9.67	11.197	15.579	10.597	7.907	3.16	1.247	10.025	9.722
01/01/2013	9.698	10.676	15.325	10.655	7.834	3.133	1.25	10.113	9.677
00:00 02/01/2013	9.667	10.46	14.663	10.405	7.822	3.125	1.246	9.926	9.451
00:00	9.00/	10.40	14.003	10.403	1.022	3.123	1.240	9.920	7.431
03/01/2013	9.719	10.323	14.714	10.191	7.816	3.133	1.252	10.13	9.564
00:00 04/01/2013	9.722	9.925	15.055	10.368	7.879	3.207	1.253	10.057	9.606
00:00									
05/01/2013 00:00	9.802	9.705	14.927	10.276	7.786	3.185	1.263	9.476	9.516

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
06/01/2013 00:00	9.929	10.035	15.159	10.526	7.841	3.124	1.28	9.184	9.473
07/01/2013 00:00	10.27 8	10.486	15.66	11.061	8.086	3.166	1.325	9.296	9.983
08/01/2013 00:00	10.92	11.129	16.95	11.745	8.563	3.307	1.409	9.766	10.372
09/01/2013 00:00	11.61	11.869	18.77	12.826	9.234	3.564	1.498	10.798	11.262
10/01/2013 00:00	11.23	11.415	18.014	12.49	9.068	3.561	1.449	10.675	10.723
11/01/2013 00:00	11.97	11.68	19.596	13.234	9.537	3.712	1.545	10.858	11.299
12/01/2013 00:00	12.18	11.617	20.097	13.732	9.628	3.708	1.572	10.876	11.443
01/01/2014 00:00	12.22	11.955	20.24	13.652	9.578	3.654	1.574	10.669	10.933
02/01/2014 00:00	11.63	11.419	19.41	13.098	9.193	3.549	1.499	10.433	10.459
03/01/2014 00:00	11.40	11.165	18.956	12.86	9.05	3.482	1.47	10.594	10.358
04/01/2014 00:00	11.53	11.261	19.403	13.048	9.178	3.533	1.487	10.699	10.531
05/01/2014 00:00	11.61	11.435	19.422	12.938	9.254	3.61	1.498	10.818	10.718
06/01/2014 00:00	11.96	11.815	20.38	13.435	9.583	3.729	1.544	11.265	11.215
07/01/2014 00:00	11.59	11.39	19.691	12.843	9.342	3.646	1.496	10.914	10.789
08/01/2014 00:00	11.71	11.297 31	19.432 06	12.800 58	9.3822	3.712 03	1.511 84	10.960 67	10.791 14
09/01/2014 00:00	12.21	11.170 37	19.835 35	12.840 56	9.5851 8	3.728 86	1.572 82	10.654 98	10.952
10/01/2014 00:00	12.08	11.043 38	19.317 92	12.626 86	9.4545 8	3.680 18	1.557 91	10.662 98	10.790 41
11/01/2014 00:00	12.19	10.322 48	19.178 22	12.643	9.3660	3.623 84	1.573	10.391	10.755
12/01/2014 00:00	12.44	10.424 88	19.370 34	12.582 82	9.4221	3.561 93	1.603 67	10.218 23	10.734
01/01/2015 00:00	12.62 5	10.699 16	19.035 36	13.687 16	9.3383	3.481 33	1.628 57	9.8298 4	10.002 38
02/01/2015 00:00	12.86	10.784 32	19.841	13.503 07	9.4804	3.561 69	1.658 64	10.011	10.284 64
03/01/2015 00:00	13.08	10.894 72	19.357 14	13.515 85	9.5080 3	3.523 84	1.687 25	10.002	10.310
04/01/2015 00:00	12.93	10.888 36	19.959	13.761 33	9.7951	3.640 64	1.669 19	10.334 75	10.753 96
05/01/2015 00:00	13.21	10.682 04	20.254 45	14.014 77	9.8062 8	3.626 41	1.703 93	10.129 55	10.635 17
06/01/2015 00:00	13.33	10.895 72	20.969	14.380 36	9.8946	3.526 99	1.719 77	10.217 66	10.733
07/01/2015 00:00	13.48	10.873 97	21.035 77	13.928 81	9.8136 5	3.532 76	1.739 04	9.8458 5	10.372 79
08/01/2015 00:00	14.02	11.574 88	21.645 08	14.605 41	9.9373	3.343 76	1.809 88	10.005	10.593
09/01/2015 00:00	14.65	12.232 01	22.208	15.081 56	10.274 45	3.297 05	1.891 21	10.270 17	10.916 89
10/01/2015 00:00	13.63	11.279 84	20.894 28	13.792	9.7324 3	3.168 19	1.759 84	9.6857 5	10.364 78
11/01/2015 00:00	13.84	11.273 58	20.791 85	13.420 64	9.7837	3.239 71	1.785 75	9.9392 1	10.342 64

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
12/01/2015	13.79	11.452	20.451	13.951	9.7511	3.209	1.779	10.064	9.9480
00:00	5	42	11	29	9	65	83	16	9
01/01/2016 00:00	13.84	11.675 04	19.875 26	13.645 45	9.7073 1	3.329 58	1.776 71	9.8265	9.8639 4
02/01/2016	13.39	11.814	18.562	13.446	9.4926	3.164	1.722	9.5406	9.8991
00:00	5	79	8	12	1	06	69	1	4
03/01/2016	13.27	11.818	19.057	13.746	9.8300	3.389	1.712	10.162	10.221
00:00	6	24	71	86	9	34	12	13	75
04/01/2016	13.20	12.301	19.335	13.693	9.8320	3.394	1.702	10.090	10.533
00:00	13.61	68 12.256	96 19.998	58 13.726	9.8738	79 3.310	07 1.752	5 9.8525	3 10.448
00:00	5	39	4	91	2	65	57	1	97
06/01/2016	13.18	12.831	17.682	13.454	9.7705	3.278	1.698	9.8164	10.186
00:00		02	3	52	7	21	77	7	27
07/01/2016	13.09	12.587	17.270	13.369	9.6992	3.228	1.688	9.8722	9.9657
00:00	13.3	98 12.917	35 17.425	42 13.530	7 9.7582	71 3.283	3 1.714	10.012	6 10.161
08/01/2016 00:00	13.3	02	01	73	6	5.283	55	92	99
09/01/2016	12.99	12.873	16.847	13.456	9.5216	3.136	1.676	9.9116	9.8799
00:00	8	78	37	22	6	59	08	3	1
10/01/2016	13.05	12.444	15.896	13.198	9.3716	3.103	1.682	9.9168	9.7264
00:00	1 12.56	94	78	19	8	33	95	1	9
11/01/2016 00:00	13.56	12.080 17	16.925 95	13.403 53	9.5255 9	3.037 98	3.037 98	10.151 91	10.102 8
12/01/2016	13.43	11.540	16.507	13.177	9.2989	2.996	1.732	9.7243	9.9714
00:00	6	48	5	76	2	1	47	1	3
01/01/2017	13.34	11.774	16.700	13.420	9.4021	3.012	1.719	10.1	10.189
00:00	3	1	77	2	2	31	86		39
02/01/2017	13.34	11.856	16.592	13.229	9.4952	3.003	1.719	10.254	10.119
00:00	7 13.32	1 11.884	33 16.639	92 13.308	9.5320	38	64 1.714	51 10.185	9.9865
00:00	1	74	94	36	4	38	34	92	1
04/01/2017	13.32	11.990	17.203	13.406	9.5455	3.064	1.713	9.9559	9.7691
00:00	7	65	84	77	4	74	09	5	
05/01/2017 00:00	13.32	11.988 49	17.080 2	13.652 07	9.6128 5	3.113 85	1.709	9.9301 4	9.8952 6
06/01/2017	13.31	12.000	16.867	13.697	9.5906	3.109	69 1.707	10.051	9.9973
00:00	9	73	86	75	5	74	67	2	7
07/01/2017	13.32	12.061	17.499	13.763	9.8190	3.114	1.706	10.636	10.687
00:00	3	93	78	44	8	68	15	43	48
08/01/2017	13.35	12.084	17.242	13.851	9.8263	3.126	1.706	10.546	10.560
00:00	1 13.49	11.980	15 18.099	74 13.889	9.9260	34 3.190	13	63 10.577	41 10.842
00:00	2	12	53	24	7	74	12	73	61
10/01/2017	13.57	12.001	17.913	13.625	9.9698	3.206	1.739	10.431	10.573
00:00	2	59	01	84	9	62	61	45	81
11/01/2017	13.51	12.066	18.205	13.739	10.033	3.307	1.730	10.251	10.507
00:00	13.54	62 12.021	18.218	34 13.842	79 10.133	3.335	1.732	73 10.557	75 10.778
00:00	8	84	01	15.642	52	31	87	28	91
01/01/2018	13.41	12.317	18.972	14.342	10.222	3.438	1.714	10.807	10.872
00:00	3	38	03	4	55	36	87	54	18
02/01/2018	13.70	12.790	19.057	14.586	10.344	3.491	1.750	10.682	10.731
00:00	13.75	56 12 005	54 19.365	59 14.387	53 10.486	79 3.557	82 1.752	57 10.528	65 10.646
03/01/2018	13.75	12.905 53	19.365	63	76	3.357 29	79	10.528	65
04/01/2018	13.87	12.718	19.119	14.046	10.489	3.540	1.768	10.502	10.805
00:00	7	95	04	98	45	73	18	81	54
05/01/2018	13.95	12.839	18.553	14.111	10.413	3.511	1.778	10.546	10.831
00:00	1	73	44	17	92	02	18	26	94

DateTime	USD	JPY	GBP	CHF	SGD	MYR	HKD	AUD	CAD
06/01/2018	14.40	13.037	18.834	14.442	10.529	3.561	1.835	10.581	10.864
00:00	4	07	68	3	63	39	47	92	39
07/01/2018	14.41	12.982	18.912	14.592	10.585	3.546	1.836	10.692	11.033
00:00	3	94	03	5	36	08	44	3	46
08/01/2018	14.71	13.256	19.141	15.189	10.759	3.579	1.874	10.664	11.3
00:00	1	14	98	51	56	76	25	74	
09/01/2018	14.92	13.144	19.527	15.282	10.919	3.605	1.909	10.770	11.466
00:00	9	62	14	81		61	51	53	22
10/01/2018	15.22	13.459	19.354	15.152	10.989	3.638	1.940	10.792	11.610
00:00	7	14	28		07	91	57	14	3

Data Klimatologi - MeteoGalicia

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
07/06/2016 00:00	40.8	21.3	5.47	315	0
07/07/2016 00:00	20.9	20.1	6.41	315	0
07/08/2016 00:00	27.2	19.5	7.02	315	0
07/09/2016 00:00	23.2	19.1	5.94	315	0
07/10/2016 00:00	77.5	18.7	5.44	180	0
07/11/2016 00:00	63.9	17.1	4.82	225	0
07/12/2016 00:00	31.5	16.7	6.44	315	0
07/13/2016 00:00	23.2	16.4	7.99	45	0
07/14/2016 00:00	10	17.8	6.95	45	0
07/15/2016 00:00	9.2	20.9	5.51	90	0
07/16/2016 00:00	10.1	23.6	4.82	90	0
07/17/2016 00:00	10	24.5	4.68	315	0
07/18/2016 00:00	17.4	24.1	4.68	315	0
07/19/2016 00:00	13.2	21.6	8.6	225	0
07/20/2016 00:00	62.5	19.5	5.08	315	0
07/21/2016 00:00	64.6	19.9	4.28	180	0
07/22/2016 00:00	75.7	19.1	7.16	315	0
07/23/2016 00:00	10.9	19.6	7.92	315	0
07/24/2016 00:00	8.9	19.7	7.16	315	0
07/25/2016 00:00	24.4	20.1	6.52	90	0
07/26/2016 00:00	37.3	20.3	8.82	45	0
07/27/2016 00:00	18.7	20.9	9.9	225	0
07/28/2016 00:00	22.3	21.5	9.72	45	0
07/29/2016 00:00	35.6	19	6.62	315	0
07/30/2016 00:00	74.4	19	6.41	270	0
07/31/2016 00:00	48.6	19.6	7.7	315	0
08/01/2016 00:00	13.9	17.4	6.95	315	0
08/02/2016 00:00	12.6	18	6.48	315	0
08/03/2016 00:00	64.3	21	4.36	45	0
08/04/2016 00:00	75	20.2	8.1	180	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
08/05/2016 00:00	14.6	19	6.73	315	0
08/06/2016 00:00	9.2	20.9	5.62	315	0
08/07/2016 00:00	9.7	21.2	5.54	315	0
08/08/2016 00:00	20.6	21.2	6.23	270	0
08/09/2016 00:00	72.8	19.3	13.97	45	0
08/10/2016 00:00	34.1	18.9	15.48	45	0
08/11/2016 00:00	8.7	19.7	9.14	45	0
08/12/2016 00:00	15.1	21.3	4.36	90	0
08/13/2016 00:00	20.2	17.8	5	315	0
08/14/2016 00:00	50.2	20.1	4.07	315	0
08/15/2016 00:00	32.7	19.6	6.3	45	0
08/16/2016 00:00	23.3	20.3	7.09	180	0
08/17/2016 00:00	73.5	19	8.39	180	0
08/18/2016 00:00	11.9	19	6.84	315	0
08/19/2016 00:00	47.2	19.7	7.88	315	6.4
08/20/2016 00:00	24.4	16.9	5.4	180	0
08/21/2016 00:00	9.1	17.5	5.11	315	0
08/22/2016 00:00	9.3	22.4	4.68	225	0
08/23/2016 00:00	44.1	19.1	5.22	315	0
08/24/2016 00:00	67.2	19.9	4.93	315	2.1
08/25/2016 00:00	100	19.2	6.12	270	6.5
08/26/2016 00:00	43.4	21.1	6.19	225	0
08/27/2016 00:00	35.3	19.7	4.57	135	0
08/28/2016 00:00	36.8	18.4	5.72	315	0
08/29/2016 00:00	17.8	18.3	7.96	45	0
08/30/2016 00:00	12.5	18.6	5.15	315	0
08/31/2016 00:00	18.9	18.5	6.08	225	0
09/01/2016 00:00	24.2	19.7	5.08	315	0
09/02/2016 00:00	38.6	19.5	5.18	315	0
09/03/2016 00:00	25.3	20.4	4.68	225	0
09/04/2016 00:00	35.4	20.4	5.62	135	0
09/05/2016 00:00	35.5	18.5	5.58	315	0
09/06/2016 00:00	22.6	21.9	3.89	225	0
09/07/2016 00:00	61.9	19.7	6.52	315	1.2
09/08/2016 00:00	16.1	17.2	4.9	270	0
09/09/2016 00:00	28.1	17	4.82	180	0
09/10/2016 00:00	87.8	19.3	5.98	180	3.4
09/11/2016 00:00	25.6	20.3	4.93	45	0.3
09/12/2016 00:00	33.1	20.4	12.92	225	3
09/13/2016 00:00	72.6	16.1	8.14	270	54.8
09/14/2016 00:00	96.8	13.7	9.4	225	19.1
09/15/2016 00:00	93	15.7	8.86	270	3.4

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
09/16/2016 00:00	66	16.1	4.28	315	0.3
09/17/2016 00:00	31.8	14.1	4.72	180	0
09/18/2016 00:00	15.5	14.4	5.11	315	0
09/19/2016 00:00	17.2	15.2	4.9	270	0
09/20/2016 00:00	38.9	14.8	5.58	315	0
09/21/2016 00:00	45.7	15.4	5.04	315	0
09/22/2016 00:00	51.6	16.3	4.75	315	0
09/23/2016 00:00	14.4	17.1	4.36	315	0
09/24/2016 00:00	72.6	17.3	10.3	180	12.2
09/25/2016 00:00	28.1	16	4.18	315	0
09/26/2016 00:00	54.1	16.1	4.86	225	0
09/27/2016 00:00	91.6	18.3	3.78	315	1.9
09/28/2016 00:00	24.6	18.4	3.92	315	0
09/29/2016 00:00	41.6	16.9	3.82	315	0
09/30/2016 00:00	86.2	15.5	3.28	225	0.6
10/01/2016 00:00	48.4	13.2	3.78	225	0
10/02/2016 00:00	16.6	12.8	2.84	225	0
10/03/2016 00:00	15.8	13.4	2.88	225	0
10/04/2016 00:00	93.3	13.4	3.82	225	0.7
10/05/2016 00:00	81.4	12.6	3.02	225	0
10/06/2016 00:00	31.5	14.4	3.42	315	0
10/07/2016 00:00	15.8	14.5	2.66	225	0
10/08/2016 00:00	31.1	14.6	4.43	45	0
10/09/2016 00:00	14.2	13.4	4.61	45	0
10/10/2016 00:00	14.4	12.9	2.59	225	0
10/11/2016 00:00	98.1	13.4	6.26	180	2.4
10/12/2016 00:00	77	15.4	3.64	225	6
10/13/2016 00:00	98.6	13.1	3.6	180	4.3
10/14/2016 00:00	40.2	12.4	8.5	225	4.2
10/15/2016 00:00	91.2	14.2	10.48	180	2.2
10/16/2016 00:00	48.4	15.6	7.31	225	2.5
10/17/2016 00:00	93.4	15.3	2.77	225	0.7
10/18/2016 00:00	42.5	15	3.24	225	0
10/19/2016 00:00	75.5	15.1	3.82	45	0
10/20/2016 00:00	41.7	14.6	5.08	45	0
10/21/2016 00:00	23.6	13.4	1.91	225	0
10/22/2016 00:00	92.2	14.9	2.92	225	13.8
10/23/2016 00:00	34	14.3	11.63	180	3.7
10/24/2016 00:00	33.5	13.5	5.15	180	0
10/25/2016 00:00	52.9	14.2	3.1	225	0
10/26/2016 00:00	24.3	16	1.69	225	0
10/27/2016 00:00	14.2	16.5	1.33	225	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
10/28/2016 00:00	16.9	17.6	0.68	225	0
10/29/2016 00:00	25.2	16.8	0.94	225	0
10/30/2016 00:00	12.7	15.8	1.58	225	0
10/31/2016 00:00	21.8	15.2	0.86	225	0
11/01/2016 00:00	75.2	14.3	1.01	225	0
11/02/2016 00:00	51.4	14.4	1.26	225	0
11/03/2016 00:00	68.9	14.5	1.98	225	0.5
11/04/2016 00:00	95	14	4.03	270	4
11/05/2016 00:00	47.6	10.9	4.43	225	16.6
11/06/2016 00:00	66.8	7.5	4.86	225	13.1
11/07/2016 00:00	45.1	6.9	4.61	225	11.5
11/08/2016 00:00	89.9	9.7	8.53	225	16.2
11/09/2016 00:00	94.2	10.9	4.43	270	2.3
11/10/2016 00:00	88.1	11.1	3.67	225	1.9
11/11/2016 00:00	73	12.8	6.95	180	0.7
11/12/2016 00:00	100	14.6	7.09	180	15.7
11/13/2016 00:00	73.9	12.5	5.94	45	0.3
11/14/2016 00:00	27.1	9.9	5.22	45	0
11/15/2016 00:00	12.5	8.9	2.66	225	0
11/16/2016 00:00	14.3	9.9	2.38	225	0
11/17/2016 00:00	91.9	12.3	4.14	225	1.1
11/18/2016 00:00	79.4	12.1	8.75	270	1.2
11/19/2016 00:00	91.2	11.2	14.26	225	3.3
11/20/2016 00:00	68.8	14.2	14.4	225	23.7
11/21/2016 00:00	94.8	9.4	10.94	225	12.3
11/22/2016 00:00	51.4	5.7	4	225	0.6
11/23/2016 00:00	45.7	5.6	3.64	225	0
11/24/2016 00:00	100	7.1	9.04	135	14.6
11/25/2016 00:00	13.4	5.4	4.46	225	0
11/26/2016 00:00	94.2	5.1	2.66	225	0
11/27/2016 00:00	15.9	7.5	2.59	225	0
11/28/2016 00:00	17.5	6.8	2.56	225	0
11/29/2016 00:00	18.3	7.2	4.18	90	0
11/30/2016 00:00	37.3	8.9	3.6	225	0
12/01/2016 00:00	69.7	11.1	2.2	225	0
12/02/2016 00:00	13.9	9.1	2.02	225	0
12/03/2016 00:00	38.7	10	3.64	225	0
12/04/2016 00:00	21.8	13.1	2.84	225	0.5
12/05/2016 00:00	29.8	12	2.05	225	0
12/06/2016 00:00	20.5	11.7	2.66	225	0
12/07/2016 00:00	36.6	12.5	4.25	225	0
12/08/2016 00:00	60.2	12.4	5.08	180	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
12/09/2016 00:00	17.1	13.3	9.14	180	0
12/10/2016 00:00	57.8	14.1	9.68	180	0
12/11/2016 00:00	29.4	13	4.75	225	0
12/12/2016 00:00	29.6	11.7	3.13	225	0
12/13/2016 00:00	22	11	6.52	180	0
12/14/2016 00:00	61.5	11	7.45	225	20.2
12/15/2016 00:00	99.2	8.6	10.87	180	8
12/16/2016 00:00	68.1	9.8	5.26	225	17.4
12/17/2016 00:00	15.6	7.9	3.38	225	0
12/18/2016 00:00	15.4	5.8	3.1	225	0
12/19/2016 00:00	56.8	4.6	3.35	225	0
12/20/2016 00:00	94.9	8	2.41	225	5.4
12/21/2016 00:00	99.4	9.9	7.06	180	0
12/22/2016 00:00	97.9	13	5.8	225	1.1
12/23/2016 00:00	82.6	12.9	5.62	225	0
12/24/2016 00:00	67.6	13.4	3.49	225	0
12/25/2016 00:00	15.3	10.3	2.52	225	0
12/26/2016 00:00	59.7	9.7	3.02	225	0
12/27/2016 00:00	14.8	5.7	2.02	225	0
12/28/2016 00:00	14.7	5.3	1.19	225	0
12/29/2016 00:00	14.8	4.7	1.44	225	0
12/30/2016 00:00	14.9	4.5	1.22	225	0
12/31/2016 00:00	14.8	4.4	1.87	225	0
01/01/2017 00:00	99.2	6.4	5.54	180	0
01/02/2017 00:00	75.9	11.8	8.35	135	0
01/03/2017 00:00	83.9	12.1	4.9	180	0.5
01/04/2017 00:00	62.7	13.6	3.49	225	1.4
01/05/2017 00:00	19.2	11	2.56	225	0
01/06/2017 00:00	14.3	5.7	2.92	225	0
01/07/2017 00:00	14.3	3.8	1.98	225	0
01/08/2017 00:00	14.3	4.5	1.84	225	0
01/09/2017 00:00	34.2	5.9	2.12	225	0
01/10/2017 00:00	93.7	10.1	3.67	225	6.2
01/11/2017 00:00	98	11.3	2.88	225	1.8
01/12/2017 00:00	98.9	10.3	7.63	270	2.8
01/13/2017 00:00	81.7	6.6	4.57	225	5.2
01/14/2017 00:00	35.2	5.4	3.35	225	0.9
01/15/2017 00:00	82.3	6.9	3.13	225	0.3
01/16/2017 00:00	82.5	8.2	3.53	225	0
01/17/2017 00:00	68.3	8	6.41	45	0
01/18/2017 00:00	21.4	4.4	9.5	45	0
01/19/2017 00:00	97.8	1	2.48	225	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
01/20/2017 00:00	13.3	1.6	2.3	225	0
01/21/2017 00:00	26.8	3.3	2.2	225	0
01/22/2017 00:00	16.9	3.7	2.92	225	0
01/23/2017 00:00	15.3	3.5	3.13	225	0
01/24/2017 00:00	14.7	3.5	2.09	225	0
01/25/2017 00:00	20.7	5.6	5.36	180	0.6
01/26/2017 00:00	68	10.9	12.49	180	3.2
01/27/2017 00:00	77.4	8	10.66	180	22.4
01/28/2017 00:00	66.2	9.2	9.22	180	1.8
01/29/2017 00:00	87.5	13.2	14.58	225	0
01/30/2017 00:00	100	13.9	19.55	180	0
01/31/2017 00:00	98.5	11.8	9.79	180	12.2
02/01/2017 00:00	88	11.9	17.89	180	0.4
02/02/2017 00:00	68.1	10.5	21.89	225	43.4
02/03/2017 00:00	93.5	11	29.84	225	67.6
02/04/2017 00:00	97.3	11.7	19.76	225	18.5
02/05/2017 00:00	75.4	9.6	18.11	270	3.5
02/06/2017 00:00	78	13.1	13.07	225	17.1
02/07/2017 00:00	52.9	8.9	7.34	270	3.2
02/08/2017 00:00	47.9	5.8	2.81	225	0
02/09/2017 00:00	92	7.4	6.73	180	0.6
02/10/2017 00:00	33.7	8.4	10.22	180	0
02/11/2017 00:00	80.5	6.3	11.2	45	0
02/12/2017 00:00	94.3	9.7	9	90	1
02/13/2017 00:00	83.7	9.9	8.93	180	1.6
02/14/2017 00:00	67.4	10.7	9.11	180	12.4
02/15/2017 00:00	89	11.4	3.02	225	2.2
02/16/2017 00:00	16.3	12	2.99	225	0
02/17/2017 00:00	15.8	11.1	5	225	0
02/18/2017 00:00	83.6	9.4	4.79	180	21.4
02/19/2017 00:00	22.2	8.5	4.57	270	0
02/20/2017 00:00	17	9.5	5.72	270	0
02/21/2017 00:00	19.4	10.5	4.32	315	0
02/22/2017 00:00	14	9.7	2.99	225	0
02/23/2017 00:00	91.1	10.7	3.96	225	0.4
02/24/2017 00:00	31.2	10.2	7.49	45	0
02/25/2017 00:00	10.5	8.8	6.19	225	0
02/26/2017 00:00	88.6	11.8	11.27	225	0
02/27/2017 00:00	78.8	11.2	20.99	225	5.9
02/28/2017 00:00	77.5	10.6	13.46	225	10.1
03/01/2017 00:00	75.8	12.4	15.8	225	0.8
03/02/2017 00:00	75.1	12.7	15.98	180	3.5

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
03/03/2017 00:00	92.2	7.8	12.1	225	11.1
03/04/2017 00:00	56.1	8.8	13.54	225	3.6
03/05/2017 00:00	98.4	13.4	12.13	225	3.7
03/06/2017 00:00	35.5	13.4	7.13	225	3.2
03/07/2017 00:00	96.9	13.5	6.84	180	0
03/08/2017 00:00	59	12.4	4.18	225	0
03/09/2017 00:00	10	11.8	5.04	225	0
03/10/2017 00:00	9.3	15.8	5.29	225	0
03/11/2017 00:00	88.1	12.7	11.3	270	0.3
03/12/2017 00:00	72.6	10.5	10.44	315	18.3
03/13/2017 00:00	36.7	10.8	10.33	45	0
03/14/2017 00:00	9.1	12.9	9.4	90	0
03/15/2017 00:00	9.1	12.8	4.64	90	0
03/16/2017 00:00	10.3	12.7	6.26	315	0
03/17/2017 00:00	9.3	11.9	5.87	315	0
03/18/2017 00:00	17.7	9.3	5.51	315	0
03/19/2017 00:00	39.5	9.8	6.66	315	0
03/20/2017 00:00	93.3	11.7	6.26	225	0
03/21/2017 00:00	58.2	10.4	7.99	225	20.5
03/22/2017 00:00	81.3	5.9	11.77	225	26.1
03/23/2017 00:00	87.3	5.1	6.44	180	27.2
03/24/2017 00:00	39.6	7.6	6.73	90	2.8
03/25/2017 00:00	100	5.5	3.02	225	2.3
03/26/2017 00:00	67.5	9.6	10.8	180	3.3
03/27/2017 00:00	31.9	12	15.59	180	0.3
03/28/2017 00:00	36	14.4	17.1	180	0
03/29/2017 00:00	23.8	15.8	14.29	180	0
03/30/2017 00:00	50	14.6	14.36	180	10.9
03/31/2017 00:00	58.3	11.4	14.22	225	9.1
04/01/2017 00:00	68.5	11.2	7.92	270	2.8
04/02/2017 00:00	32.4	11.6	5.18	315	0
04/03/2017 00:00	9.1	10.7	4.28	315	0
04/04/2017 00:00	19.3	12.3	9.04	45	0
04/05/2017 00:00	21.8	13.9	13.36	45	0
04/06/2017 00:00	8.3	14.6	6.73	90	0
04/07/2017 00:00	8.2	14.8	4.14	225	0
04/08/2017 00:00	8.3	13.7	5.15	315	0
04/09/2017 00:00	18.8	14.8	4.36	315	0
04/10/2017 00:00	8.5	15.2	4.54	315	0
04/11/2017 00:00	9.3	13.4	4.72	315	0
04/12/2017 00:00	8.1	13.5	4.28	315	0
04/13/2017 00:00	15.6	12.7	5.47	315	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
04/14/2017 00:00	79.6	13.8	6.16	225	0
04/15/2017 00:00	49.3	11.2	5.26	225	0
04/16/2017 00:00	22.5	14.3	4.64	90	0
04/17/2017 00:00	12	14.6	4.75	315	0
04/18/2017 00:00	34	14.1	6.08	90	0
04/19/2017 00:00	8	15.3	15.48	90	0
04/20/2017 00:00	8.1	15.8	11.3	90	0
04/21/2017 00:00	9.6	15.3	4.97	315	0
04/22/2017 00:00	10.9	15.4	4.5	315	0
04/23/2017 00:00	9	14.4	3.89	315	0
04/24/2017 00:00	14.1	13.3	4.86	315	0
04/25/2017 00:00	95.5	12	6.44	180	4.6
04/26/2017 00:00	37.7	8.7	10.98	45	0
04/27/2017 00:00	17.2	7.7	11.81	45	0
04/28/2017 00:00	7.9	9.6	7.74	90	0
04/29/2017 00:00	34.5	11	16.6	225	0
04/30/2017 00:00	54.2	9.5	16.88	270	14.1
05/01/2017 00:00	91.6	10.8	11.02	225	0
05/02/2017 00:00	12	13.2	5.54	315	0
05/03/2017 00:00	16.1	16.4	4.93	315	0
05/04/2017 00:00	62.9	17.4	4.54	315	0
05/05/2017 00:00	72.6	14	12.74	180	11
05/06/2017 00:00	22.6	15.4	12.74	225	1.6
05/07/2017 00:00	21.6	18.1	5.15	180	0
05/08/2017 00:00	37	18.7	4.28	225	0
05/09/2017 00:00	69.9	16.1	4.57	315	1
05/10/2017 00:00	68.8	16	7.49	180	16.1
05/11/2017 00:00	77.9	14.5	14	180	7.3
05/12/2017 00:00	76.4	14.2	8.53	225	6.6
05/13/2017 00:00	50	14.6	15.44	180	10.3
05/14/2017 00:00	60.3	17.5	12.6	180	2.6
05/15/2017 00:00	43.8	19.8	9.18	180	0
05/16/2017 00:00	30.5	19.2	5.47	315	0
05/17/2017 00:00	95.3	14.2	5.54	315	3.6
05/18/2017 00:00	44.6	12.4	7.52	315	3.8
05/19/2017 00:00	62.2	13.2	6.91	270	1
05/20/2017 00:00	9.6	14.5	6.44	315	0
05/21/2017 00:00	70.3	18.2	4.28	315	0
05/22/2017 00:00	21.2	15.9	7.63	315	0
05/23/2017 00:00	22	19.6	6.52	135	0
05/24/2017 00:00	8.5	23	5.15	315	0
05/25/2017 00:00	53.2	20.6	5.76	315	0

DateTime	CloudCoverage	Temperature	WindSpeed	WindDirection	Rainfall
05/26/2017 00:00	86.7	16.4	6.55	315	16.9
05/27/2017 00:00	67.9	18.2	4.97	315	0
05/28/2017 00:00	82.2	17.9	5.08	270	5.8
05/29/2017 00:00	89.7	16.6	4.64	270	10
05/30/2017 00:00	28.2	17.6	6.77	315	0
05/31/2017 00:00	28.2	17	5.04	315	0
06/01/2017 00:00	61.1	16.9	5.29	315	0
06/02/2017 00:00	60.3	16.3	5.76	315	0.7
06/03/2017 00:00	51.1	15.3	8.32	315	0
06/04/2017 00:00	22.4	14.4	6.23	315	0
06/05/2017 00:00	53.6	15.1	14.51	225	4.1
06/06/2017 00:00	33.3	15.1	6.01	270	0
06/07/2017 00:00	8.4	15.5	4.57	315	0
06/08/2017 00:00	59.7	16.5	4.54	315	0.3
06/09/2017 00:00	25.6	18.8	5.98	225	1
06/10/2017 00:00	9.8	18.8	5.69	315	0
06/11/2017 00:00	100	17.6	6.91	315	0
06/12/2017 00:00	33.7	19.9	6.91	270	0
06/13/2017 00:00	68.1	17.8	5.26	315	0.4
06/14/2017 00:00	90.3	16.7	6.34	315	0
06/15/2017 00:00	11.2	17.8	8.39	315	0
06/16/2017 00:00	9.9	20	4.14	270	0
06/17/2017 00:00	9.5	23.7	4.64	315	0
06/18/2017 00:00	11.3	25	4.86	315	0
06/19/2017 00:00	32.1	22.6	4.18	45	0
06/20/2017 00:00	16.1	25.3	5.98	225	0
06/21/2017 00:00	33.7	20.7	6.19	315	0
06/22/2017 00:00	76.3	19.4	5.4	315	1.9
06/23/2017 00:00	39.3	18.3	6.52	315	0
06/24/2017 00:00	20.8	17.7	5.98	315	0
06/25/2017 00:00	28.6	19.3	6.41	315	0
06/26/2017 00:00	93.6	18.2	5.4	315	0
06/27/2017 00:00	73.6	18.8	10.84	225	6
06/28/2017 00:00	73.4	16.2	13.39	270	17.1
06/29/2017 00:00	65	14.5	12.24	270	14.2
06/30/2017 00:00	61.9	15.2	9.72	270	8.4
07/01/2017 00:00	45.6	15.4	6.01	315	0
07/02/2017 00:00	12.6	18.9	7.34	315	0
07/03/2017 00:00	13.3	21.8	4.86	315	0
07/04/2017 00:00	18.7	24	6.59	225	0
07/05/2017 00:00	81.1	19.2	8.35	225	0
07/06/2017 00:00	58.3	17.9	6.48	315	0

Data Partikel Udara - MeteoGalicia

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
07/06/2016 00:00	0.13	3	15	19	51	18	10	1
07/07/2016 00:00	0.11	1	10	10	56	14	7	1
07/08/2016 00:00	0.1	1	8	8	59	12	8	1
07/09/2016 00:00	0.1	2	10	11	57	12	7	1
07/10/2016 00:00	0.11	2	10	12	53	12	11	1
07/11/2016 00:00	0.1	9	18	29	44	12	8	1
07/12/2016 00:00	0.13	18	31	58	35	12	8	2
07/13/2016 00:00	0.12	9	24	38	40	12	11	2
07/14/2016 00:00	0.15	18	27	54	34	10	9	2
07/15/2016 00:00	0.16	14	26	47	36	9	9	2
07/16/2016 00:00	0.16	14	24	46	36	12	11	2
07/17/2016 00:00	0.18	17	27	53	39	12	14	2
07/18/2016 00:00	0.17	8	21	33	45	8	15	1
07/19/2016 00:00	0.2	14	24	45	44	5	11	1
07/20/2016 00:00	0.14	7	16	27	53	5	8	2
07/21/2016 00:00	0.14	9	14	27	52	10	5	2
07/22/2016 00:00	0.15	10	15	31	47	6	8	2
07/23/2016 00:00	0.14	9	16	30	52	4	8	1
07/24/2016 00:00	0.17	10	23	39	46	7	6	3
07/25/2016 00:00	0.19	11	30	47	43	17	6	2
07/26/2016 00:00	0.2	15	30	52	37	13	9	2
07/27/2016 00:00	0.26	14	30	52	32	11	11	2
07/28/2016 00:00	0.18	5	20	26	35	11	13	2
07/29/2016 00:00	0.17	5	20	27	38	13	13	2
07/30/2016 00:00	0.15	4	16	21	40	13	9	1
07/31/2016 00:00	0.12	2	11	14	44	11	5	2
08/01/2016 00:00	0.13	3	15	19	37	10	11	3
08/02/2016 00:00	0.13	2	29	30	18	12	9	4
08/03/2016 00:00	0.11	1	31	32	15	12	11	6
08/04/2016 00:00	0.14	4	26	31	18	7	11	4
08/05/2016 00:00	0.12	5	26	33	15	6	9	11
08/06/2016 00:00	0.15	25	39	76	5	9	10	13
08/07/2016 00:00	0.14	16	29	53	17	8	9	11
08/08/2016 00:00	0.14	8	13	25	31	7	9	3
08/09/2016 00:00	0.14	9	13	27	33	5	6	2
08/10/2016 00:00	0.16	9	16	29	35	4	6	2
08/11/2016 00:00	0.16	8	12	24	36	5	10	2
08/12/2016 00:00	0.17	8	12	23	37	10	7	2
08/13/2016 00:00	0.14	7	11	21	34	9	6	2
08/14/2016 00:00	0.14	7	12	22	28	7	8	2

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
08/15/2016 00:00	0.13	7	12	24	29	5	5	2
08/16/2016 00:00	0.11	5	9	17	26	4	5	2
08/17/2016 00:00	0.13	5	8	15	26	5	7	2
08/18/2016 00:00	0.16	8	11	23	25	5	10	2
08/19/2016 00:00	0.18	12	13	30	22	5	8	2
08/20/2016 00:00	0.19	11	18	34	22	7	7	2
08/21/2016 00:00	0.12	2	13	15	23	8	8	3
08/22/2016 00:00	0.11	1	21	22	13	8	8	5
08/23/2016 00:00	0.12	1	12	11	24	4	8	2
08/24/2016 00:00	0.11	1	10	8	23	4	8	2
08/25/2016 00:00	0.1	10	26	40	3	5	5	9
08/26/2016 00:00	0.1	8	28	41	2	4	7	10
08/27/2016 00:00	0.11	3	23	27	3	4	8	4
08/28/2016 00:00	0.14	20	26	56	1	4	5	4
08/29/2016 00:00	0.22	39	32	91	1	4	6	6
08/30/2016 00:00	0.23	44	31	99	3	4	14	5
08/31/2016 00:00	0.22	36	27	83	7	9	10	4
09/01/2016 00:00	0.19	25	25	63	12	8	11	4
09/02/2016 00:00	0.25	32	28	77	15	5	11	6
09/03/2016 00:00	0.25	21	25	56	30	10	12	4
09/04/2016 00:00	0.3	21	31	63	34	10	19	4
09/05/2016 00:00	0.29	19	26	55	38	10	17	5
09/06/2016 00:00	0.26	14	26	48	44	21	25	4
09/07/2016 00:00	0.24	16	26	50	45	10	19	3
09/08/2016 00:00	0.2	14	28	50	43	13	16	3
09/09/2016 00:00	0.23	16	28	52	37	11	19	3
09/10/2016 00:00	0.32	28	49	93	26	19	17	4
09/11/2016 00:00	0.26	13	44	64	24	18	19	4
09/12/2016 00:00	0.3	18	54	82	14	20	29	7
09/13/2016 00:00	0.46	66	74	176	1	15	18	13
09/14/2016 00:00	0.29	27	56	98	5	17	27	8
09/15/2016 00:00	0.17	2	35	37	10	14	20	7
09/16/2016 00:00	0.17	23	43	78	1	11	14	9
09/17/2016 00:00	0.17	31	42	90	1	0	14	9
09/18/2016 00:00	0.18	32	41	90	1	0	12	7
09/19/2016 00:00	0.21	22	38	72	1	0	10	5
09/20/2016 00:00	0.2	9	34	48	4	0	16	4
09/21/2016 00:00	0.2	6	27	36	11	0	16	3
09/22/2016 00:00	0.23	14	34	54	9	0	13	3
09/23/2016 00:00	0.37	50	47	125	6	0	14	5
09/24/2016 00:00	0.37	58	52	141	9	0	23	5
09/25/2016 00:00	0.34	62	61	157	12	0	23	6

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
09/26/2016 00:00	0.29	39	51	111	19	0	13	5
09/27/2016 00:00	0.22	17	37	63	37	0	16	4
09/28/2016 00:00	0	0	0	0	0	0	0	0
09/29/2016 00:00	0	0	0	0	0	0	0	0
09/30/2016 00:00	0.24	4	29	35	95	0	0	4
10/01/2016 00:00	0.25	13	45	64	89	0	32	5
10/02/2016 00:00	0.24	9	45	59	94	0	27	5
10/03/2016 00:00	0.31	18	52	78	72	0	29	4
10/04/2016 00:00	0.34	14	53	75	64	0	22	5
10/05/2016 00:00	0.25	4	28	34	76	0	22	4
10/06/2016 00:00	0.26	5	22	30	46	0	25	3
10/07/2016 00:00	0.26	5	22	29	50	0	27	3
10/08/2016 00:00	0.26	6	49	57	15	0	26	6
10/09/2016 00:00	0.25	1	32	33	34	0	30	5
10/10/2016 00:00	0.21	1	15	16	55	0	27	4
10/11/2016 00:00	0.25	1	11	10	56	5	19	7
10/12/2016 00:00	0.28	1	11	11	52	6	12	12
10/13/2016 00:00	0.21	1	10	8	53	5	16	6
10/14/2016 00:00	0.22	1	10	9	51	5	13	7
10/15/2016 00:00	0.15	1	13	12	43	7	11	6
10/16/2016 00:00	0.16	6	26	35	23	8	21	6
10/17/2016 00:00	0.24	10	24	39	24	8	9	6
10/18/2016 00:00	0.22	12	23	40	25	0	20	6
10/19/2016 00:00	0.21	21	32	65	18	0	11	5
10/20/2016 00:00	0.18	13	28	48	19	38	10	6
10/21/2016 00:00	0.21	22	33	67	21	28	11	4
10/22/2016 00:00	0.2	15	24	46	30	37	12	4
10/23/2016 00:00	0.23	25	36	74	25	34	16	4
10/24/2016 00:00	0.2	21	26	58	30	40	13	4
10/25/2016 00:00	0.16	8	19	31	34	34	14	3
10/26/2016 00:00	0.16	9	17	31	34	22	8	3
10/27/2016 00:00	0.2	19	26	56	33	30	5	3
10/28/2016 00:00	0.21	17	28	54	38	28	8	3
10/29/2016 00:00	0.21	12	25	44	39	31	9	3
10/30/2016 00:00	0.23	17	31	57	26	23	8	4
10/31/2016 00:00	0.22	13	28	47	25	21	6	4
11/01/2016 00:00	0.17	10	28	43	31	18	7	4
11/02/2016 00:00	0.15	3	20	24	33	23	5	4
11/03/2016 00:00	0.13	1	13	12	35	26	6	3
11/04/2016 00:00	0.13	1	12	12	39	21	7	3
11/05/2016 00:00	0.12	1	11	10	37	22	5	3
11/06/2016 00:00	0.12	1	11	9	31	19	5	3

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
11/07/2016 00:00	0.12	1	14	16	29	24	4	3
11/08/2016 00:00	0.15	18	25	50	28	17	8	3
11/09/2016 00:00	0.22	29	33	77	22	17	10	4
11/10/2016 00:00	0.24	34	39	91	18	24	11	4
11/11/2016 00:00	0.31	32	36	86	18	26	14	4
11/12/2016 00:00	0.27	28	29	72	22	30	13	4
11/13/2016 00:00	0.22	22	30	63	32	20	11	3
11/14/2016 00:00	0.22	20	26	57	34	23	10	3
11/15/2016 00:00	0.2	16	27	51	42	25	13	3
11/16/2016 00:00	0.21	16	25	49	44	39	15	3
11/17/2016 00:00	0.19	12	22	40	45	33	14	3
11/18/2016 00:00	0.23	14	26	47	47	26	10	3
11/19/2016 00:00	0.22	17	29	55	50	25	13	3
11/20/2016 00:00	0.23	10	31	47	56	32	16	3
11/21/2016 00:00	0.25	16	34	58	55	35	15	3
11/22/2016 00:00	0.28	13	30	50	60	20	10	3
11/23/2016 00:00	0.25	13	37	56	61	24	11	3
11/24/2016 00:00	0.23	9	30	42	69	25	11	2
11/25/2016 00:00	0.22	6	32	42	67	35	16	2
11/26/2016 00:00	0.17	1	11	11	83	24	16	2
11/27/2016 00:00	0.16	1	9	8	88	31	12	2
11/28/2016 00:00	0.13	3	15	19	51	18	10	1
11/29/2016 00:00	0.11	1	10	10	56	14	7	1
11/30/2016 00:00	0.1	1	8	8	59	12	8	1
12/01/2016 00:00	0.1	2	10	11	57	12	7	1
12/02/2016 00:00	0.11	2	10	12	53	12	11	1
12/03/2016 00:00	0.1	9	18	29	44	12	8	1
12/04/2016 00:00	0.13	18	31	58	35	12	8	2
12/05/2016 00:00	0.12	9	24	38	40	12	11	2
12/06/2016 00:00	0.15	18	27	54	34	10	9	2
12/07/2016 00:00	0.16	14	26	47	36	9	9	2
12/08/2016 00:00	0.16	14	24	46	36	12	11	2
12/09/2016 00:00	0.18	17	27	53	39	12	14	2
12/10/2016 00:00	0.17	8	21	33	45	8	15	1
12/11/2016 00:00	0.2	14	24	45	44	5	11	1
12/12/2016 00:00	0.14	7	16	27	53	5	8	2
12/13/2016 00:00	0.14	9	14	27	52	10	5	2
12/14/2016 00:00	0.15	10	15	31	47	6	8	2
12/15/2016 00:00	0.14	9	16	30	52	4	8	1
12/16/2016 00:00	0.17	10	23	39	46	7	6	3
12/17/2016 00:00	0.19	11	30	47	43	17	6	2
12/18/2016 00:00	0.2	15	30	52	37	13	9	2

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
12/19/2016 00:00	0.26	14	30	52	32	11	11	2
12/20/2016 00:00	0.18	5	20	26	35	11	13	2
12/21/2016 00:00	0.17	5	20	27	38	13	13	2
12/22/2016 00:00	0.15	4	16	21	40	13	9	1
12/23/2016 00:00	0.12	2	11	14	44	11	5	2
12/24/2016 00:00	0.13	3	15	19	37	10	11	3
12/25/2016 00:00	0.13	2	29	30	18	12	9	4
12/26/2016 00:00	0.11	1	31	32	15	12	11	6
12/27/2016 00:00	0.14	4	26	31	18	7	11	4
12/28/2016 00:00	0.12	5	26	33	15	6	9	11
12/29/2016 00:00	0.15	25	39	76	5	9	10	13
12/30/2016 00:00	0.14	16	29	53	17	8	9	11
12/31/2016 00:00	0.14	8	13	25	31	7	9	3
01/01/2017 00:00	0.14	9	13	27	33	5	6	2
01/02/2017 00:00	0.16	9	16	29	35	4	6	2
01/03/2017 00:00	0.16	8	12	24	36	5	10	2
01/04/2017 00:00	0.17	8	12	23	37	10	7	2
01/05/2017 00:00	0.14	7	11	21	34	9	6	2
01/06/2017 00:00	0.14	7	12	22	28	7	8	2
01/07/2017 00:00	0.13	7	12	24	29	5	5	2
01/08/2017 00:00	0.11	5	9	17	26	4	5	2
01/09/2017 00:00	0.13	5	8	15	26	5	7	2
01/10/2017 00:00	0.16	8	11	23	25	5	10	2
01/11/2017 00:00	0.18	12	13	30	22	5	8	2
01/12/2017 00:00	0.19	11	18	34	22	7	7	2
01/13/2017 00:00	0.12	2	13	15	23	8	8	3
01/14/2017 00:00	0.11	1	21	22	13	8	8	5
01/15/2017 00:00	0.12	1	12	11	24	4	8	2
01/16/2017 00:00	0.11	1	10	8	23	4	8	2
01/17/2017 00:00	0.1	10	26	40	3	5	5	9
01/18/2017 00:00	0.1	8	28	41	2	4	7	10
01/19/2017 00:00	0.11	3	23	27	3	4	8	4
01/20/2017 00:00	0.14	20	26	56	1	4	5	4
01/21/2017 00:00	0.22	39	32	91	1	4	6	6
01/22/2017 00:00	0.23	44	31	99	3	4	14	5
01/23/2017 00:00	0.22	36	27	83	7	9	10	4
01/24/2017 00:00	0.19	25	25	63	12	8	11	4
01/25/2017 00:00	0.25	32	28	77	15	5	11	6
01/26/2017 00:00	0.25	21	25	56	30	10	12	4
01/27/2017 00:00	0.3	21	31	63	34	10	19	4
01/28/2017 00:00	0.29	19	26	55	38	10	17	5
01/29/2017 00:00	0.26	14	26	48	44	21	25	4

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
01/30/2017 00:00	0.24	16	26	50	45	10	19	3
01/31/2017 00:00	0.2	14	28	50	43	13	16	3
02/01/2017 00:00	0.23	16	28	52	37	11	19	3
02/02/2017 00:00	0.32	28	49	93	26	19	17	4
02/03/2017 00:00	0.26	13	44	64	24	18	19	4
02/04/2017 00:00	0.3	18	54	82	14	20	29	7
02/05/2017 00:00	0.46	66	74	176	1	15	18	13
02/06/2017 00:00	0.29	27	56	98	5	17	27	8
02/07/2017 00:00	0.17	2	35	37	10	14	20	7
02/08/2017 00:00	0.17	23	43	78	1	11	14	9
02/09/2017 00:00	0.17	31	42	90	1	0	14	9
02/10/2017 00:00	0.18	32	41	90	1	0	12	7
02/11/2017 00:00	0.21	22	38	72	1	0	10	5
02/12/2017 00:00	0.2	9	34	48	4	0	16	4
02/13/2017 00:00	0.2	6	27	36	11	0	16	3
02/14/2017 00:00	0.23	14	34	54	9	0	13	3
02/15/2017 00:00	0.37	50	47	125	6	0	14	5
02/16/2017 00:00	0.37	58	52	141	9	0	23	5
02/17/2017 00:00	0.34	62	61	157	12	0	23	6
02/18/2017 00:00	0.29	39	51	111	19	0	13	5
02/19/2017 00:00	0.22	17	37	63	37	0	16	4
02/20/2017 00:00	0	0	0	0	0	0	0	0
02/21/2017 00:00	0	0	0	0	0	0	0	0
02/22/2017 00:00	0.24	4	29	35	95	0	0	4
02/23/2017 00:00	0.25	13	45	64	89	0	32	5
02/24/2017 00:00	0.24	9	45	59	94	0	27	5
02/25/2017 00:00	0.31	18	52	78	72	0	29	4
02/26/2017 00:00	0.34	14	53	75	64	0	22	5
02/27/2017 00:00	0.25	4	28	34	76	0	22	4
02/28/2017 00:00	0.26	5	22	30	46	0	25	3
03/01/2017 00:00	0.26	5	22	29	50	0	27	3
03/02/2017 00:00	0.26	6	49	57	15	0	26	6
03/03/2017 00:00	0.25	1	32	33	34	0	30	5
03/04/2017 00:00	0.21	1	15	16	55	0	27	4
03/05/2017 00:00	0.25	1	11	10	56	5	19	7
03/06/2017 00:00	0.28	1	11	11	52	6	12	12
03/07/2017 00:00	0.21	1	10	8	53	5	16	6
03/08/2017 00:00	0.22	1	10	9	51	5	13	7
03/09/2017 00:00	0.15	1	13	12	43	7	11	6
03/10/2017 00:00	0.16	6	26	35	23	8	21	6
03/11/2017 00:00	0.24	10	24	39	24	8	9	6
03/12/2017 00:00	0.22	12	23	40	25	0	20	6

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
03/13/2017 00:00	0.21	21	32	65	18	0	11	5
03/14/2017 00:00	0.18	13	28	48	19	38	10	6
03/15/2017 00:00	0.21	22	33	67	21	28	11	4
03/16/2017 00:00	0.2	15	24	46	30	37	12	4
03/17/2017 00:00	0.23	25	36	74	25	34	16	4
03/18/2017 00:00	0.2	21	26	58	30	40	13	4
03/19/2017 00:00	0.16	8	19	31	34	34	14	3
03/20/2017 00:00	0.16	9	17	31	34	22	8	3
03/21/2017 00:00	0.2	19	26	56	33	30	5	3
03/22/2017 00:00	0.21	17	28	54	38	28	8	3
03/23/2017 00:00	0.21	12	25	44	39	31	9	3
03/24/2017 00:00	0.23	17	31	57	26	23	8	4
03/25/2017 00:00	0.22	13	28	47	25	21	6	4
03/26/2017 00:00	0.17	10	28	43	31	18	7	4
03/27/2017 00:00	0.15	3	20	24	33	23	5	4
03/28/2017 00:00	0.13	1	13	12	35	26	6	3
03/29/2017 00:00	0.13	1	12	12	39	21	7	3
03/30/2017 00:00	0.12	1	11	10	37	22	5	3
03/31/2017 00:00	0.12	1	11	9	31	19	5	3
04/01/2017 00:00	0.12	1	14	16	29	24	4	3
04/02/2017 00:00	0.15	18	25	50	28	17	8	3
04/03/2017 00:00	0.22	29	33	77	22	17	10	4
04/04/2017 00:00	0.24	34	39	91	18	24	11	4
04/05/2017 00:00	0.31	32	36	86	18	26	14	4
04/06/2017 00:00	0.27	28	29	72	22	30	13	4
04/07/2017 00:00	0.22	22	30	63	32	20	11	3
04/08/2017 00:00	0.22	20	26	57	34	23	10	3
04/09/2017 00:00	0.2	16	27	51	42	25	13	3
04/10/2017 00:00	0.21	16	25	49	44	39	15	3
04/11/2017 00:00	0.19	12	22	40	45	33	14	3
04/12/2017 00:00	0.23	14	26	47	47	26	10	3
04/13/2017 00:00	0.22	17	29	55	50	25	13	3
04/14/2017 00:00	0.23	10	31	47	56	32	16	3
04/15/2017 00:00	0.25	16	34	58	55	35	15	3
04/16/2017 00:00	0.28	13	30	50	60	20	10	3
04/17/2017 00:00	0.25	13	37	56	61	24	11	3
04/18/2017 00:00	0.23	9	30	42	69	25	11	2
04/19/2017 00:00	0.22	6	32	42	67	35	16	2
04/20/2017 00:00	0.17	1	11	11	83	24	16	2
04/21/2017 00:00	0.16	1	9	8	88	31	12	2
04/22/2017 00:00	0.13	3	15	19	51	18	10	1
04/23/2017 00:00	0.11	1	10	10	56	14	7	1

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
04/24/2017 00:00	0.1	1	8	8	59	12	8	1
04/25/2017 00:00	0.1	2	10	11	57	12	7	1
04/26/2017 00:00	0.11	2	10	12	53	12	11	1
04/27/2017 00:00	0.1	9	18	29	44	12	8	1
04/28/2017 00:00	0.13	18	31	58	35	12	8	2
04/29/2017 00:00	0.12	9	24	38	40	12	11	2
04/30/2017 00:00	0.15	18	27	54	34	10	9	2
05/01/2017 00:00	0.16	14	26	47	36	9	9	2
05/02/2017 00:00	0.16	14	24	46	36	12	11	2
05/03/2017 00:00	0.18	17	27	53	39	12	14	2
05/04/2017 00:00	0.17	8	21	33	45	8	15	1
05/05/2017 00:00	0.2	14	24	45	44	5	11	1
05/06/2017 00:00	0.14	7	16	27	53	5	8	2
05/07/2017 00:00	0.14	9	14	27	52	10	5	2
05/08/2017 00:00	0.15	10	15	31	47	6	8	2
05/09/2017 00:00	0.14	9	16	30	52	4	8	1
05/10/2017 00:00	0.17	10	23	39	46	7	6	3
05/11/2017 00:00	0.19	11	30	47	43	17	6	2
05/12/2017 00:00	0.2	15	30	52	37	13	9	2
05/13/2017 00:00	0.26	14	30	52	32	11	11	2
05/14/2017 00:00	0.18	5	20	26	35	11	13	2
05/15/2017 00:00	0.17	5	20	27	38	13	13	2
05/16/2017 00:00	0.15	4	16	21	40	13	9	1
05/17/2017 00:00	0.12	2	11	14	44	11	5	2
05/18/2017 00:00	0.13	3	15	19	37	10	11	3
05/19/2017 00:00	0.13	2	29	30	18	12	9	4
05/20/2017 00:00	0.11	1	31	32	15	12	11	6
05/21/2017 00:00	0.14	4	26	31	18	7	11	4
05/22/2017 00:00	0.12	5	26	33	15	6	9	11
05/23/2017 00:00	0.15	25	39	76	5	9	10	13
05/24/2017 00:00	0.14	16	29	53	17	8	9	11
05/25/2017 00:00	0.14	8	13	25	31	7	9	3
05/26/2017 00:00	0.14	9	13	27	33	5	6	2
05/27/2017 00:00	0.16	9	16	29	35	4	6	2
05/28/2017 00:00	0.16	8	12	24	36	5	10	2
05/29/2017 00:00	0.17	8	12	23	37	10	7	2
05/30/2017 00:00	0.14	7	11	21	34	9	6	2
05/31/2017 00:00	0.14	7	12	22	28	7	8	2
06/01/2017 00:00	0.13	7	12	24	29	5	5	2
06/02/2017 00:00	0.11	5	9	17	26	4	5	2
06/03/2017 00:00	0.13	5	8	15	26	5	7	2
06/04/2017 00:00	0.16	8	11	23	25	5	10	2

DateTime	CO	NO	NO2	NOX	03	PM10	PM25	SO2
06/05/2017 00:00	0.18	12	13	30	22	5	8	2
06/06/2017 00:00	0.19	11	18	34	22	7	7	2
06/07/2017 00:00	0.12	2	13	15	23	8	8	3
06/08/2017 00:00	0.11	1	21	22	13	8	8	5
06/09/2017 00:00	0.12	1	12	11	24	4	8	2
06/10/2017 00:00	0.11	1	10	8	23	4	8	2
06/11/2017 00:00	0.1	10	26	40	3	5	5	9
06/12/2017 00:00	0.1	8	28	41	2	4	7	10
06/13/2017 00:00	0.11	3	23	27	3	4	8	4
06/14/2017 00:00	0.14	20	26	56	1	4	5	4
06/15/2017 00:00	0.22	39	32	91	1	4	6	6
06/16/2017 00:00	0.23	44	31	99	3	4	14	5
06/17/2017 00:00	0.22	36	27	83	7	9	10	4
06/18/2017 00:00	0.19	25	25	63	12	8	11	4
06/19/2017 00:00	0.25	32	28	77	15	5	11	6
06/20/2017 00:00	0.25	21	25	56	30	10	12	4
06/21/2017 00:00	0.3	21	31	63	34	10	19	4
06/22/2017 00:00	0.29	19	26	55	38	10	17	5
06/23/2017 00:00	0.26	14	26	48	44	21	25	4
06/24/2017 00:00	0.24	16	26	50	45	10	19	3
06/25/2017 00:00	0.2	14	28	50	43	13	16	3
06/26/2017 00:00	0.23	16	28	52	37	11	19	3
06/27/2017 00:00	0.32	28	49	93	26	19	17	4
06/28/2017 00:00	0.26	13	44	64	24	18	19	4
06/29/2017 00:00	0.3	18	54	82	14	20	29	7
06/30/2017 00:00	0.46	66	74	176	1	15	18	13
07/01/2017 00:00	0.29	27	56	98	5	17	27	8
07/02/2017 00:00	0.17	2	35	37	10	14	20	7
07/03/2017 00:00	0.17	23	43	78	1	11	14	9
07/04/2017 00:00	0.17	31	42	90	1	0	14	9
07/05/2017 00:00	0.18	32	41	90	1	0	12	7
07/06/2017 00:00	0.18	32	61	90	1	0	12	7

Data Partikel Udara – Beijing PM2.5

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/01/2010 00:00	138	-21	-11	1021	NW	1.79	0	0
01/01/2010 01:00	125	-21	-12	1020	NW	4.92	0	0
01/01/2010 02:00	249	-21	-11	1019	NW	6.71	0	0
01/01/2010 03:00	210	-21	-14	1019	NW	9.84	0	0
01/01/2010 04:00	98	-20	-12	1018	NW	12.97	0	0

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/01/2010 05:00	117	-19	-10	1017	NW	16.1	0	0
01/01/2010 06:00	159	-19	-9	1017	NW	19.23	0	0
01/01/2010 07:00	95	-19	-9	1017	NW	21.02	0	0
01/01/2010 08:00	45	-19	-9	1017	NW	24.15	0	0
01/01/2010 09:00	119	-20	-8	1017	NW	27.28	0	0
01/01/2010 10:00	87	-19	-7	1017	NW	31.3	0	0
01/01/2010 11:00	38	-18	-5	1017	NW	34.43	0	0
01/01/2010 12:00	43	-19	-5	1015	NW	37.56	0	0
01/01/2010 13:00	164	-18	-3	1015	NW	40.69	0	0
01/01/2010 14:00	105	-18	-2	1014	NW	43.82	0	0
01/01/2010 15:00	125	-18	-1	1014	cv	0.89	0	0
01/01/2010 16:00	99	-19	-2	1015	NW	1.79	0	0
01/01/2010 17:00	55	-18	-3	1015	NW	2.68	0	0
01/01/2010 18:00	126	-18	-5	1016	NE	1.79	0	0
01/01/2010 19:00	148	-17	-4	1017	NW	1.79	0	0
01/01/2010 20:00	152	-17	-5	1017	cv	0.89	0	0
01/01/2010 21:00	35	-17	-5	1018	NW	1.79	0	0
01/01/2010 22:00	109	-17	-5	1018	NW	2.68	0	0
01/01/2010 23:00	113	-17	-5	1020	cv	0.89	0	0
01/02/2010 00:00	129	-16	-4	1020	SE	1.79	0	0
01/02/2010 01:00	148	-15	-4	1020	SE	2.68	0	0
01/02/2010 02:00	159	-11	-5	1021	SE	3.57	0	0
01/02/2010 03:00	181	-7	-5	1022	SE	5.36	1	0
01/02/2010 04:00	138	-7	-5	1022	SE	6.25	2	0
01/02/2010 05:00	109	-7	-6	1022	SE	7.14	3	0
01/02/2010 06:00	105	-7	-6	1023	SE	8.93	4	0
01/02/2010 07:00	124	-7	-5	1024	SE	10.72	0	0
01/02/2010 08:00	120	-8	-6	1024	SE	12.51	0	0
01/02/2010 09:00	132	-7	-5	1025	SE	14.3	0	0
01/02/2010 10:00	140	-7	-5	1026	SE	17.43	1	0
01/02/2010 11:00	152	-8	-5	1026	SE	20.56	0	0
01/02/2010 12:00	148	-8	-5	1026	SE	23.69	0	0
01/02/2010 13:00	164	-8	-5	1025	SE	27.71	0	0
01/02/2010 14:00	158	-9	-5	1025	SE	31.73	0	0
01/02/2010 15:00	154	-9	-5	1025	SE	35.75	0	0
01/02/2010 16:00	159	-9	-5	1026	SE	37.54	0	0
01/02/2010 17:00	164	-8	-5	1027	SE	39.33	0	0
01/02/2010 18:00	170	-8	-5	1027	SE	42.46	0	0
01/02/2010 19:00	149	-8	-5	1028	SE	44.25	0	0
01/02/2010 20:00	154	-7	-5	1028	SE	46.04	0	0
01/02/2010 21:00	164	-7	-5	1027	SE	49.17	1	0
01/02/2010 22:00	156	-8	-6	1028	SE	52.3	2	0

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/02/2010 23:00	126	-8	-6	1027	SE	55.43	3	0
01/03/2010 00:00	90	-7	-6	1027	SE	58.56	4	0
01/03/2010 01:00	63	-8	-6	1026	SE	61.69	5	0
01/03/2010 02:00	65	-8	-7	1026	SE	65.71	6	0
01/03/2010 03:00	55	-8	-7	1025	SE	68.84	7	0
01/03/2010 04:00	65	-8	-7	1024	SE	72.86	8	0
01/03/2010 05:00	83	-9	-8	1024	SE	76.88	9	0
01/03/2010 06:00	91	-10	-8	1024	SE	80.9	10	0
01/03/2010 07:00	86	-10	-9	1024	SE	84.92	11	0
01/03/2010 08:00	82	-10	-9	1024	SE	89.84	12	0
01/03/2010 09:00	86	-11	-9	1023	SE	93.86	13	0
01/03/2010 10:00	78	-11	-9	1023	SE	97.88	15	0
01/03/2010 11:00	98	-11	-9	1022	SE	102.8	16	0
01/03/2010 12:00	107	-11	-9	1021	SE	105.93	17	0
01/03/2010 13:00	90	-11	-9	1020	SE	111.74	19	0
01/03/2010 14:00	96	-11	-9	1020	SE	116.66	20	0
01/03/2010 15:00	95	-11	-9	1020	SE	121.58	21	0
01/03/2010 16:00	86	-11	-9	1020	SE	124.71	22	0
01/03/2010 17:00	70	-11	-9	1020	SE	127.84	23	0
01/03/2010 18:00	61	-11	-9	1021	cv	0.89	24	0
01/03/2010 19:00	53	-11	-9	1022	cv	1.78	25	0
01/03/2010 20:00	71	-10	-9	1022	NW	4.02	26	0
01/03/2010 21:00	72	-11	-10	1023	NW	7.15	27	0
01/03/2010 22:00	76	-11	-9	1023	NW	11.17	0	0
01/03/2010 23:00	73	-12	-11	1023	NW	14.3	0	0
01/04/2010 00:00	79	-14	-12	1023	NW	16.09	0	0
01/04/2010 01:00	58	-16	-9	1023	NW	21.9	0	0
01/04/2010 02:00	25	-17	-10	1024	NW	29.95	0	0
01/04/2010 03:00	26	-18	-11	1024	NW	39.78	0	0
01/04/2010 04:00	28	-19	-11	1025	NW	48.72	0	0
01/04/2010 05:00	26	-20	-12	1026	NW	55.87	0	0
01/04/2010 06:00	20	-21	-12	1027	NW	64.81	0	0
01/04/2010 07:00	29	-21	-13	1027	NW	73.75	0	0
01/04/2010 08:00	26	-22	-13	1028	NW	80.9	0	0
01/04/2010 09:00	27	-22	-13	1029	NW	90.73	0	0
01/04/2010 10:00	27	-22	-12	1030	NW	100.56	0	0
01/04/2010 11:00	25	-23	-12	1031	NW	108.61	0	0
01/04/2010 12:00	29	-21	-11	1030	NW	117.55	0	0
01/04/2010 13:00	32	-20	-10	1030	NW	127.38	0	0
01/04/2010 14:00	28	-21	-10	1030	NW	136.32	0	0
01/04/2010 15:00	29	-21	-9	1030	NW	145.26	0	0
01/04/2010 16:00	30	-21	-9	1031	NW	152.41	0	0

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/04/2010 17:00	30	-20	-11	1032	NW	159.56	0	0
01/04/2010 18:00	28	-23	-11	1032	NW	165.37	0	0
01/04/2010 19:00	26	-21	-12	1033	NW	171.18	0	0
01/04/2010 20:00	31	-24	-12	1034	NW	180.12	0	0
01/04/2010 21:00	33	-24	-13	1034	NW	187.27	0	0
01/04/2010 22:00	29	-24	-13	1035	NW	195.32	0	0
01/04/2010 23:00	31	-26	-15	1035	NW	198.45	0	0
01/05/2010 00:00	30	-26	-17	1035	NW	201.58	0	0
01/05/2010 01:00	34	-26	-18	1035	NW	205.6	0	0
01/05/2010 02:00	27	-26	-19	1035	NW	208.73	0	0
01/05/2010 03:00	25	-27	-18	1035	NW	213.65	0	0
01/05/2010 04:00	28	-27	-19	1035	NW	218.57	0	0
01/05/2010 05:00	28	-27	-16	1034	NE	4.92	0	0
01/05/2010 06:00	27	-26	-16	1035	NE	8.05	0	0
01/05/2010 07:00	27	-27	-16	1034	NE	13.86	0	0
01/05/2010 08:00	27	-26	-16	1035	NE	18.78	0	0
01/05/2010 09:00	29	-26	-15	1035	NE	24.59	0	0
01/05/2010 10:00	36	-25	-14	1035	NE	29.51	0	0
01/05/2010 11:00	30	-25	-13	1035	NE	34.43	0	0
01/05/2010 12:00	27	-25	-12	1034	NE	39.35	0	0
01/05/2010 13:00	39	-24	-11	1032	NE	41.14	0	0
01/05/2010 14:00	41	-22	-11	1032	cv	0.89	0	0
01/05/2010 15:00	33	-23	-11	1031	NW	1.79	0	0
01/05/2010 16:00	50	-24	-11	1031	NW	3.58	0	0
01/05/2010 17:00	56	-23	-11	1031	NW	5.37	0	0
01/05/2010 18:00	59	-23	-11	1032	NW	7.16	0	0
01/05/2010 19:00	60	-22	-13	1033	NW	10.29	0	0
01/05/2010 20:00	84	-22	-12	1033	NW	13.42	0	0
01/05/2010 21:00	106	-24	-18	1033	NW	16.55	0	0
01/05/2010 22:00	66	-22	-13	1034	NW	20.57	0	0
01/05/2010 23:00	50	-22	-16	1033	NW	23.7	0	0
01/06/2010 00:00	56	-25	-17	1033	NW	26.83	0	0
01/06/2010 01:00	77	-25	-14	1033	NE	4.02	0	0
01/06/2010 02:00	50	-26	-14	1034	NE	8.04	0	0
01/06/2010 03:00	44	-26	-14	1033	NE	13.85	0	0
01/06/2010 04:00	27	-26	-14	1033	NE	17.87	0	0
01/06/2010 05:00	28	-26	-14	1033	NE	23.68	0	0
01/06/2010 06:00	21	-26	-14	1033	NE	28.6	0	0
01/06/2010 07:00	25	-26	-15	1034	NE	33.52	0	0
01/06/2010 08:00	20	-26	-14	1034	NE	39.33	0	0
01/06/2010 09:00	29	-25	-13	1035	NE	44.25	0	0
01/06/2010 10:00	34	-25	-12	1035	NE	50.06	0	0

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/06/2010 11:00	42	-24	-11	1035	NE	54.98	0	0
01/06/2010 12:00	28	-24	-10	1034	NE	59	0	0
01/06/2010 13:00	36	-22	-10	1033	NW	4.02	0	0
01/06/2010 14:00	48	-22	-9	1033	NW	5.81	0	0
01/06/2010 15:00	49	-22	-8	1033	cv	0.89	0	0
01/06/2010 16:00	52	-22	-8	1033	NW	1.79	0	0
01/06/2010 17:00	56	-21	-9	1033	NW	3.58	0	0
01/06/2010 18:00	96	-22	-9	1033	NW	5.37	0	0
01/06/2010 19:00	75	-22	-14	1034	cv	0.89	0	0
01/06/2010 20:00	105	-22	-12	1035	NW	1.79	0	0
01/06/2010 21:00	132	-21	-14	1034	NW	3.58	0	0
01/06/2010 22:00	93	-22	-16	1035	NW	5.37	0	0
01/06/2010 23:00	131	-21	-16	1035	NW	7.16	0	0
01/07/2010 00:00	127	-21	-16	1035	NW	8.95	0	0
01/07/2010 01:00	130	-21	-16	1035	cv	0.45	0	0
01/07/2010 02:00	43	-22	-18	1036	cv	1.34	0	0
01/07/2010 03:00	37	-23	-15	1036	NW	4.02	0	0
01/07/2010 04:00	30	-24	-16	1035	NW	7.15	0	0
01/07/2010 05:00	28	-25	-15	1035	NW	10.28	0	0
01/07/2010 06:00	24	-24	-15	1035	NW	14.3	0	0
01/07/2010 07:00	23	-25	-13	1036	NE	4.92	0	0
01/07/2010 08:00	24	-24	-14	1036	NW	4.02	0	0
01/07/2010 09:00	27	-23	-12	1036	NW	8.94	0	0
01/07/2010 10:00	40	-22	-11	1036	NW	12.96	0	0
01/07/2010 11:00	42	-20	-10	1036	NW	16.09	0	0
01/07/2010 12:00	42	-21	-9	1035	NW	19.22	0	0
01/07/2010 13:00	55	-21	-8	1034	NW	21.01	0	0
01/07/2010 14:00	52	-20	-7	1033	NW	22.8	0	0
01/07/2010 15:00	51	-20	-7	1032	NW	24.59	0	0
01/07/2010 16:00	57	-18	-8	1032	NW	26.38	0	0
01/07/2010 17:00	50	-19	-9	1032	NW	28.17	0	0
01/07/2010 18:00	54	-19	-11	1032	NE	0.89	0	0
01/07/2010 19:00	67	-18	-11	1033	NW	1.79	0	0
01/07/2010 20:00	106	-19	-15	1032	NE	1.79	0	0
01/07/2010 21:00	159	-19	-14	1032	cv	0.45	0	0
01/07/2010 22:00	198	-21	-14	1032	cv	1.34	0	0
01/07/2010 23:00	190	-21	-16	1032	cv	2.23	0	0
01/08/2010 00:00	210	-21	-17	1031	NW	1.79	0	0
01/08/2010 01:00	195	-19	-16	1031	NW	3.58	0	0
01/08/2010 02:00	275	-20	-16	1031	NE	0.89	0	0
01/08/2010 03:00	164	-19	-15	1030	SE	0.89	0	0
01/08/2010 04:00	110	-18	-15	1030	cv	0.45	0	0

DateTime	pm2.5	DEWP	TEMP	PRES	cbwd	Iws	Is	Ir
01/08/2010 05:00	100	-18	-15	1029	cv	1.34	0	0
01/08/2010 06:00	81	-18	-15	1029	NW	1.79	0	0
01/08/2010 07:00	71	-16	-13	1029	NE	0.89	0	0
01/08/2010 08:00	66	-16	-12	1029	SE	0.89	0	0
01/08/2010 09:00	92	-16	-12	1030	SE	1.78	0	0
01/08/2010 10:00	135	-17	-10	1030	NE	0.89	0	0
01/08/2010 11:00	155	-16	-10	1029	cv	0.89	0	0
01/08/2010 12:00	198	-16	-9	1028	SE	3.13	0	0
01/08/2010 13:00	250	-15	-8	1026	SE	4.92	0	0
01/08/2010 14:00	200	-16	-8	1026	cv	0.89	0	0
01/08/2010 15:00	231	-16	-8	1025	cv	1.78	0	0
01/08/2010 16:00	250	-16	-8	1025	cv	2.67	0	0
01/08/2010 17:00	212	-17	-8	1025	SE	0.89	0	0
01/08/2010 18:00	219	-17	-9	1026	cv	0.45	0	0
01/08/2010 19:00	227	-17	-11	1026	cv	1.34	0	0
01/08/2010 20:00	226	-17	-12	1026	cv	1.79	0	0
01/08/2010 21:00	225	-18	-14	1027	NW	1.79	0	0
01/08/2010 22:00	168	-16	-9	1027	NW	4.92	0	0
01/08/2010 23:00	169	-16	-11	1027	NW	6.71	0	0
01/09/2010 00:00	165	-17	-13	1027	cv	0.89	0	0
01/09/2010 01:00	159	-17	-13	1027	NW	3.13	0	0
01/09/2010 02:00	167	-17	-14	1027	NW	4.92	0	0
01/09/2010 03:00	196	-17	-15	1027	NW	8.05	0	0
01/09/2010 04:00	169	-17	-13	1027	NW	9.84	0	0
01/09/2010 05:00	155	-19	-16	1027	NW	13.86	0	0
01/09/2010 06:00	119	-18	-15	1027	NW	17.88	0	0
01/09/2010 07:00	106	-19	-15	1027	NW	21.9	0	0
01/09/2010 08:00	93	-18	-14	1028	NW	25.92	0	0
01/09/2010 09:00	84	-18	-9	1029	NE	5.81	0	0
01/09/2010 10:00	73	-17	-7	1029	NE	11.62	0	0
01/09/2010 11:00	66	-17	-6	1030	NE	17.43	0	0
01/09/2010 12:00	40	-16	-6	1029	NE	23.24	0	0
01/09/2010 13:00	49	-16	-5	1029	NE	28.16	0	0
01/09/2010 14:00	50	-15	-4	1029	NE	33.08	0	0
01/09/2010 15:00	49	-14	-4	1028	NE	37.1	0	0
01/09/2010 16:00	41	-15	-4	1029	NE	38.89	0	0
01/09/2010 17:00	37	-15	-4	1030	NW	1.79	0	0
01/09/2010 18:00	45	-15	-7	1030	NE	3.13	0	0
01/09/2010 19:00	44	-15	-6	1031	NW	3.13	0	0
01/09/2010 20:00	54	-15	-7	1032	NW	4.92	0	0
01/09/2010 21:00	50	-15	-6	1032	NE	3.13	0	0
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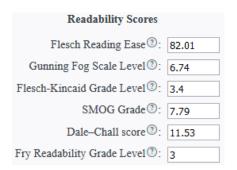
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		•••						
12/31/2011 00:00	163	-10	-7	1030	NW	7.15	0	0
12/31/2011 01:00	196	-9	-7	1030	NW	10.28	0	0
12/31/2011 02:00	175	-10	-7	1030	NW	13.41	0	0
12/31/2011 03:00	144	-11	-8	1030	NW	15.2	0	0
12/31/2011 04:00	137	-10	-9	1029	NW	18.33	0	0
12/31/2011 05:00	128	-11	-9	1029	NW	21.46	0	0
12/31/2011 06:00	135	-11	-9	1029	NW	23.25	0	0
12/31/2011 07:00	157	-10	-8	1029	NW	26.38	0	0
12/31/2011 08:00	164	-11	-9	1030	NW	29.51	0	0
12/31/2011 09:00	155	-9	-6	1030	NW	32.64	0	0
12/31/2011 10:00	159	-11	1	1030	NW	35.77	0	0
12/31/2011 11:00	130	-13	2	1029	NE	4.02	0	0
12/31/2011 12:00	98	-13	3	1028	NE	8.94	0	0
12/31/2011 13:00	82	-15	4	1027	NW	3.13	0	0
12/31/2011 14:00	71	-14	5	1027	NE	1.79	0	0
12/31/2011 15:00	66	-14	4	1027	NE	3.58	0	0
12/31/2011 16:00	72	-15	2	1027	cv	0.89	0	0
12/31/2011 17:00	192	-14	-1	1028	cv	1.34	0	0
12/31/2011 18:00	209	-12	-2	1029	cv	1.79	0	0
12/31/2011 19:00	209	-12	-3	1029	cv	2.68	0	0
12/31/2011 20:00	217	-12	-6	1029	NE	0.89	0	0
12/31/2011 21:00	223	-12	-6	1030	cv	0.89	0	0
12/31/2011 22:00	251	-12	-6	1030	NE	1.79	0	0
12/31/2011 23:00	283	-12	-6	1030	cv	0.89	0	0

Data lebih lengkap dapat dilihat dengan mengakses link berikut:

 $https://github.com/showbizlyra/D2T_Apps/blob/master/DatasetsExperiment/BeijingPM25\%231.csv$

Analisis hasil eksperimen Data Nilai Tukar – KEMENDAG RI

1. Tanpa Header

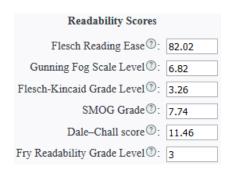




Grammarly

Readability formula

2. Dengan Header





Grammarly

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user system elapsed 3.41 0.18 3.72
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Readability formula

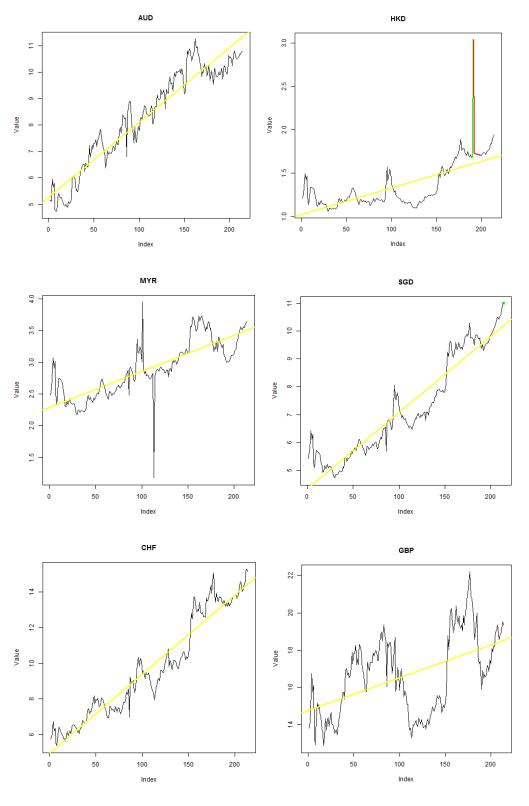
3. Dengan Header + Kustomisasi *Corpus*

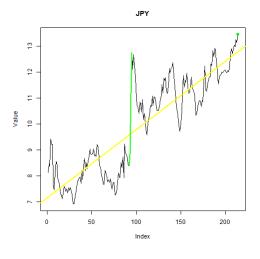


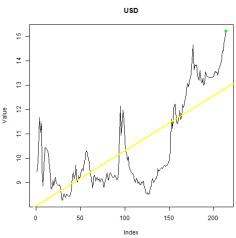
Grammarly

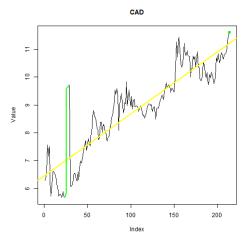
Readability formula

user system elapsed 3.39 0.10 3.58









Analisis hasil eksperimen Data Klimatologi - MeteoGalicia

1. Tanpa Header



Grammarly

user system elapsed 3.89 0.27 4.36

Readability formula

2. Dengan Header



Grammarly

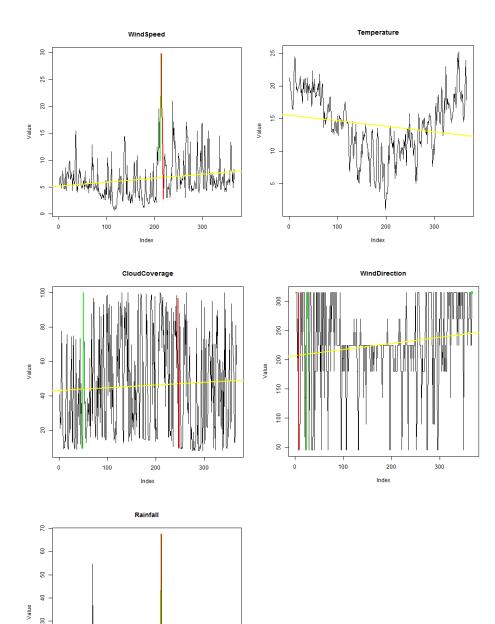
user system elapsed 3.72 0.26 4.24

Readability formula

3. Dengan Header + Kustomisasi *corpus*



user system elapsed 3.03 0.16 3.37



300

Index

Analisis hasil eksperimen Partikel Udara – Kota Beijing

1. Tanpa Header

Readability Scores	Flesch Reading Ease score: 75.6 (text scale) Flesch Reading Ease scored your text: fairly easy to read. [[1] [a] [[1]
Flesch Reading Ease ①: 77.95	Gunning Fog: 9.9 (text scale) Gunning Fog scored your text: fairly easy to read.
Gunning Fog Scale Level ②: 6.69	ulein,
Flesch-Kincaid Grade Level ①: 3.83	Flesch-Kincaid Grade Level: 6.9 Grade level: Seventh Grade. [[1] [s] [[1]
SMOG Grade ②: 7.68	The Coleman-Liau Index: 1 Grade level: First Grade
Dale-Chall score : 11.22	
Fry Readability Grade Level : 3	The SMOG Index: 7 Grade level: Seventh Grade [fil [all [r]]

Grammarly

Readability formula

user system elapsed 39.86 4.31 45.02

2. Dengan Header



Grammarly

Readability formula

user system elapsed 39.26 4.25 44.64

3. Dengan Header + Kustomisasi Corpus



Grammarly

Readability formula

