

```
# Install required libraries
!pip install statsmodels --quiet

# Import necessary libraries
import pandas as pd
import numpy as np
import matplotlib.pyplot as plt
from statsmodels.tsa.api import VAR
from statsmodels.tools.eval_measures import rmse
from google.colab import files
from io import StringIO

# Upload CSV file
uploaded = files.upload()

# Load dataset
for file in uploaded.keys():
    df = pd.read_csv(file)

# Parse date column and set it as index
df['date'] = pd.to_datetime(df['date'])
df.set_index('date', inplace=True)

# Display the first few rows
print("Dataset Head:")
print(df.head())

# Ensure no missing values
df = df.dropna()

# Plot the series
df.plot(figsize=(12, 6), title='Time Series Data')
plt.grid(True)
plt.show()

# Check for stationarity and difference if needed
df_diff = df.diff().dropna()

# Split into train and test
n_obs = 10 # Adjust based on how many steps you want to forecast
train = df_diff[:-n_obs]
test = df_diff[-n_obs:]

# Fit VAR model
model = VAR(train)
results = model.fit(maxlags=15, ic='aic')

# Print summary
print(results.summary())

# Forecast
lag_order = results.k_ar
forecast_input = train.values[-lag_order:]
forecast = results.forecast(y=forecast_input, steps=n_obs)

# Convert forecast to DataFrame
forecast_df = pd.DataFrame(forecast, index=test.index, columns=df.columns)

# Reconstruct original scale by adding last known value
last_values = df.iloc[-n_obs - 1]
forecast_original = forecast_df.cumsum() + last_values

# Plot actual vs forecast
plt.figure(figsize=(12, 6))
plt.plot(df['T'][-n_obs:], label='Actual T')
plt.plot(forecast_original['T'], label='Forecasted T', linestyle='dashed')
plt.title('Actual vs Forecasted Temperature (T)')
plt.legend()
plt.grid(True)
plt.show()

# Evaluate forecast
print("RMSE for T:", rmse(df['T'][-n_obs:], forecast_original['T']))
```

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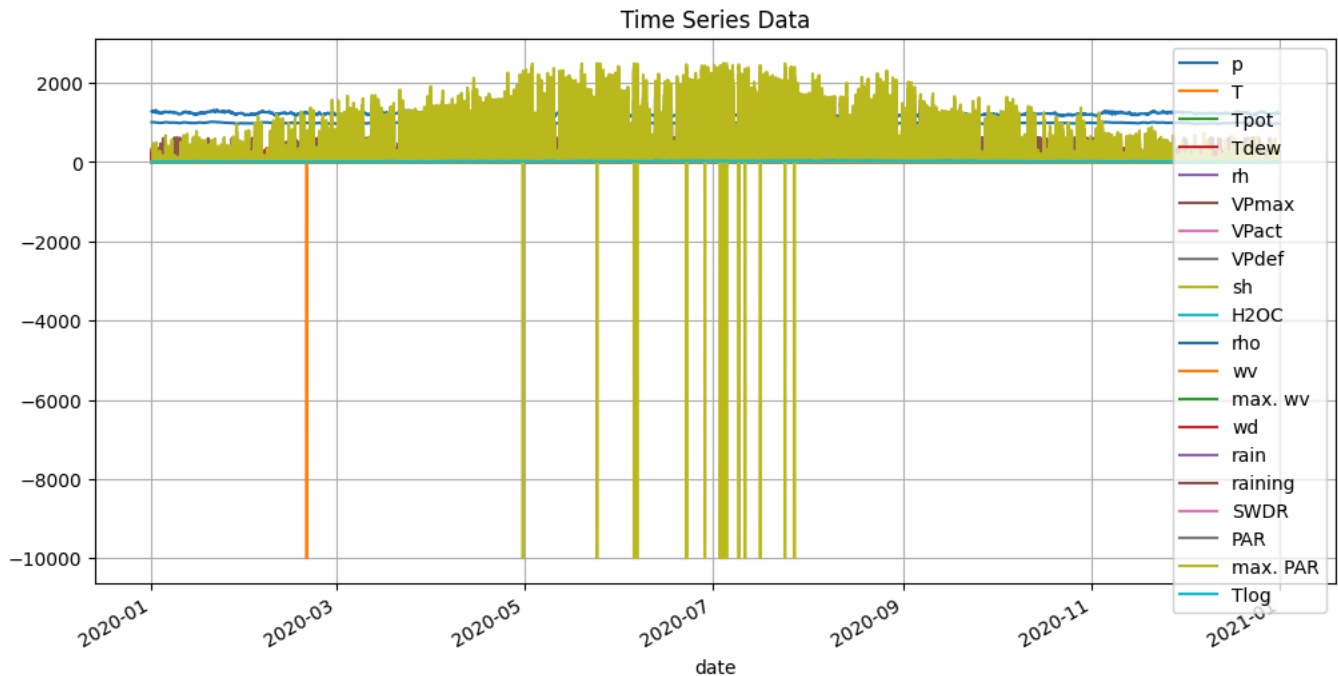
Saving cleaned_weather.csv to cleaned_weather.csv

Dataset Head:

	p	T	Tpot	Tdew	rh	VPmax	VPact	VPdef	\
date									
2020-01-01 00:10:00	1008.89	0.71	273.18	-1.33	86.1	6.43	5.54	0.89	
2020-01-01 00:20:00	1008.76	0.75	273.22	-1.44	85.2	6.45	5.49	0.95	
2020-01-01 00:30:00	1008.66	0.73	273.21	-1.48	85.1	6.44	5.48	0.96	
2020-01-01 00:40:00	1008.64	0.37	272.86	-1.64	86.3	6.27	5.41	0.86	
2020-01-01 00:50:00	1008.61	0.33	272.82	-1.50	87.4	6.26	5.47	0.79	

	sh	H2OC	rho	wv	max. wv	wd	rain	raining	\
date									
2020-01-01 00:10:00	3.42	5.49	1280.62	1.02	1.60	224.3	0.0	0.0	
2020-01-01 00:20:00	3.39	5.45	1280.33	0.43	0.84	206.8	0.0	0.0	
2020-01-01 00:30:00	3.39	5.43	1280.29	0.61	1.48	197.1	0.0	0.0	
2020-01-01 00:40:00	3.35	5.37	1281.97	1.11	1.48	206.4	0.0	0.0	
2020-01-01 00:50:00	3.38	5.42	1282.08	0.49	1.40	209.6	0.0	0.0	

	SWDR	PAR	max. PAR	Tlog
date				
2020-01-01 00:10:00	0.0	0.0	0.0	11.45
2020-01-01 00:20:00	0.0	0.0	0.0	11.51
2020-01-01 00:30:00	0.0	0.0	0.0	11.60
2020-01-01 00:40:00	0.0	0.0	0.0	11.70
2020-01-01 00:50:00	0.0	0.0	0.0	11.81



/usr/local/lib/python3.11/dist-packages/statsmodels/tsa/base/tsa_model.py:473: ValueWarning: A date index has been provided, but it h

self._init_dates(dates, freq)
Summary of Regression Results

```
=====
Model:                VAR
Method:                OLS
Date:                 Mon, 21, Apr, 2025
Time:                 15:13:37
-----
No. of Equations:    20.0000    BIC:                -39.8248
Nobs:                52670.0    HQIC:               -40.5220
Log likelihood:      -413198.    FPE:                1.83615e-18
AIC:                 -40.8389    Det(Omega_mle):    1.63837e-18
=====
```

Results for equation p

	coefficient	std. error	t-stat	prob
const	-0.000053	0.000322	-0.165	0.869
L1.p	0.403216	0.020688	19.490	0.000
L1.T	0.040094	0.106439	0.377	0.706
L1.Tpot	-0.079382	0.085417	-0.929	0.353
L1.Tdew	0.011282	0.006795	1.660	0.097
L1.rh	-0.002741	0.001157	-2.368	0.018
L1.VPmax	0.016288	0.069444	0.235	0.815
L1.VPact	-0.022532	0.082396	-0.273	0.785
L1.VPdef	-0.006123	0.069491	-0.088	0.930

L1.sh	-0.057871	0.097628	-0.593	0.553
L1.H2OC	0.051986	0.079281	0.656	0.512
L1.rho	-0.005224	0.016436	-0.318	0.751
L1.wv	-0.000008	0.000007	-1.082	0.279
L1.max. wv	0.005265	0.000383	13.760	0.000
L1.wd	-0.000022	0.000006	-3.888	0.000
L1.rain	-0.009560	0.003680	-2.598	0.009
L1.raining	-0.000003	0.000006	-0.483	0.629
L1.SWDR	0.000318	0.000086	3.703	0.000
L1.PAR	-0.000209	0.000045	-4.651	0.000
L1.max. PAR	-0.000003	0.000001	-2.516	0.012
L1.Tlog	-0.014474	0.005696	-2.541	0.011
L2.p	0.049656	0.022059	2.251	0.024
L2.T	-0.302629	0.127525	-2.373	0.018
L2.Tpot	0.152927	0.106208	1.440	0.150
L2.Tdew	0.001133	0.007053	0.161	0.872
L2.rh	-0.000820	0.001222	-0.671	0.502
L2.VPmax	-0.072954	0.092879	-0.785	0.432
L2.VPact	-0.049816	0.106511	-0.468	0.640
L2.VPdef	0.079669	0.092969	0.857	0.391
L2.sh	0.034987	0.131206	0.267	0.790
L2.H2OC	0.090018	0.101125	0.890	0.373
L2.rho	-0.031230	0.016644	-1.876	0.061
L2.wv	-0.000009	0.000010	-0.947	0.344
L2.max. wv	0.002791	0.000417	6.692	0.000
L2.wd	-0.000018	0.000007	-2.755	0.006
L2.rain	-0.002256	0.003932	-0.574	0.566
L2.raining	-0.000018	0.000006	-2.986	0.003
L2.SWDR	-0.000034	0.000091	-0.373	0.709
L2.PAR	0.000009	0.000047	0.186	0.853
L2.max. PAR	-0.000001	0.000001	-0.756	0.450
L2.Tlog	0.012051	0.007788	1.548	0.122
L3.p	0.084230	0.022740	3.704	0.000
L3.T	-0.106150	0.138108	-0.769	0.442
L3.Tpot	0.204213	0.116299	1.756	0.079
L3.Tdew	0.009754	0.007066	1.380	0.167
L3.rh	-0.002434	0.001224	-1.989	0.047
L3.VPmax	0.014113	0.108062	0.131	0.896
L3.VPact	-0.221500	0.121231	-1.827	0.068
L3.VPdef	-0.021471	0.108148	-0.199	0.843
L3.sh	-0.014096	0.152547	-0.092	0.926
L3.H2OC	0.213069	0.113736	1.873	0.061
L3.rho	0.022680	0.016744	1.354	0.176
L3.wv	-0.000005	0.000012	-0.448	0.654
L3.max. wv	0.002511	0.000435	5.775	0.000
L3.wd	-0.000015	0.000007	-2.125	0.034
L3.rain	-0.016211	0.004120	-3.934	0.000
L3.raining	-0.000028	0.000006	-4.367	0.000
L3.SWDR	0.000113	0.000093	1.225	0.221
L3.PAR	-0.000071	0.000048	-1.478	0.139
L3.max. PAR	-0.000003	0.000001	-2.202	0.028
L3.Tlog	0.001836	0.007924	0.232	0.817
L4.p	0.024627	0.023113	1.066	0.287
L4.T	0.031721	0.143528	0.221	0.825
L4.Tpot	0.056987	0.121353	0.470	0.639
L4.Tdew	0.008890	0.007075	1.257	0.209
L4.rh	0.000754	0.001226	0.615	0.538
L4.VPmax	0.011506	0.118823	0.097	0.923
L4.VPact	-0.086737	0.131316	-0.661	0.509
L4.VPdef	-0.022320	0.118921	-0.188	0.851
L4.sh	0.151217	0.167180	0.905	0.366
L4.H2OC	-0.036910	0.121969	-0.303	0.762
L4.rho	0.018527	0.016817	1.102	0.271
L4.wv	-0.000008	0.000013	-0.615	0.539
L4.max. wv	0.002594	0.000446	5.818	0.000
L4.wd	-0.000010	0.000008	-1.389	0.165
L4.rain	-0.018211	0.004264	-4.271	0.000
L4.raining	-0.000021	0.000006	-3.307	0.001
L4.SWDR	0.000083	0.000094	0.885	0.376
L4.PAR	-0.000069	0.000049	-1.425	0.154
L4.max. PAR	-0.000003	0.000001	-1.933	0.053
L4.Tlog	-0.013635	0.007928	-1.720	0.085
L5.p	0.050795	0.023294	2.181	0.029
L5.T	0.071387	0.145989	0.489	0.625
L5.Tpot	-0.027233	0.123714	-0.220	0.826
L5.Tdew	0.012568	0.007078	1.776	0.076
L5.rh	-0.001873	0.001226	-1.528	0.126
L5.VPmax	-0.008482	0.126359	-0.067	0.946
L5.VPact	-0.073821	0.138266	-0.534	0.593
L5.VPdef	0.007020	0.126450	0.056	0.956
L5.sh	0.174935	0.177373	0.986	0.324
L5.H2OC	-0.035135	0.127564	-0.275	0.783
L5.rho	0.012062	0.016867	0.715	0.475
L5.wv	-0.000009	0.000014	-0.640	0.522
L5.max. wv	0.001429	0.000452	3.158	0.002

L5.wd	-0.000017	0.000008	-2.239	0.025
L5.rain	-0.012725	0.004353	-2.923	0.003
L5.raining	-0.000021	0.000007	-3.168	0.002
L5.SWDR	0.000112	0.000094	1.193	0.233
L5.PAR	-0.000080	0.000049	-1.633	0.103
L5.max. PAR	-0.000002	0.000002	-1.486	0.137
L5.Tlog	0.013535	0.007935	1.706	0.088
L6.p	-0.005200	0.023368	-0.223	0.824
L6.T	0.124126	0.147030	0.844	0.399
L6.Tpot	0.118389	0.124684	0.950	0.342
L6.Tdew	0.009207	0.007080	1.300	0.193
L6.rh	-0.001511	0.001226	-1.233	0.218
L6.VPmax	-0.057381	0.131566	-0.436	0.663
L6.VPact	-0.197742	0.143097	-1.382	0.167
L6.VPdef	0.037675	0.131646	0.286	0.775
L6.sh	0.218296	0.184371	1.184	0.236
L6.H2OC	0.113309	0.131559	0.861	0.389
L6.rho	0.053659	0.016895	3.176	0.001
L6.wv	-0.000021	0.000014	-1.484	0.138
L6.max. wv	0.001817	0.000456	3.982	0.000
L6.wd	-0.000005	0.000008	-0.637	0.524
L6.rain	-0.010332	0.004436	-2.329	0.020
L6.raining	-0.000022	0.000007	-3.315	0.001
L6.SWDR	0.000027	0.000094	0.288	0.774
L6.PAR	-0.000036	0.000049	-0.734	0.463
L6.max. PAR	-0.000000	0.000002	-0.131	0.896
L6.Tlog	-0.010555	0.007976	-1.323	0.186
L7.p	-0.009592	0.023400	-0.410	0.682
L7.T	0.052959	0.147354	0.359	0.719
L7.Tpot	0.115999	0.124964	0.928	0.353
L7.Tdew	-0.003299	0.007077	-0.466	0.641
L7.rh	0.000756	0.001225	0.617	0.537
L7.VPmax	-0.095167	0.134411	-0.708	0.479
L7.VPact	-0.149050	0.145846	-1.022	0.307
L7.VPdef	0.073462	0.134461	0.546	0.585
L7.sh	0.203492	0.188237	1.081	0.280
L7.H2OC	0.109156	0.133938	0.815	0.415
L7.rho	0.033752	0.016916	1.995	0.046
L7.wv	-0.000021	0.000015	-1.419	0.156
L7.max. wv	0.002816	0.000459	6.141	0.000
L7.wd	-0.000001	0.000008	-0.095	0.924
L7.rain	-0.011502	0.004485	-2.565	0.010
L7.raining	-0.000020	0.000007	-3.092	0.002
L7.SWDR	0.000025	0.000095	0.261	0.794
L7.PAR	-0.000048	0.000049	-0.980	0.327
L7.max. PAR	-0.000001	0.000002	-0.713	0.476
L7.Tlog	0.000989	0.007981	0.124	0.901
L8.p	0.025476	0.023412	1.088	0.277
L8.T	-0.050087	0.147376	-0.340	0.734
L8.Tpot	0.196263	0.124922	1.571	0.116
L8.Tdew	0.000136	0.007072	0.019	0.985
L8.rh	0.001270	0.001225	1.036	0.300
L8.VPmax	-0.044618	0.135370	-0.330	0.742
L8.VPact	-0.102985	0.146800	-0.702	0.483
L8.VPdef	0.035045	0.135412	0.259	0.796
L8.sh	0.213013	0.189392	1.125	0.261
L8.H2OC	0.007269	0.134673	0.054	0.957
L8.rho	0.030644	0.016934	1.810	0.070
L8.wv	-0.000020	0.000015	-1.359	0.174
L8.max. wv	0.001910	0.000460	4.156	0.000
L8.wd	-0.000011	0.000008	-1.386	0.166
L8.rain	-0.020974	0.004500	-4.661	0.000
L8.raining	-0.000007	0.000007	-1.075	0.282
L8.SWDR	-0.000105	0.000095	-1.107	0.268
L8.PAR	0.000034	0.000049	0.689	0.491
L8.max. PAR	-0.000002	0.000002	-1.426	0.154
L8.Tlog	-0.000392	0.007993	-0.049	0.961
L9.p	0.027448	0.023395	1.173	0.241
L9.T	-0.075717	0.147219	-0.514	0.607
L9.Tpot	0.156497	0.124716	1.255	0.210
L9.Tdew	0.006826	0.007065	0.966	0.334
L9.rh	-0.001586	0.001224	-1.296	0.195
L9.VPmax	-0.102602	0.134396	-0.763	0.445
L9.VPact	-0.061661	0.145955	-0.422	0.673
L9.VPdef	0.095382	0.134415	0.710	0.478
L9.sh	0.316550	0.188124	1.683	0.092
L9.H2OC	-0.037076	0.134116	-0.276	0.782
L9.rho	0.018192	0.016922	1.075	0.282
L9.wv	-0.000017	0.000015	-1.144	0.252
L9.max. wv	0.001892	0.000459	4.123	0.000
L9.wd	-0.000008	0.000008	-1.024	0.306
L9.rain	-0.007525	0.004484	-1.678	0.093
L9.raining	-0.000009	0.000007	-1.349	0.177
L9.SWDR	0.000013	0.000095	0.135	0.892
L9.PAR	-0.000029	0.000049	-0.594	0.552

L9.max. PAR	-0.000003	0.000002	-1.660	0.097
L9.Tlog	0.001602	0.007987	0.201	0.841
L10.p	0.068846	0.023361	2.947	0.003
L10.T	-0.193593	0.146814	-1.319	0.187
L10.Tpot	0.086121	0.124252	0.693	0.488
L10.Tdew	0.000563	0.007061	0.080	0.936
L10.rh	-0.000396	0.001224	-0.324	0.746
L10.VPmax	0.058067	0.131505	0.442	0.659
L10.VPact	-0.178538	0.143385	-1.245	0.213
L10.VPdef	-0.047176	0.131513	-0.359	0.720
L10.sh	0.110151	0.184087	0.598	0.550
L10.H2OC	0.051468	0.132069	0.390	0.697
L10.rho	-0.021967	0.016899	-1.300	0.194
L10.wv	-0.000015	0.000014	-1.051	0.293
L10.max. wv	0.000459	0.000458	1.003	0.316
L10.wd	-0.000002	0.000008	-0.228	0.820
L10.rain	-0.023568	0.004428	-5.323	0.000
L10.raining	-0.000005	0.000007	-0.722	0.470
L10.SWDR	0.000036	0.000095	0.380	0.704
L10.PAR	-0.000042	0.000049	-0.852	0.394
L10.max. PAR	-0.000002	0.000002	-1.529	0.126
L10.Tlog	0.005853	0.007977	0.734	0.463
L11.p	0.010629	0.023271	0.457	0.648
L11.T	-0.015419	0.145624	-0.106	0.916
L11.Tpot	0.094186	0.123155	0.765	0.444
L11.Tdew	-0.003103	0.007049	-0.440	0.660
L11.rh	0.001913	0.001223	1.564	0.118
L11.VPmax	0.062112	0.126310	0.492	0.623
L11.VPact	-0.209524	0.138572	-1.512	0.131
L11.VPdef	-0.072486	0.126320	-0.574	0.566
L11.sh	0.082436	0.176944	0.466	0.641
L11.H2OC	0.081829	0.128279	0.638	0.524
L11.rho	0.014084	0.016873	0.835	0.404
L11.wv	-0.000008	0.000014	-0.588	0.557
L11.max. wv	0.000130	0.000455	0.285	0.776
L11.wd	-0.000001	0.000008	-0.173	0.863
L11.rain	-0.021357	0.004345	-4.915	0.000
L11.raining	-0.000004	0.000007	-0.666	0.506
L11.SWDR	-0.000094	0.000094	-1.002	0.317
L11.PAR	0.000033	0.000049	0.673	0.501
L11.max. PAR	-0.000003	0.000002	-1.867	0.062
L11.Tlog	-0.006367	0.007940	-0.802	0.423
L12.p	0.010603	0.023081	0.459	0.646
L12.T	-0.059457	0.143056	-0.416	0.678
L12.Tpot	0.195121	0.120786	1.615	0.106
L12.Tdew	-0.005145	0.007043	-0.731	0.465
L12.rh	-0.001643	0.001223	-1.344	0.179
L12.VPmax	0.042800	0.118729	0.360	0.718
L12.VPact	-0.213830	0.131690	-1.624	0.104
L12.VPdef	-0.056239	0.118781	-0.473	0.636
L12.sh	0.003768	0.166801	0.023	0.982
L12.H2OC	0.181227	0.122588	1.478	0.139
L12.rho	0.029563	0.016821	1.757	0.079
L12.wv	-0.000008	0.000013	-0.658	0.511
L12.max. wv	-0.000034	0.000450	-0.076	0.939
L12.wd	-0.000010	0.000008	-1.304	0.192
L12.rain	-0.025467	0.004255	-5.985	0.000
L12.raining	0.000006	0.000006	0.881	0.378
L12.SWDR	-0.000017	0.000094	-0.183	0.855
L12.PAR	-0.000011	0.000049	-0.235	0.814
L12.max. PAR	-0.000002	0.000001	-1.371	0.170
L12.Tlog	-0.002940	0.007924	-0.371	0.711
L13.p	0.029503	0.022712	1.299	0.194
L13.T	-0.098698	0.137687	-0.717	0.473
L13.Tpot	0.044388	0.115784	0.383	0.701
L13.Tdew	-0.000770	0.007025	-0.110	0.913
L13.rh	0.001176	0.001220	0.964	0.335
L13.VPmax	0.037009	0.108010	0.343	0.732
L13.VPact	-0.159801	0.121531	-1.315	0.189
L13.VPdef	-0.037627	0.108056	-0.348	0.728
L13.sh	-0.151420	0.152214	-0.995	0.320
L13.H2OC	0.203863	0.114263	1.784	0.074
L13.rho	-0.014890	0.016751	-0.889	0.374
L13.wv	-0.000008	0.000012	-0.663	0.507
L13.max. wv	0.000427	0.000442	0.966	0.334
L13.wd	-0.000003	0.000007	-0.355	0.722
L13.rain	-0.010063	0.004111	-2.448	0.014
L13.raining	0.000003	0.000006	0.409	0.683
L13.SWDR	0.000138	0.000093	1.490	0.136
L13.PAR	-0.000096	0.000048	-1.985	0.047
L13.max. PAR	-0.000001	0.000001	-0.686	0.493
L13.Tlog	0.007355	0.007914	0.929	0.353
L14.p	0.017748	0.022014	0.806	0.420
L14.T	0.046771	0.127144	0.368	0.713
L14.Tpot	0.053000	0.100000	0.400	0.600

L14.Tpot	-0.052194	0.105885	-0.493	0.022
L14.Tdew	-0.005911	0.007010	-0.843	0.399
L14.rh	0.000973	0.001218	0.799	0.424
L14.VPmax	0.055690	0.092865	0.600	0.549
L14.VPact	-0.164300	0.106646	-1.541	0.123
L14.VPdef	-0.054463	0.092942	-0.586	0.558
L14.sh	-0.092435	0.130990	-0.706	0.480
L14.H2OC	0.167966	0.101436	1.656	0.098
L14.rho	-0.002182	0.016636	-0.131	0.896
L14.wv	-0.000004	0.000010	-0.450	0.653
L14.max. wv	0.000678	0.000427	1.589	0.112
L14.wd	-0.000000	0.000007	-0.034	0.973
L14.rain	-0.013888	0.003930	-3.534	0.000
L14.raining	-0.000009	0.000006	-1.469	0.142
L14.SWDR	0.000010	0.000091	0.112	0.910
L14.PAR	-0.000024	0.000047	-0.501	0.616
L14.max. PAR	-0.000003	0.000001	-2.317	0.021
L14.Tlog	-0.011056	0.007738	-1.429	0.153
L15.p	0.013036	0.020603	0.633	0.527
L15.T	0.076936	0.106304	0.724	0.469
L15.Tpot	-0.046546	0.085196	-0.546	0.585
L15.Tdew	0.006090	0.006735	0.904	0.366
L15.rh	0.001256	0.001145	1.097	0.273
L15.VPmax	0.087442	0.069455	1.259	0.208
L15.VPact	-0.077886	0.082440	-0.945	0.345
L15.VPdef	-0.087034	0.069540	-1.252	0.211
L15.sh	-0.055781	0.097583	-0.572	0.568
L15.H2OC	0.013867	0.079387	0.175	0.861
L15.rho	0.006222	0.016363	0.380	0.704
L15.wv	-0.000001	0.000007	-0.119	0.905
L15.max. wv	0.000176	0.000389	0.453	0.650
L15.wd	-0.000002	0.000006	-0.383	0.702
L15.rain	-0.012376	0.003690	-3.354	0.001
L15.raining	-0.000002	0.000006	-0.300	0.764
L15.SWDR	0.000056	0.000087	0.649	0.517
L15.PAR	-0.000040	0.000045	-0.880	0.379
L15.max. PAR	-0.000001	0.000001	-0.557	0.578
L15.Tlog	-0.000273	0.004967	-0.055	0.956

Results for equation T

	coefficient	std. error	t-stat	prob
const	-0.000025	0.000815	-0.030	0.976
L1.p	-0.302636	0.052377	-5.778	0.000
L1.T	0.359957	0.269476	1.336	0.182
L1.Tpot	0.968857	0.216253	4.480	0.000
L1.Tdew	0.062543	0.017203	3.636	0.000
L1.rh	-0.013132	0.002930	-4.482	0.000
L1.VPmax	-0.035981	0.175814	-0.205	0.838
L1.VPact	-0.312792	0.208606	-1.499	0.134
L1.VPdef	-0.199366	0.175932	-1.133	0.257
L1.sh	-0.175251	0.247168	-0.709	0.478
L1.H2OC	0.177400	0.200718	0.884	0.377
L1.rho	0.179551	0.041612	4.315	0.000
L1.wv	-0.000005	0.000018	-0.293	0.769
L1.max. wv	-0.026163	0.000969	-27.006	0.000
L1.wd	0.000155	0.000015	10.620	0.000
L1.rain	-0.115176	0.009316	-12.363	0.000
L1.raining	-0.000287	0.000015	-19.249	0.000
L1.SWDR	0.000283	0.000217	1.301	0.193
L1.PAR	0.000435	0.000114	3.821	0.000
L1.max. PAR	0.000021	0.000003	7.288	0.000
L1.Tlog	0.098187	0.014421	6.809	0.000
L2.p	0.012106	0.055848	0.217	0.828
L2.T	-0.219848	0.322859	-0.681	0.496
L2.Tpot	0.174130	0.268891	0.648	0.517
L2.Tdew	-0.079587	0.017857	-4.457	0.000
L2.rh	0.020756	0.003093	6.711	0.000
L2.VPmax	0.178175	0.235144	0.758	0.449
L2.VPact	-0.219249	0.269659	-0.813	0.416
L2.VPdef	-0.162173	0.235372	-0.689	0.491
L2.sh	-0.351138	0.332179	-1.057	0.290
L2.H2OC	0.345192	0.256023	1.348	0.178
L2.rho	-0.006863	0.042138	-0.163	0.871
L2.wv	0.000000	0.000025	0.008	0.993
L2.max. wv	-0.003582	0.001056	-3.392	0.001
L2.wd	0.000006	0.000017	0.357	0.721
L2.rain	-0.028626	0.009954	-2.876	0.004
L2.raining	-0.000157	0.000016	-10.071	0.000
L2.SWDR	-0.000057	0.000230	-0.246	0.806
L2.PAR	0.000093	0.000120	0.774	0.439
L2.max. PAR	0.000010	0.000003	2.982	0.003
L2.Tlog	0.056528	0.019716	2.867	0.004

L3.p	0.101556	0.057571	1.764	0.078
L3.T	-0.113360	0.349654	-0.324	0.746
L3.Tpot	-0.088516	0.294440	-0.301	0.764
L3.Tdew	-0.016473	0.017889	-0.921	0.357
L3.rh	0.004808	0.003098	1.552	0.121
L3.VPmax	0.005875	0.273584	0.021	0.983
L3.VPact	-0.311546	0.306926	-1.015	0.310
L3.VPdef	-0.040091	0.273803	-0.146	0.884
L3.sh	-0.117913	0.386210	-0.305	0.760
L3.H2OC	0.320065	0.287950	1.112	0.266
L3.rho	-0.074589	0.042392	-1.759	0.078
L3.wv	0.000006	0.000029	0.199	0.842
L3.max. wv	-0.005283	0.001101	-4.800	0.000
L3.wd	-0.000044	0.000018	-2.427	0.015
L3.rain	-0.001007	0.010431	-0.097	0.923
L3.raining	-0.000149	0.000016	-9.247	0.000
L3.SWDR	-0.000856	0.000234	-3.651	0.000
L3.PAR	0.000578	0.000122	4.727	0.000
L3.max. PAR	0.000006	0.000004	1.773	0.076
L3.Tlog	-0.013934	0.020060	-0.695	0.487
L4.p	0.120740	0.058517	2.063	0.039
L4.T	-0.401347	0.363376	-1.104	0.269
L4.Tpot	-0.075303	0.307234	-0.245	0.806
L4.Tdew	-0.010746	0.017911	-0.600	0.549
L4.rh	0.000520	0.003103	0.167	0.867
L4.VPmax	0.117339	0.300828	0.390	0.696
L4.VPact	-0.212427	0.332459	-0.639	0.523
L4.VPdef	-0.058488	0.301077	-0.194	0.846
L4.sh	-0.265241	0.423257	-0.627	0.531
L4.H2OC	0.313161	0.308794	1.014	0.311
L4.rho	-0.100260	0.042577	-2.355	0.019
L4.wv	0.000002	0.000032	0.047	0.963
L4.max. wv	-0.003135	0.001129	-2.777	0.005
L4.wd	-0.000092	0.000019	-4.820	0.000
L4.rain	0.014866	0.010796	1.377	0.169
L4.raining	-0.000125	0.000016	-7.691	0.000
L4.SWDR	-0.000591	0.000237	-2.491	0.013
L4.PAR	0.000404	0.000123	3.272	0.001
L4.max. PAR	0.000014	0.000004	3.742	0.000
L4.Tlog	0.027261	0.020071	1.358	0.174
L5.p	0.064734	0.058975	1.098	0.272
L5.T	-0.193630	0.369606	-0.524	0.600
L5.Tpot	0.041449	0.313212	0.132	0.895
L5.Tdew	-0.006779	0.017919	-0.378	0.705
L5.rh	0.003024	0.003103	0.974	0.330
L5.VPmax	0.159507	0.319908	0.499	0.618
L5.VPact	0.001382	0.350055	0.004	0.997
L5.VPdef	-0.142760	0.320139	-0.446	0.656
L5.sh	0.030369	0.449062	0.068	0.946
L5.H2OC	-0.154666	0.322960	-0.479	0.632
L5.rho	-0.041540	0.042703	-0.973	0.331
L5.wv	0.000021	0.000035	0.600	0.548
L5.max. wv	-0.001856	0.001146	-1.620	0.105
L5.wd	-0.000097	0.000020	-4.932	0.000
L5.rain	-0.007248	0.011021	-0.658	0.511
L5.raining	-0.000099	0.000016	-6.007	0.000
L5.SWDR	-0.001116	0.000238	-4.683	0.000
L5.PAR	0.000657	0.000124	5.299	0.000
L5.max. PAR	0.000004	0.000004	1.011	0.312
L5.Tlog	0.020170	0.020089	1.004	0.315
L6.p	0.090148	0.059162	1.524	0.128
L6.T	0.053844	0.372241	0.145	0.885
L6.Tpot	-0.412816	0.315668	-1.308	0.191
L6.Tdew	-0.018027	0.017925	-1.006	0.315
L6.rh	0.004062	0.003104	1.309	0.191
L6.VPmax	0.116039	0.333090	0.348	0.728
L6.VPact	0.244600	0.362284	0.675	0.500
L6.VPdef	-0.080960	0.333293	-0.243	0.808
L6.sh	0.019961	0.466780	0.043	0.966
L6.H2OC	-0.345401	0.333073	-1.037	0.300
L6.rho	-0.084102	0.042773	-1.966	0.049
L6.wv	0.000033	0.000036	0.915	0.360
L6.max. wv	0.000969	0.001155	0.839	0.401
L6.wd	-0.000118	0.000020	-5.906	0.000
L6.rain	0.004475	0.011231	0.398	0.690
L6.raining	-0.000063	0.000017	-3.770	0.000
L6.SWDR	-0.000585	0.000239	-2.447	0.014
L6.PAR	0.000365	0.000124	2.939	0.003
L6.max. PAR	0.000006	0.000004	1.395	0.163
L6.Tlog	0.007990	0.020194	0.396	0.692
L7.p	0.002666	0.059243	0.045	0.964
L7.T	0.565390	0.373063	1.516	0.130
L7.Tpot	-0.793344	0.316377	-2.508	0.012
L7.Tdew	-0.024569	0.017918	-1.371	0.170
L7.rh	-0.000312	0.003103	-0.101	0.920

L7.VPmax	0.164503	0.340295	0.483	0.629
L7.VPact	-0.227890	0.369245	-0.617	0.537
L7.VPdef	-0.139565	0.340421	-0.410	0.682
L7.sh	0.456324	0.476568	0.958	0.338
L7.H2OC	-0.166367	0.339096	-0.491	0.624
L7.rho	-0.052823	0.042827	-1.233	0.217
L7.wv	0.000050	0.000037	1.346	0.178
L7.max. wv	-0.000389	0.001161	-0.335	0.738
L7.wd	-0.000101	0.000020	-5.047	0.000
L7.rain	0.012374	0.011354	1.090	0.276
L7.raining	-0.000058	0.000017	-3.495	0.000
L7.SWDR	-0.000469	0.000240	-1.955	0.051
L7.PAR	0.000302	0.000125	2.424	0.015
L7.max. PAR	0.000004	0.000004	0.895	0.371
L7.Tlog	-0.007313	0.020205	-0.362	0.717
L8.p	-0.007402	0.059273	-0.125	0.901
L8.T	0.600982	0.373118	1.611	0.107
L8.Tpot	-0.757785	0.316269	-2.396	0.017
L8.Tdew	0.023020	0.017904	1.286	0.199
L8.rh	-0.002589	0.003102	-0.835	0.404
L8.VPmax	0.173408	0.342721	0.506	0.613
L8.VPact	-0.069117	0.371661	-0.186	0.852
L8.VPdef	-0.122783	0.342829	-0.358	0.720
L8.sh	0.130639	0.479491	0.272	0.785
L8.H2OC	-0.143086	0.340957	-0.420	0.675
L8.rho	-0.025727	0.042873	-0.600	0.548
L8.wv	0.000038	0.000038	1.024	0.306
L8.max. wv	0.000177	0.001163	0.152	0.879
L8.wd	-0.000121	0.000020	-6.029	0.000
L8.rain	0.031387	0.011394	2.755	0.006
L8.raining	-0.000040	0.000017	-2.427	0.015
L8.SWDR	-0.000413	0.000240	-1.720	0.086
L8.PAR	0.000268	0.000125	2.149	0.032
L8.max. PAR	0.000000	0.000004	0.106	0.916
L8.Tlog	0.047586	0.020235	2.352	0.019
L9.p	-0.018491	0.059229	-0.312	0.755
L9.T	0.621862	0.372720	1.668	0.095
L9.Tpot	-0.734453	0.315748	-2.326	0.020
L9.Tdew	-0.031330	0.017886	-1.752	0.080
L9.rh	0.001615	0.003100	0.521	0.602
L9.VPmax	0.013194	0.340255	0.039	0.969
L9.VPact	0.150814	0.369520	0.408	0.683
L9.VPdef	-0.011530	0.340305	-0.034	0.973
L9.sh	-0.187009	0.476282	-0.393	0.695
L9.H2OC	-0.004459	0.339548	-0.013	0.990
L9.rho	-0.028634	0.042841	-0.668	0.504
L9.wv	0.000033	0.000037	0.890	0.374
L9.max. wv	-0.000625	0.001162	-0.538	0.590
L9.wd	-0.000131	0.000020	-6.516	0.000
L9.rain	-0.000499	0.011353	-0.044	0.965
L9.raining	-0.000035	0.000017	-2.087	0.037
L9.SWDR	-0.000435	0.000240	-1.812	0.070
L9.PAR	0.000248	0.000125	1.991	0.047
L9.max. PAR	0.000003	0.000004	0.648	0.517
L9.Tlog	-0.024253	0.020222	-1.199	0.230
L10.p	0.013111	0.059145	0.222	0.825
L10.T	0.662239	0.371694	1.782	0.075
L10.Tpot	-0.926524	0.314574	-2.945	0.003
L10.Tdew	-0.017112	0.017876	-0.957	0.338
L10.rh	0.003168	0.003100	1.022	0.307
L10.VPmax	-0.095576	0.332937	-0.287	0.774
L10.VPact	0.240461	0.363014	0.662	0.508
L10.VPdef	0.136978	0.332956	0.411	0.681
L10.sh	-0.102521	0.466061	-0.220	0.826
L10.H2OC	-0.047429	0.334365	-0.142	0.887
L10.rho	-0.057567	0.042784	-1.346	0.178
L10.wv	0.000032	0.000036	0.869	0.385
L10.max. wv	0.001916	0.001159	1.653	0.098
L10.wd	-0.000111	0.000020	-5.556	0.000
L10.rain	0.028280	0.011210	2.523	0.012
L10.raining	-0.000038	0.000017	-2.265	0.023
L10.SWDR	-0.000125	0.000240	-0.520	0.603
L10.PAR	0.000113	0.000125	0.908	0.364
L10.max. PAR	0.000006	0.000004	1.475	0.140
L10.Tlog	0.022675	0.020197	1.123	0.262
L11.p	-0.129068	0.058917	-2.191	0.028
L11.T	0.905461	0.368682	2.456	0.014
L11.Tpot	-0.593656	0.311796	-1.904	0.057
L11.Tdew	-0.019218	0.017846	-1.077	0.282
L11.rh	0.002137	0.003096	0.690	0.490
L11.VPmax	-0.278195	0.319785	-0.870	0.384
L11.VPact	0.178255	0.350828	0.508	0.611
L11.VPdef	0.249718	0.319809	0.781	0.435
L11.sh	0.069282	0.447976	0.155	0.877
L11.H2OC	0.060896	0.324769	0.188	0.851

L11.rho	0.063223	0.042717	1.480	0.139
L11.wv	0.000028	0.000035	0.794	0.427
L11.max. wv	0.002998	0.001152	2.602	0.009
L11.wd	-0.000079	0.000020	-4.039	0.000
L11.rain	0.005692	0.011001	0.517	0.605
L11.raining	-0.000026	0.000016	-1.552	0.121
L11.SWDR	-0.000155	0.000239	-0.647	0.517
L11.PAR	0.000114	0.000124	0.915	0.360
L11.max. PAR	0.000006	0.000004	1.530	0.126
L11.Tlog	-0.001627	0.020103	-0.081	0.936
L12.p	-0.102068	0.058436	-1.747	0.081
L12.T	0.806252	0.362181	2.226	0.026
L12.Tpot	-0.560528	0.305798	-1.833	0.067
L12.Tdew	0.007888	0.017831	0.442	0.658
L12.rh	0.004905	0.003096	1.584	0.113
L12.VPmax	-0.327988	0.300591	-1.091	0.275
L12.VPact	0.221116	0.333406	0.663	0.507
L12.VPdef	0.320715	0.300722	1.066	0.286
L12.sh	0.278561	0.422298	0.660	0.509
L12.H2OC	-0.081065	0.310360	-0.261	0.794
L12.rho	0.050075	0.042588	1.176	0.240
L12.wv	0.000012	0.000032	0.370	0.711
L12.max. wv	0.002214	0.001140	1.942	0.052
L12.wd	-0.000099	0.000019	-5.201	0.000
L12.rain	0.006961	0.010773	0.646	0.518
L12.raining	-0.000035	0.000016	-2.178	0.029
L12.SWDR	-0.000261	0.000238	-1.098	0.272
L12.PAR	0.000154	0.000124	1.243	0.214
L12.max. PAR	0.000000	0.000004	0.056	0.955
L12.Tlog	0.001880	0.020061	0.094	0.925
L13.p	-0.025193	0.057500	-0.438	0.661
L13.T	0.825712	0.348587	2.369	0.018
L13.Tpot	-0.981072	0.293135	-3.347	0.001
L13.Tdew	-0.041098	0.017784	-2.311	0.021
L13.rh	0.005030	0.003089	1.629	0.103
L13.VPmax	-0.368325	0.273454	-1.347	0.178
L13.VPact	0.098567	0.307686	0.320	0.749
L13.VPdef	0.399402	0.273571	1.460	0.144
L13.sh	0.306410	0.385365	0.795	0.427
L13.H2OC	0.108684	0.289284	0.376	0.707
L13.rho	-0.034035	0.042408	-0.803	0.422
L13.wv	0.000009	0.000029	0.307	0.759
L13.max. wv	0.002685	0.001119	2.401	0.016
L13.wd	-0.000074	0.000018	-4.041	0.000
L13.rain	0.014500	0.010407	1.393	0.164
L13.raining	-0.000031	0.000016	-1.921	0.055
L13.SWDR	-0.000339	0.000235	-1.439	0.150
L13.PAR	0.000178	0.000122	1.449	0.147
L13.max. PAR	0.000002	0.000004	0.588	0.556
L13.Tlog	0.004811	0.020037	0.240	0.810
L14.p	-0.069649	0.055733	-1.250	0.211
L14.T	0.639524	0.321895	1.987	0.047
L14.Tpot	-0.638026	0.268074	-2.380	0.017
L14.Tdew	0.013241	0.017748	0.746	0.456
L14.rh	-0.002680	0.003084	-0.869	0.385
L14.VPmax	-0.224920	0.235110	-0.957	0.339
L14.VPact	0.402952	0.270000	1.492	0.136
L14.VPdef	0.253102	0.235306	1.076	0.282
L14.sh	-0.005307	0.331634	-0.016	0.987
L14.H2OC	-0.134599	0.256809	-0.524	0.600
L14.rho	0.010814	0.042119	0.257	0.797
L14.wv	0.000019	0.000025	0.785	0.433
L14.max. wv	0.000744	0.001081	0.688	0.491
L14.wd	-0.000070	0.000017	-4.160	0.000
L14.rain	0.003433	0.009949	0.345	0.730
L14.raining	-0.000014	0.000016	-0.887	0.375
L14.SWDR	-0.000309	0.000231	-1.340	0.180
L14.PAR	0.000174	0.000120	1.450	0.147
L14.max. PAR	0.000005	0.000003	1.515	0.130
L14.Tlog	-0.006159	0.019589	-0.314	0.753
L15.p	-0.108495	0.052160	-2.080	0.038
L15.T	0.564452	0.269134	2.097	0.036
L15.Tpot	-0.122059	0.215695	-0.566	0.571
L15.Tdew	-0.020807	0.017052	-1.220	0.222
L15.rh	0.005940	0.002899	2.049	0.040
L15.VPmax	-0.245138	0.175841	-1.394	0.163
L15.VPact	0.197083	0.208716	0.944	0.345
L15.VPdef	0.211671	0.176058	1.202	0.229
L15.sh	-0.019285	0.247056	-0.078	0.938
L15.H2OC	0.069677	0.200988	0.347	0.729
L15.rho	0.088831	0.041426	2.144	0.032
L15.wv	0.000016	0.000018	0.868	0.385
L15.max. wv	0.001817	0.000984	1.846	0.065
L15.wd	-0.000015	0.000015	-1.043	0.297

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L15.rain      0.017831      0.009341      1.909      0.056
L15.raining   -0.000021      0.000015     -1.383      0.167
L15.SWDR      0.000267      0.000220      1.218      0.223
L15.PAR       -0.000123      0.000115     -1.069      0.285
L15.max. PAR  -0.000001      0.000003     -0.398      0.690
L15.Tlog      0.030372      0.012576      2.415      0.016
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Results for equation Tpot

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              coefficient      std. error      t-stat      prob
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const         -0.000024         0.000820      -0.029      0.977
L1.p           -0.422765         0.052698      -8.022      0.000
L1.T           1.192097         0.271129       4.397      0.000
L1.Tpot        0.238462         0.217580       1.096      0.273
L1.Tdew        0.062945         0.017308       3.637      0.000
L1.rh          -0.013032         0.002948      -4.420      0.000
L1.VPmax       -0.045154         0.176893      -0.255      0.799
L1.VPact       -0.320668         0.209886      -1.528      0.127
L1.VPdef       -0.200066         0.177012      -1.130      0.258
L1.sh          -0.161184         0.248684      -0.648      0.517
L1.H2OC        0.183406         0.201950       0.908      0.364
L1.rho         0.200408         0.041867       4.787      0.000
L1.wv          -0.000005         0.000018      -0.265      0.791
L1.max. wv     -0.026658         0.000975     -27.350      0.000
L1.wd          0.000157         0.000015      10.673      0.000
L1.rain        -0.115654         0.009373     -12.338      0.000
L1.raining     -0.000288         0.000015     -19.214      0.000
L1.SWDR        0.000252         0.000219       1.154      0.249
L1.PAR         0.000456         0.000114       3.982      0.000
L1.max. PAR    0.000021         0.000003       7.389      0.000
L1.Tlog        0.099035         0.014509       6.826      0.000
L2.p           -0.057120         0.056191      -1.017      0.309
L2.T           0.436473         0.324841       1.344      0.179
L2.Tpot       -0.393695         0.270541      -1.455      0.146
L2.Tdew       -0.079181         0.017967      -4.407      0.000
L2.rh          0.021044         0.003112       6.763      0.000
L2.VPmax       0.179911         0.236588       0.760      0.447
L2.VPact       -0.239329         0.271314      -0.882      0.378
L2.VPdef       -0.171516         0.236817      -0.724      0.469
L2.sh          -0.332963         0.334218      -0.996      0.319
L2.H2OC        0.351357         0.257594       1.364      0.173
L2.rho         0.011483         0.042397       0.271      0.787
L2.wv          0.000000         0.000025       0.020      0.984
L2.max. wv     -0.003806         0.001063      -3.582      0.000
L2.wd          0.000006         0.000017       0.378      0.705
L2.rain        -0.028970         0.010015      -2.893      0.004
L2.raining     -0.000157         0.000016     -10.034      0.000
L2.SWDR        -0.000056         0.000231      -0.241      0.809
L2.PAR         0.000093         0.000121       0.772      0.440
L2.max. PAR    0.000010         0.000003       2.990      0.003
L2.Tlog        0.056190         0.019837       2.833      0.005
L3.p           0.046282         0.057925       0.799      0.424
L3.T           0.365246         0.351800       1.038      0.299
L3.Tpot       -0.515982         0.296247      -1.742      0.082
L3.Tdew       -0.017127         0.017999      -0.952      0.341
L3.rh          0.005143         0.003117       1.650      0.099
L3.VPmax       -0.002861         0.275263      -0.010      0.992
L3.VPact       -0.320799         0.308810      -1.039      0.299
L3.VPdef       -0.036559         0.275484      -0.133      0.894
L3.sh          -0.094270         0.388581      -0.243      0.808
L3.H2OC        0.321895         0.289718       1.111      0.267
L3.rho         -0.064338         0.042653      -1.508      0.131
L3.wv          0.000005         0.000029       0.169      0.866
L3.max. wv     -0.005510         0.001107      -4.975      0.000
L3.wd          -0.000044         0.000018      -2.417      0.016
L3.rain        -0.000126         0.010495      -0.012      0.990
L3.raining     -0.000148         0.000016     -9.139      0.000
L3.SWDR        -0.000866         0.000236      -3.669      0.000
L3.PAR         0.000584         0.000123       4.746      0.000
L3.max. PAR    0.000007         0.000004       1.877      0.061
L3.Tlog       -0.014802         0.020184      -0.733      0.463
L4.p           0.085649         0.058876       1.455      0.146
L4.T           -0.077737         0.365606      -0.213      0.832
L4.Tpot       -0.371000         0.309119      -1.200      0.230
L4.Tdew       -0.010732         0.018021      -0.596      0.551
L4.rh          0.000486         0.003122       0.156      0.876
L4.VPmax       0.108021         0.302674       0.357      0.721
L4.VPact       -0.237966         0.334499      -0.711      0.477
L4.VPdef       -0.051261         0.302925      -0.169      0.866
L4.sh          -0.252378         0.425854      -0.593      0.553
L4.H2OC        0.340289         0.310689       1.095      0.273
L4.rho         -0.094387         0.042838      -2.203      0.028
L4.wv          0.000001         0.000033       0.033      0.974

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L4.max. wv	-0.003336	0.001136	-2.937	0.003
L4.wd	-0.000092	0.000019	-4.800	0.000
L4.rain	0.015978	0.010862	1.471	0.141
L4.raining	-0.000125	0.000016	-7.619	0.000
L4.SWDR	-0.000599	0.000239	-2.509	0.012
L4.PAR	0.000410	0.000124	3.302	0.001
L4.max. PAR	0.000014	0.000004	3.825	0.000
L4.Tlog	0.028339	0.020194	1.403	0.161
L5.p	0.038706	0.059337	0.652	0.514
L5.T	0.021787	0.371875	0.059	0.953
L5.Tpot	-0.152162	0.315135	-0.483	0.629
L5.Tdew	-0.006961	0.018028	-0.386	0.699
L5.rh	0.003182	0.003122	1.019	0.308
L5.VPmax	0.147052	0.321872	0.457	0.648
L5.VPact	-0.026395	0.352203	-0.075	0.940
L5.VPdef	-0.132458	0.322104	-0.411	0.681
L5.sh	0.044899	0.451818	0.099	0.921
L5.H2OC	-0.124573	0.324942	-0.383	0.701
L5.rho	-0.037221	0.042966	-0.866	0.386
L5.wv	0.000021	0.000035	0.592	0.554
L5.max. wv	-0.001962	0.001153	-1.703	0.089
L5.wd	-0.000097	0.000020	-4.889	0.000
L5.rain	-0.006817	0.011089	-0.615	0.539
L5.raining	-0.000098	0.000017	-5.922	0.000
L5.SWDR	-0.001120	0.000240	-4.670	0.000
L5.PAR	0.000661	0.000125	5.297	0.000
L5.max. PAR	0.000004	0.000004	1.080	0.280
L5.Tlog	0.018605	0.020213	0.920	0.357
L6.p	0.077443	0.059525	1.301	0.193
L6.T	0.172807	0.374525	0.461	0.645
L6.Tpot	-0.535171	0.317606	-1.685	0.092
L6.Tdew	-0.018554	0.018035	-1.029	0.304
L6.rh	0.004242	0.003123	1.358	0.174
L6.VPmax	0.105614	0.335134	0.315	0.753
L6.VPact	0.228512	0.364507	0.627	0.531
L6.VPdef	-0.070475	0.335339	-0.210	0.834
L6.sh	0.025831	0.469645	0.055	0.956
L6.H2OC	-0.323258	0.335118	-0.965	0.335
L6.rho	-0.085128	0.043035	-1.978	0.048
L6.wv	0.000034	0.000037	0.940	0.347
L6.max. wv	0.000801	0.001162	0.689	0.491
L6.wd	-0.000118	0.000020	-5.874	0.000
L6.rain	0.004909	0.011299	0.434	0.664
L6.raining	-0.000062	0.000017	-3.683	0.000
L6.SWDR	-0.000579	0.000241	-2.407	0.016
L6.PAR	0.000364	0.000125	2.912	0.004
L6.max. PAR	0.000006	0.000004	1.414	0.157
L6.Tlog	0.009180	0.020318	0.452	0.651
L7.p	-0.004091	0.059607	-0.069	0.945
L7.T	0.626157	0.375353	1.668	0.095
L7.Tpot	-0.853294	0.318319	-2.681	0.007
L7.Tdew	-0.024100	0.018028	-1.337	0.181
L7.rh	-0.000426	0.003122	-0.137	0.891
L7.VPmax	0.160453	0.342383	0.469	0.639
L7.VPact	-0.242835	0.371511	-0.654	0.513
L7.VPdef	-0.134896	0.342510	-0.394	0.694
L7.sh	0.460893	0.479493	0.961	0.336
L7.H2OC	-0.149801	0.341177	-0.439	0.661
L7.rho	-0.052412	0.043090	-1.216	0.224
L7.wv	0.000051	0.000037	1.366	0.172
L7.max. wv	-0.000628	0.001168	-0.538	0.591
L7.wd	-0.000103	0.000020	-5.081	0.000
L7.rain	0.012880	0.011424	1.127	0.260
L7.raining	-0.000058	0.000017	-3.446	0.001
L7.SWDR	-0.000465	0.000241	-1.928	0.054
L7.PAR	0.000303	0.000125	2.418	0.016
L7.max. PAR	0.000004	0.000004	0.910	0.363
L7.Tlog	-0.007630	0.020329	-0.375	0.707
L8.p	-0.010426	0.059637	-0.175	0.861
L8.T	0.616753	0.375408	1.643	0.100
L8.Tpot	-0.783447	0.318210	-2.462	0.014
L8.Tdew	0.023708	0.018014	1.316	0.188
L8.rh	-0.002724	0.003121	-0.873	0.383
L8.VPmax	0.164333	0.344824	0.477	0.634
L8.VPact	-0.089921	0.373942	-0.240	0.810
L8.VPdef	-0.112855	0.344933	-0.327	0.744
L8.sh	0.131343	0.482433	0.272	0.785
L8.H2OC	-0.114034	0.343050	-0.332	0.740
L8.rho	-0.027717	0.043137	-0.643	0.521
L8.wv	0.000040	0.000038	1.067	0.286
L8.max. wv	0.000011	0.001171	0.009	0.992
L8.wd	-0.000121	0.000020	-5.997	0.000
L8.rain	0.032928	0.011463	2.872	0.004
L8.raining	-0.000040	0.000017	-2.412	0.016
L8.SWDR	-0.000403	0.000241	-1.668	0.095

L8.PAR	0.000265	0.000125	2.110	0.035
L8.max. PAR	0.000001	0.000004	0.156	0.876
L8.Tlog	0.047721	0.020360	2.344	0.019
L9.p	-0.016397	0.059593	-0.275	0.783
L9.T	0.591674	0.375007	1.578	0.115
L9.Tpot	-0.716427	0.317686	-2.255	0.024
L9.Tdew	-0.031210	0.017996	-1.734	0.083
L9.rh	0.001764	0.003119	0.566	0.572
L9.VPmax	0.009402	0.342343	0.027	0.978
L9.VPact	0.136399	0.371788	0.367	0.714
L9.VPdef	-0.006763	0.342393	-0.020	0.984
L9.sh	-0.196843	0.479205	-0.411	0.681
L9.H2OC	0.018616	0.341632	0.054	0.957
L9.rho	-0.031322	0.043104	-0.727	0.467
L9.wv	0.000035	0.000037	0.928	0.354
L9.max. wv	-0.000802	0.001169	-0.686	0.492
L9.wd	-0.000131	0.000020	-6.472	0.000
L9.rain	-0.000169	0.011423	-0.015	0.988
L9.raining	-0.000034	0.000017	-2.057	0.040
L9.SWDR	-0.000440	0.000241	-1.824	0.068
L9.PAR	0.000253	0.000125	2.017	0.044
L9.max. PAR	0.000003	0.000004	0.700	0.484
L9.Tlog	-0.024751	0.020346	-1.216	0.224
L10.p	0.013260	0.059508	0.223	0.824
L10.T	0.617775	0.373975	1.652	0.099
L10.Tpot	-0.877266	0.316505	-2.772	0.006
L10.Tdew	-0.016851	0.017985	-0.937	0.349
L10.rh	0.003151	0.003119	1.010	0.312
L10.VPmax	-0.113026	0.334980	-0.337	0.736
L10.VPact	0.236386	0.365242	0.647	0.517
L10.VPdef	0.154027	0.334999	0.460	0.646
L10.sh	-0.091971	0.468921	-0.196	0.845
L10.H2OC	-0.032996	0.336417	-0.098	0.922
L10.rho	-0.056520	0.043046	-1.313	0.189
L10.wv	0.000033	0.000037	0.909	0.363
L10.max. wv	0.001879	0.001166	1.612	0.107
L10.wd	-0.000112	0.000020	-5.569	0.000
L10.rain	0.030191	0.011279	2.677	0.007
L10.raining	-0.000038	0.000017	-2.251	0.024
L10.SWDR	-0.000126	0.000241	-0.521	0.602
L10.PAR	0.000116	0.000125	0.923	0.356
L10.max. PAR	0.000006	0.000004	1.556	0.120
L10.Tlog	0.022325	0.020320	1.099	0.272
L11.p	-0.124433	0.059278	-2.099	0.036
L11.T	0.840869	0.370945	2.267	0.023
L11.Tpot	-0.533548	0.313709	-1.701	0.089
L11.Tdew	-0.019082	0.017956	-1.063	0.288
L11.rh	0.002065	0.003115	0.663	0.507
L11.VPmax	-0.296237	0.321747	-0.921	0.357
L11.VPact	0.181538	0.352981	0.514	0.607
L11.VPdef	0.268733	0.321772	0.835	0.404
L11.sh	0.078055	0.450726	0.173	0.863
L11.H2OC	0.070818	0.326762	0.217	0.828
L11.rho	0.062520	0.042979	1.455	0.146
L11.wv	0.000028	0.000035	0.813	0.416
L11.max. wv	0.002978	0.001159	2.568	0.010
L11.wd	-0.000080	0.000020	-4.045	0.000
L11.rain	0.007486	0.011068	0.676	0.499
L11.raining	-0.000026	0.000017	-1.566	0.117
L11.SWDR	-0.000151	0.000240	-0.627	0.531
L11.PAR	0.000113	0.000125	0.903	0.366
L11.max. PAR	0.000006	0.000004	1.605	0.109
L11.Tlog	-0.000889	0.020227	-0.044	0.965
L12.p	-0.097095	0.058795	-1.651	0.099
L12.T	0.744258	0.364404	2.042	0.041
L12.Tpot	-0.509630	0.307675	-1.656	0.098
L12.Tdew	0.008782	0.017941	0.490	0.624
L12.rh	0.005006	0.003115	1.607	0.108
L12.VPmax	-0.344400	0.302436	-1.139	0.255
L12.VPact	0.225967	0.335452	0.674	0.501
L12.VPdef	0.338280	0.302567	1.118	0.264
L12.sh	0.295380	0.424889	0.695	0.487
L12.H2OC	-0.081868	0.312265	-0.262	0.793
L12.rho	0.047779	0.042849	1.115	0.265
L12.wv	0.000013	0.000033	0.395	0.693
L12.max. wv	0.002204	0.001147	1.922	0.055
L12.wd	-0.000099	0.000019	-5.157	0.000
L12.rain	0.009025	0.010839	0.833	0.405
L12.raining	-0.000037	0.000016	-2.237	0.025
L12.SWDR	-0.000257	0.000239	-1.077	0.282
L12.PAR	0.000153	0.000124	1.234	0.217
L12.max. PAR	0.000000	0.000004	0.086	0.931
L12.Tlog	0.001595	0.020184	0.079	0.937
L13.p	-0.022124	0.057853	-0.382	0.702
L13.T	0.774088	0.350726	2.210	0.027

L13.p	0.774200	0.330720	2.310	0.027
L13.Tpot	-0.928264	0.294934	-3.147	0.002
L13.Tdew	-0.040490	0.017894	-2.263	0.024
L13.rh	0.004885	0.003108	1.572	0.116
L13.VPmax	-0.384268	0.275132	-1.397	0.163
L13.VPact	0.103684	0.309574	0.335	0.738
L13.VPdef	0.415729	0.275250	1.510	0.131
L13.sh	0.332415	0.387730	0.857	0.391
L13.H2OC	0.103745	0.291059	0.356	0.722
L13.rho	-0.033239	0.042669	-0.779	0.436
L13.wv	0.000009	0.000029	0.313	0.754
L13.max. wv	0.002611	0.001125	2.320	0.020
L13.wd	-0.000074	0.000018	-4.021	0.000
L13.rain	0.015589	0.010471	1.489	0.137
L13.raining	-0.000032	0.000016	-1.967	0.049
L13.SWDR	-0.000354	0.000237	-1.494	0.135
L13.PAR	0.000187	0.000123	1.520	0.129
L13.max. PAR	0.000002	0.000004	0.620	0.535
L13.Tlog	0.004681	0.020160	0.232	0.816
L14.p	-0.067496	0.056075	-1.204	0.229
L14.T	0.594094	0.323871	1.834	0.067
L14.Tpot	-0.590806	0.269720	-2.190	0.028
L14.Tdew	0.014311	0.017857	0.801	0.423
L14.rh	-0.002708	0.003103	-0.873	0.383
L14.VPmax	-0.236288	0.236553	-0.999	0.318
L14.VPact	0.405704	0.271657	1.493	0.135
L14.VPdef	0.264336	0.236750	1.117	0.264
L14.sh	0.014718	0.333669	0.044	0.965
L14.H2OC	-0.139559	0.258385	-0.540	0.589
L14.rho	0.011320	0.042377	0.267	0.789
L14.wv	0.000019	0.000025	0.780	0.435
L14.max. wv	0.000668	0.001088	0.614	0.539
L14.wd	-0.000071	0.000017	-4.153	0.000
L14.rain	0.004462	0.010010	0.446	0.656
L14.raining	-0.000013	0.000016	-0.848	0.396
L14.SWDR	-0.000317	0.000232	-1.369	0.171
L14.PAR	0.000180	0.000121	1.489	0.136
L14.max. PAR	0.000005	0.000003	1.598	0.110
L14.Tlog	-0.005296	0.019710	-0.269	0.788
L15.p	-0.106948	0.052480	-2.038	0.042
L15.T	0.529123	0.270786	1.954	0.051
L15.Tpot	-0.088505	0.217018	-0.408	0.683
L15.Tdew	-0.020876	0.017156	-1.217	0.224
L15.rh	0.005800	0.002917	1.988	0.047
L15.VPmax	-0.249530	0.176920	-1.410	0.158
L15.VPact	0.192946	0.209997	0.919	0.358
L15.VPdef	0.216056	0.177139	1.220	0.223
L15.sh	-0.008657	0.248572	-0.035	0.972
L15.H2OC	0.072240	0.202221	0.357	0.721
L15.rho	0.088548	0.041680	2.124	0.034
L15.wv	0.000016	0.000018	0.875	0.382
L15.max. wv	0.001808	0.000990	1.826	0.068
L15.wd	-0.000015	0.000015	-1.034	0.301
L15.rain	0.018992	0.009398	2.021	0.043
L15.raining	-0.000022	0.000015	-1.432	0.152
L15.SWDR	0.000264	0.000221	1.194	0.232
L15.PAR	-0.000120	0.000116	-1.040	0.298
L15.max. PAR	-0.000001	0.000003	-0.353	0.724
L15.Tlog	0.030351	0.012653	2.399	0.016

Results for equation Tdew

	coefficient	std. error	t-stat	prob
const	-0.000011	0.000847	-0.013	0.989
L1.p	-0.085424	0.054443	-1.569	0.117
L1.T	0.322210	0.280105	1.150	0.250
L1.Tpot	0.264676	0.224782	1.177	0.239
L1.Tdew	0.248385	0.017881	13.891	0.000
L1.rh	0.009390	0.003046	3.083	0.002
L1.VPmax	-0.188101	0.182749	-1.029	0.303
L1.VPact	-0.619961	0.216834	-2.859	0.004
L1.VPdef	0.089974	0.182872	0.492	0.623
L1.sh	-0.407469	0.256917	-1.586	0.113
L1.H2OC	0.959621	0.208635	4.600	0.000
L1.rho	0.109008	0.043253	2.520	0.012
L1.wv	0.000012	0.000019	0.643	0.520
L1.max. wv	0.001009	0.001007	1.002	0.316
L1.wd	-0.000019	0.000015	-1.239	0.215
L1.rain	-0.055892	0.009684	-5.772	0.000
L1.raining	0.000130	0.000016	8.375	0.000
L1.SWDR	0.001134	0.000226	5.023	0.000
L1.PAR	-0.000604	0.000118	-5.107	0.000
L1.max. PAR	-0.000005	0.000003	-1.526	0.127

L1.Tlog	-0.021533	0.014989	-1.437	0.151
L2.p	-0.023008	0.058051	-0.396	0.692
L2.T	-0.163969	0.335594	-0.489	0.625
L2.Tpot	0.347771	0.279497	1.244	0.213
L2.Tdew	0.057090	0.018562	3.076	0.002
L2.rh	-0.001896	0.003215	-0.590	0.555
L2.VPmax	-0.176922	0.244419	-0.724	0.469
L2.VPact	-0.466448	0.280295	-1.664	0.096
L2.VPdef	0.147974	0.244656	0.605	0.545
L2.sh	-0.470322	0.345282	-1.362	0.173
L2.H2OC	0.823152	0.266121	3.093	0.002
L2.rho	0.036485	0.043801	0.833	0.405
L2.wv	0.000022	0.000026	0.852	0.394
L2.max. wv	0.004650	0.001098	4.237	0.000
L2.wd	0.000044	0.000018	2.497	0.013
L2.rain	0.000281	0.010347	0.027	0.978
L2.raining	0.000046	0.000016	2.861	0.004
L2.SWDR	0.000252	0.000239	1.057	0.291
L2.PAR	-0.000195	0.000125	-1.560	0.119
L2.max. PAR	-0.000009	0.000003	-2.648	0.008
L2.Tlog	0.149438	0.020494	7.292	0.000
L3.p	0.174108	0.059842	2.909	0.004
L3.T	-0.633440	0.363446	-1.743	0.081
L3.Tpot	0.114234	0.306053	0.373	0.709
L3.Tdew	0.031902	0.018595	1.716	0.086
L3.rh	0.005711	0.003220	1.774	0.076
L3.VPmax	-0.403047	0.284375	-1.417	0.156
L3.VPact	0.114062	0.319032	0.358	0.721
L3.VPdef	0.422116	0.284603	1.483	0.138
L3.sh	-0.292186	0.401444	-0.728	0.467
L3.H2OC	0.420222	0.299308	1.404	0.160
L3.rho	-0.123684	0.044065	-2.807	0.005
L3.wv	0.000025	0.000030	0.834	0.404
L3.max. wv	0.003356	0.001144	2.933	0.003
L3.wd	0.000042	0.000019	2.203	0.028
L3.rain	-0.052999	0.010843	-4.888	0.000
L3.raining	0.000047	0.000017	2.828	0.005
L3.SWDR	0.000081	0.000244	0.332	0.740
L3.PAR	-0.000088	0.000127	-0.692	0.489
L3.max. PAR	-0.000010	0.000004	-2.594	0.009
L3.Tlog	-0.074857	0.020852	-3.590	0.000
L4.p	0.098221	0.060825	1.615	0.106
L4.T	-0.313284	0.377709	-0.829	0.407
L4.Tpot	-0.025932	0.319352	-0.081	0.935
L4.Tdew	0.066616	0.018618	3.578	0.000
L4.rh	-0.003161	0.003225	-0.980	0.327
L4.VPmax	-0.277243	0.312694	-0.887	0.375
L4.VPact	0.067192	0.345572	0.194	0.846
L4.VPdef	0.297068	0.312952	0.949	0.342
L4.sh	-0.242054	0.439951	-0.550	0.582
L4.H2OC	0.298085	0.320974	0.929	0.353
L4.rho	-0.071064	0.044256	-1.606	0.108
L4.wv	0.000029	0.000034	0.846	0.398
L4.max. wv	0.003543	0.001173	3.020	0.003
L4.wd	0.000036	0.000020	1.828	0.068
L4.rain	0.002341	0.011222	0.209	0.835
L4.raining	0.000054	0.000017	3.185	0.001
L4.SWDR	-0.000175	0.000246	-0.710	0.477
L4.PAR	0.000046	0.000128	0.355	0.723
L4.max. PAR	-0.000002	0.000004	-0.597	0.550
L4.Tlog	0.003032	0.020862	0.145	0.884
L5.p	0.108012	0.061302	1.762	0.078
L5.T	-0.396371	0.384185	-1.032	0.302
L5.Tpot	0.035022	0.325566	0.108	0.914
L5.Tdew	0.040630	0.018625	2.181	0.029
L5.rh	0.000279	0.003225	0.087	0.931
L5.VPmax	-0.241416	0.332526	-0.726	0.468
L5.VPact	-0.219831	0.363862	-0.604	0.546
L5.VPdef	0.239811	0.332766	0.721	0.471
L5.sh	0.202277	0.466774	0.433	0.665
L5.H2OC	0.264593	0.335699	0.788	0.431
L5.rho	-0.084693	0.044388	-1.908	0.056
L5.wv	0.000036	0.000036	0.997	0.319
L5.max. wv	0.002883	0.001191	2.421	0.015
L5.wd	0.000054	0.000020	2.624	0.009
L5.rain	0.028631	0.011456	2.499	0.012
L5.raining	0.000047	0.000017	2.764	0.006
L5.SWDR	-0.000241	0.000248	-0.973	0.331
L5.PAR	0.000076	0.000129	0.587	0.557
L5.max. PAR	0.000003	0.000004	0.636	0.525
L5.Tlog	0.009167	0.020882	0.439	0.661
L6.p	-0.025379	0.061495	-0.413	0.680
L6.T	0.142111	0.386923	0.367	0.713
L6.Tpot	0.005491	0.328119	0.017	0.987
L6.Tdew	-0.052642	0.018632	-2.825	0.005

L6.rh	0.009937	0.003226	3.080	0.002
L6.VPmax	-0.145111	0.346228	-0.419	0.675
L6.VPact	0.116675	0.376574	0.310	0.757
L6.VPdef	0.107202	0.346439	0.309	0.757
L6.sh	0.111055	0.485191	0.229	0.819
L6.H2OC	-0.051831	0.346211	-0.150	0.881
L6.rho	0.013725	0.044460	0.309	0.758
L6.wv	0.000051	0.000038	1.357	0.175
L6.max. wv	0.002815	0.001201	2.344	0.019
L6.wd	0.000053	0.000021	2.557	0.011
L6.rain	-0.008941	0.011673	-0.766	0.444
L6.raining	0.000041	0.000017	2.394	0.017
L6.SWDR	-0.000614	0.000249	-2.470	0.014
L6.PAR	0.000287	0.000129	2.222	0.026
L6.max. PAR	-0.000003	0.000004	-0.787	0.431
L6.Tlog	0.091584	0.020991	4.363	0.000
L7.p	-0.088706	0.061580	-1.441	0.150
L7.T	0.647051	0.387778	1.669	0.095
L7.Tpot	-0.310873	0.328856	-0.945	0.344
L7.Tdew	0.008746	0.018624	0.470	0.639
L7.rh	-0.000272	0.003225	-0.084	0.933
L7.VPmax	-0.206056	0.353717	-0.583	0.560
L7.VPact	-0.203808	0.383809	-0.531	0.595
L7.VPdef	0.141704	0.353848	0.400	0.689
L7.sh	0.280465	0.495365	0.566	0.571
L7.H2OC	0.179186	0.352471	0.508	0.611
L7.rho	0.065722	0.044517	1.476	0.140
L7.wv	0.000058	0.000039	1.510	0.131
L7.max. wv	0.004061	0.001207	3.365	0.001
L7.wd	0.000027	0.000021	1.290	0.197
L7.rain	-0.037853	0.011802	-3.207	0.001
L7.raining	0.000075	0.000017	4.316	0.000
L7.SWDR	-0.000684	0.000249	-2.746	0.006
L7.PAR	0.000320	0.000130	2.472	0.013
L7.max. PAR	-0.000008	0.000004	-1.824	0.068
L7.Tlog	-0.119658	0.021002	-5.698	0.000
L8.p	-0.086990	0.061611	-1.412	0.158
L8.T	0.511107	0.387835	1.318	0.188
L8.Tpot	-0.186149	0.328743	-0.566	0.571
L8.Tdew	0.041085	0.018611	2.208	0.027
L8.rh	0.000648	0.003225	0.201	0.841
L8.VPmax	-0.381195	0.356238	-1.070	0.285
L8.VPact	-0.122720	0.386320	-0.318	0.751
L8.VPdef	0.328680	0.356351	0.922	0.356
L8.sh	0.242268	0.498403	0.486	0.627
L8.H2OC	0.293115	0.354406	0.827	0.408
L8.rho	0.063740	0.044564	1.430	0.153
L8.wv	0.000044	0.000039	1.125	0.261
L8.max. wv	0.004922	0.001209	4.070	0.000
L8.wd	0.000025	0.000021	1.173	0.241
L8.rain	-0.014459	0.011843	-1.221	0.222
L8.raining	0.000049	0.000017	2.849	0.004
L8.SWDR	-0.000562	0.000249	-2.255	0.024
L8.PAR	0.000232	0.000130	1.788	0.074
L8.max. PAR	-0.000007	0.000004	-1.634	0.102
L8.Tlog	0.093263	0.021033	4.434	0.000
L9.p	-0.090841	0.061566	-1.476	0.140
L9.T	0.269732	0.387421	0.696	0.486
L9.Tpot	0.073273	0.328202	0.223	0.823
L9.Tdew	-0.019850	0.018592	-1.068	0.286
L9.rh	0.003854	0.003222	1.196	0.232
L9.VPmax	-0.099067	0.353676	-0.280	0.779
L9.VPact	-0.153370	0.384095	-0.399	0.690
L9.VPdef	0.076334	0.353728	0.216	0.829
L9.sh	0.323187	0.495068	0.653	0.514
L9.H2OC	0.071062	0.352941	0.201	0.840
L9.rho	0.070730	0.044531	1.588	0.112
L9.wv	0.000046	0.000039	1.195	0.232
L9.max. wv	0.003707	0.001208	3.070	0.002
L9.wd	0.000018	0.000021	0.870	0.385
L9.rain	-0.017147	0.011801	-1.453	0.146
L9.raining	0.000054	0.000017	3.114	0.002
L9.SWDR	-0.001513	0.000249	-6.068	0.000
L9.PAR	0.000744	0.000130	5.744	0.000
L9.max. PAR	-0.000000	0.000004	-0.098	0.922
L9.Tlog	-0.053716	0.021020	-2.556	0.011
L10.p	0.068871	0.061478	1.120	0.263
L10.T	-0.193812	0.386354	-0.502	0.616
L10.Tpot	-0.095506	0.326982	-0.292	0.770
L10.Tdew	-0.010472	0.018581	-0.564	0.573
L10.rh	0.000759	0.003222	0.236	0.814
L10.VPmax	-0.193320	0.346069	-0.559	0.576
L10.VPact	-0.223030	0.377332	-0.591	0.554
L10.VPdef	0.205538	0.346088	0.594	0.553
L10.sh	0.413933	0.484443	0.854	0.393

L10.H2OC	0.133218	0.347553	0.383	0.701
L10.rho	-0.066898	0.044471	-1.504	0.133
L10.wv	0.000046	0.000038	1.228	0.219
L10.max. wv	0.003269	0.001205	2.714	0.007
L10.wd	0.000005	0.000021	0.236	0.813
L10.rain	-0.029273	0.011652	-2.512	0.012
L10.raining	0.000036	0.000017	2.107	0.035
L10.SWDR	-0.000639	0.000249	-2.566	0.010
L10.PAR	0.000296	0.000130	2.284	0.022
L10.max. PAR	-0.000009	0.000004	-2.089	0.037
L10.Tlog	-0.019151	0.020993	-0.912	0.362
L11.p	0.052255	0.061241	0.853	0.394
L11.T	-0.069301	0.383224	-0.181	0.856
L11.Tpot	-0.328347	0.324094	-1.013	0.311
L11.Tdew	0.061659	0.018550	3.324	0.001
L11.rh	-0.008101	0.003218	-2.517	0.012
L11.VPmax	-0.099658	0.332398	-0.300	0.764
L11.VPact	0.233236	0.364666	0.640	0.522
L11.VPdef	0.155540	0.332423	0.468	0.640
L11.sh	0.619469	0.465646	1.330	0.183
L11.H2OC	-0.510423	0.337578	-1.512	0.131
L11.rho	-0.071310	0.044402	-1.606	0.108
L11.wv	0.000037	0.000036	1.023	0.306
L11.max. wv	0.003551	0.001198	2.965	0.003
L11.wd	0.000027	0.000020	1.298	0.194
L11.rain	0.018173	0.011435	1.589	0.112
L11.raining	0.000036	0.000017	2.078	0.038
L11.SWDR	-0.000779	0.000248	-3.136	0.002
L11.PAR	0.000361	0.000129	2.795	0.005
L11.max. PAR	-0.000009	0.000004	-2.362	0.018
L11.Tlog	0.020367	0.020896	0.975	0.330
L12.p	0.016785	0.060741	0.276	0.782
L12.T	0.071933	0.376467	0.191	0.848
L12.Tpot	-0.282353	0.317860	-0.888	0.374
L12.Tdew	0.024789	0.018534	1.337	0.181
L12.rh	-0.004394	0.003218	-1.365	0.172
L12.VPmax	0.148366	0.312447	0.475	0.635
L12.VPact	-0.064102	0.346556	-0.185	0.853
L12.VPdef	-0.114896	0.312583	-0.368	0.713
L12.sh	0.459146	0.438954	1.046	0.296
L12.H2OC	-0.360775	0.322602	-1.118	0.263
L12.rho	-0.035232	0.044267	-0.796	0.426
L12.wv	0.000020	0.000034	0.593	0.553
L12.max. wv	0.001826	0.001185	1.541	0.123
L12.wd	0.000041	0.000020	2.061	0.039
L12.rain	-0.013793	0.011198	-1.232	0.218
L12.raining	0.000042	0.000017	2.500	0.012
L12.SWDR	-0.000506	0.000247	-2.047	0.041
L12.PAR	0.000226	0.000129	1.756	0.079
L12.max. PAR	-0.000007	0.000004	-1.870	0.062
L12.Tlog	-0.071862	0.020853	-3.446	0.001
L13.p	0.002977	0.059768	0.050	0.960
L13.T	-0.047306	0.362336	-0.131	0.896
L13.Tpot	0.009928	0.304697	0.033	0.974
L13.Tdew	-0.032621	0.018486	-1.765	0.078
L13.rh	0.002957	0.003211	0.921	0.357
L13.VPmax	0.282441	0.284239	0.994	0.320
L13.VPact	-0.134228	0.319822	-0.420	0.675
L13.VPdef	-0.291620	0.284361	-1.026	0.305
L13.sh	0.196839	0.400565	0.491	0.623
L13.H2OC	-0.245954	0.300694	-0.818	0.413
L13.rho	-0.013303	0.044081	-0.302	0.763
L13.wv	0.000015	0.000030	0.494	0.622
L13.max. wv	0.001070	0.001163	0.920	0.358
L13.wd	0.000003	0.000019	0.178	0.859
L13.rain	-0.024958	0.010818	-2.307	0.021
L13.raining	0.000017	0.000017	0.990	0.322
L13.SWDR	-0.000227	0.000245	-0.930	0.353
L13.PAR	0.000094	0.000127	0.737	0.461
L13.max. PAR	-0.000007	0.000004	-1.918	0.055
L13.Tlog	0.052688	0.020827	2.530	0.011
L14.p	-0.066554	0.057931	-1.149	0.251
L14.T	0.210471	0.334592	0.629	0.529
L14.Tpot	0.073039	0.278648	0.262	0.793
L14.Tdew	-0.018734	0.018448	-1.016	0.310
L14.rh	0.001775	0.003206	0.554	0.580
L14.VPmax	0.306652	0.244384	1.255	0.210
L14.VPact	-0.373344	0.280650	-1.330	0.183
L14.VPdef	-0.323975	0.244587	-1.325	0.185
L14.sh	0.325514	0.344715	0.944	0.345
L14.H2OC	-0.139061	0.266939	-0.521	0.602
L14.rho	0.059599	0.043780	1.361	0.173
L14.wv	0.000023	0.000026	0.876	0.381
L14.max. wv	0.000716	0.001124	0.637	0.524
L14.wd	0.000002	0.000010	0.112	0.811

L14.rain	-0.006906	0.010341	-0.668	0.504
L14.raining	0.000012	0.000016	0.725	0.469
L14.SWDR	0.000094	0.000240	0.391	0.696
L14.PAR	-0.000081	0.000125	-0.645	0.519
L14.max. PAR	-0.000005	0.000003	-1.529	0.126
L14.Tlog	-0.039559	0.020362	-1.943	0.052
L15.p	-0.086629	0.054218	-1.598	0.110
L15.T	0.242501	0.279749	0.867	0.386
L15.Tpot	-0.038897	0.224202	-0.173	0.862
L15.Tdew	0.043049	0.017724	2.429	0.015
L15.rh	-0.003147	0.003013	-1.045	0.296
L15.VPmax	0.155881	0.182777	0.853	0.394
L15.VPact	-0.317192	0.216949	-1.462	0.144
L15.VPdef	-0.173091	0.183003	-0.946	0.344
L15.sh	0.152281	0.256800	0.593	0.553
L15.H2OC	0.039154	0.208915	0.187	0.851
L15.rho	0.048513	0.043060	1.127	0.260
L15.wv	0.000020	0.000019	1.076	0.282
L15.max. wv	0.000907	0.001023	0.887	0.375
L15.wd	0.000008	0.000015	0.532	0.594
L15.rain	-0.025098	0.009709	-2.585	0.010
L15.raining	0.000028	0.000016	1.824	0.068
L15.SWDR	0.000096	0.000228	0.422	0.673
L15.PAR	-0.000092	0.000119	-0.771	0.441
L15.max. PAR	-0.000008	0.000003	-2.675	0.007
L15.Tlog	0.026303	0.013072	2.012	0.044

Results for equation rh

	coefficient	std. error	t-stat	prob
const	-0.000013	0.004791	-0.003	0.998
L1.p	0.708462	0.307836	2.301	0.021
L1.T	0.195780	1.583790	0.124	0.902
L1.Tpot	-1.102281	1.270984	-0.867	0.386
L1.Tdew	-0.508688	0.101107	-5.031	0.000
L1.rh	0.433681	0.017222	25.181	0.000
L1.VPmax	-0.682419	1.033314	-0.660	0.509
L1.VPact	-1.830847	1.226040	-1.493	0.135
L1.VPdef	1.376687	1.034008	1.331	0.183
L1.sh	-0.440987	1.452679	-0.304	0.761
L1.H2OC	3.537542	1.179679	2.999	0.003
L1.rho	-0.032189	0.244565	-0.132	0.895
L1.wv	0.000110	0.000107	1.033	0.302
L1.max. wv	0.101951	0.005694	17.905	0.000
L1.wd	-0.000759	0.000086	-8.843	0.000
L1.rain	0.335615	0.054755	6.129	0.000
L1.raining	0.002320	0.000088	26.449	0.000
L1.SWDR	0.000928	0.001277	0.726	0.468
L1.PAR	-0.002554	0.000669	-3.820	0.000
L1.max. PAR	-0.000103	0.000017	-6.149	0.000
L1.Tlog	-0.509595	0.084754	-6.013	0.000
L2.p	-0.103488	0.328236	-0.315	0.753
L2.T	-0.495084	1.897543	-0.261	0.794
L2.Tpot	1.684938	1.580353	1.066	0.286
L2.Tdew	0.675483	0.104953	6.436	0.000
L2.rh	-0.136989	0.018177	-7.537	0.000
L2.VPmax	-1.335738	1.382015	-0.967	0.334
L2.VPact	-2.156006	1.584870	-1.360	0.174
L2.VPdef	1.010957	1.383354	0.731	0.465
L2.sh	-0.167069	1.952320	-0.086	0.932
L2.H2OC	2.689008	1.504725	1.787	0.074
L2.rho	0.225186	0.247661	0.909	0.363
L2.wv	0.000109	0.000146	0.744	0.457
L2.max. wv	0.037893	0.006207	6.105	0.000
L2.wd	0.000079	0.000099	0.800	0.424
L2.rain	0.143935	0.058503	2.460	0.014
L2.raining	0.001177	0.000092	12.851	0.000
L2.SWDR	0.001828	0.001350	1.354	0.176
L2.PAR	-0.001463	0.000705	-2.074	0.038
L2.max. PAR	-0.000077	0.000019	-3.990	0.000
L2.Tlog	0.356129	0.115878	3.073	0.002
L3.p	0.259120	0.338364	0.766	0.444
L3.T	-2.775353	2.055024	-1.351	0.177
L3.Tpot	1.880124	1.730511	1.086	0.277
L3.Tdew	0.031670	0.105140	0.301	0.763
L3.rh	0.063242	0.018208	3.473	0.001
L3.VPmax	-1.969131	1.607939	-1.225	0.221
L3.VPact	0.585700	1.803900	0.325	0.745
L3.VPdef	2.214536	1.609225	1.376	0.169
L3.sh	0.134007	2.269876	0.059	0.953
L3.H2OC	1.266845	1.692372	0.749	0.454
L3.rho	-0.145963	0.249153	-0.586	0.558

L3.wv	0.000084	0.000172	0.486	0.627
L3.max. wv	0.038844	0.006469	6.004	0.000
L3.wd	0.000350	0.000107	3.267	0.001
L3.rain	-0.231838	0.061307	-3.782	0.000
L3.raining	0.001045	0.000095	11.061	0.000
L3.SWDR	0.003691	0.001378	2.678	0.007
L3.PAR	-0.002635	0.000719	-3.668	0.000
L3.max. PAR	-0.000072	0.000021	-3.390	0.001
L3.Tlog	-0.270584	0.117901	-2.295	0.022
L4.p	-0.063211	0.343920	-0.184	0.854
L4.T	0.031097	2.135673	0.015	0.988
L4.Tpot	0.726932	1.805707	0.403	0.687
L4.Tdew	0.185541	0.105270	1.763	0.078
L4.rh	0.001273	0.018238	0.070	0.944
L4.VPmax	-1.903794	1.768059	-1.077	0.282
L4.VPact	-0.008830	1.953960	-0.005	0.996
L4.VPdef	1.748342	1.769521	0.988	0.323
L4.sh	0.602904	2.487607	0.242	0.808
L4.H2OC	1.143628	1.814876	0.630	0.529
L4.rho	0.143359	0.250235	0.573	0.567
L4.wv	0.000117	0.000191	0.615	0.538
L4.max. wv	0.030297	0.006635	4.567	0.000
L4.wd	0.000524	0.000112	4.679	0.000
L4.rain	-0.039508	0.063451	-0.623	0.534
L4.raining	0.000957	0.000096	9.986	0.000
L4.SWDR	0.002448	0.001394	1.757	0.079
L4.PAR	-0.001811	0.000726	-2.495	0.013
L4.max. PAR	-0.000068	0.000022	-3.092	0.002
L4.Tlog	-0.068581	0.117961	-0.581	0.561
L5.p	0.287847	0.346616	0.830	0.406
L5.T	-1.164111	2.172290	-0.536	0.592
L5.Tpot	-0.011555	1.840845	-0.006	0.995
L5.Tdew	0.053807	0.105313	0.511	0.609
L5.rh	0.027101	0.018236	1.486	0.137
L5.VPmax	-1.917118	1.880199	-1.020	0.308
L5.VPact	-1.941113	2.057377	-0.943	0.345
L5.VPdef	1.913015	1.881553	1.017	0.309
L5.sh	1.143482	2.639274	0.433	0.665
L5.H2OC	2.738267	1.898135	1.443	0.149
L5.rho	-0.267759	0.250981	-1.067	0.286
L5.wv	0.000067	0.000204	0.329	0.742
L5.max. wv	0.025201	0.006733	3.743	0.000
L5.wd	0.000572	0.000115	4.957	0.000
L5.rain	0.179350	0.064773	2.769	0.006
L5.raining	0.000749	0.000097	7.723	0.000
L5.SWDR	0.003909	0.001401	2.790	0.005
L5.PAR	-0.002488	0.000729	-3.414	0.001
L5.max. PAR	-0.000024	0.000023	-1.060	0.289
L5.Tlog	-0.014715	0.118071	-0.125	0.901
L6.p	-0.578717	0.347711	-1.664	0.096
L6.T	1.358152	2.187772	0.621	0.535
L6.Tpot	0.718518	1.855279	0.387	0.699
L6.Tdew	-0.213426	0.105349	-2.026	0.043
L6.rh	0.037551	0.018244	2.058	0.040
L6.VPmax	-0.699723	1.957672	-0.357	0.721
L6.VPact	-1.480635	2.129254	-0.695	0.487
L6.VPdef	0.417412	1.958866	0.213	0.831
L6.sh	0.286709	2.743409	0.105	0.917
L6.H2OC	1.870225	1.957574	0.955	0.339
L6.rho	0.392031	0.251388	1.559	0.119
L6.wv	0.000090	0.000213	0.424	0.672
L6.max. wv	0.011994	0.006789	1.767	0.077
L6.wd	0.000643	0.000117	5.493	0.000
L6.rain	-0.049123	0.066005	-0.744	0.457
L6.raining	0.000570	0.000098	5.838	0.000
L6.SWDR	0.000845	0.001406	0.601	0.548
L6.PAR	-0.000725	0.000731	-0.992	0.321
L6.max. PAR	-0.000037	0.000023	-1.612	0.107
L6.Tlog	0.156906	0.118687	1.322	0.186
L7.p	-0.386357	0.348189	-1.110	0.267
L7.T	1.387786	2.192605	0.633	0.527
L7.Tpot	0.771550	1.859443	0.415	0.678
L7.Tdew	0.039912	0.105307	0.379	0.705
L7.rh	0.018757	0.018235	1.029	0.304
L7.VPmax	-1.146199	2.000016	-0.573	0.567
L7.VPact	-0.106755	2.170163	-0.049	0.961
L7.VPdef	0.840972	2.000757	0.420	0.674
L7.sh	-0.976710	2.800935	-0.349	0.727
L7.H2OC	1.488958	1.992969	0.747	0.455
L7.rho	0.438861	0.251709	1.744	0.081
L7.wv	0.000025	0.000219	0.115	0.908
L7.max. wv	0.021258	0.006824	3.115	0.002
L7.wd	0.000503	0.000118	4.260	0.000
L7.rain	-0.217545	0.066731	-3.260	0.001
L7.raining	0.000646	0.000098	6.597	0.000

L7.SWDR	-0.000393	0.001409	-0.279	0.780
L7.PAR	-0.000083	0.000732	-0.114	0.909
L7.max. PAR	-0.000051	0.000024	-2.169	0.030
L7.Tlog	-0.286264	0.118749	-2.411	0.016
L8.p	-0.368993	0.348364	-1.059	0.290
L8.T	0.560131	2.192931	0.255	0.798
L8.Tpot	1.467179	1.858808	0.789	0.430
L8.Tdew	-0.080971	0.105230	-0.769	0.442
L8.rh	0.041727	0.018233	2.289	0.022
L8.VPmax	-1.589031	2.014273	-0.789	0.430
L8.VPact	0.141785	2.184363	0.065	0.948
L8.VPdef	1.200696	2.014908	0.596	0.551
L8.sh	-0.444801	2.818112	-0.158	0.875
L8.H2OC	1.419993	2.003910	0.709	0.479
L8.rho	0.358361	0.251980	1.422	0.155
L8.wv	0.000013	0.000220	0.057	0.954
L8.max. wv	0.021914	0.006838	3.205	0.001
L8.wd	0.000558	0.000118	4.719	0.000
L8.rain	-0.188082	0.066963	-2.809	0.005
L8.raining	0.000413	0.000098	4.213	0.000
L8.SWDR	-0.000123	0.001410	-0.087	0.930
L8.PAR	-0.000265	0.000733	-0.361	0.718
L8.max. PAR	-0.000044	0.000024	-1.835	0.067
L8.Tlog	0.044989	0.118929	0.378	0.705
L9.p	-0.329731	0.348110	-0.947	0.344
L9.T	-0.775108	2.190586	-0.354	0.723
L9.Tpot	2.611055	1.855746	1.407	0.159
L9.Tdew	-0.050016	0.105123	-0.476	0.634
L9.rh	0.032960	0.018220	1.809	0.070
L9.VPmax	-0.774211	1.999782	-0.387	0.699
L9.VPact	-0.038508	2.171780	-0.018	0.986
L9.VPdef	0.660969	2.000075	0.330	0.741
L9.sh	1.812462	2.799256	0.647	0.517
L9.H2OC	-0.436117	1.995627	-0.219	0.827
L9.rho	0.367428	0.251790	1.459	0.144
L9.wv	0.000056	0.000219	0.258	0.797
L9.max. wv	0.019458	0.006828	2.850	0.004
L9.wd	0.000612	0.000118	5.182	0.000
L9.rain	-0.103965	0.066726	-1.558	0.119
L9.raining	0.000383	0.000098	3.913	0.000
L9.SWDR	-0.003748	0.001410	-2.658	0.008
L9.PAR	0.001791	0.000733	2.444	0.015
L9.max. PAR	-0.000022	0.000024	-0.932	0.351
L9.Tlog	-0.081809	0.118852	-0.688	0.491
L10.p	0.209434	0.347612	0.602	0.547
L10.T	-2.950466	2.184557	-1.351	0.177
L10.Tpot	2.550933	1.848848	1.380	0.168
L10.Tdew	0.004495	0.105061	0.043	0.966
L10.rh	0.000607	0.018218	0.033	0.973
L10.VPmax	-1.157859	1.956769	-0.592	0.554
L10.VPact	-0.362717	2.133542	-0.170	0.865
L10.VPdef	1.107990	1.956881	0.566	0.571
L10.sh	1.145732	2.739180	0.418	0.676
L10.H2OC	0.598397	1.965163	0.305	0.761
L10.rho	-0.104197	0.251453	-0.414	0.679
L10.wv	0.000073	0.000213	0.341	0.733
L10.max. wv	0.005010	0.006811	0.736	0.462
L10.wd	0.000450	0.000117	3.837	0.000
L10.rain	-0.258493	0.065886	-3.923	0.000
L10.raining	0.000296	0.000098	3.035	0.002
L10.SWDR	-0.000526	0.001409	-0.373	0.709
L10.PAR	0.000022	0.000733	0.030	0.976
L10.max. PAR	-0.000045	0.000023	-1.951	0.051
L10.Tlog	-0.118800	0.118701	-1.001	0.317
L11.p	0.716413	0.346272	2.069	0.039
L11.T	-2.913911	2.166856	-1.345	0.179
L11.Tpot	-0.041042	1.832519	-0.022	0.982
L11.Tdew	0.171691	0.104889	1.637	0.102
L11.rh	-0.012829	0.018198	-0.705	0.481
L11.VPmax	0.246641	1.879471	0.131	0.896
L11.VPact	1.304163	2.061924	0.632	0.527
L11.VPdef	0.055504	1.879616	0.030	0.976
L11.sh	1.784896	2.632893	0.678	0.498
L11.H2OC	-2.680912	1.908763	-1.405	0.160
L11.rho	-0.601286	0.251061	-2.395	0.017
L11.wv	0.000051	0.000204	0.250	0.803
L11.max. wv	-0.001599	0.006772	-0.236	0.813
L11.wd	0.000433	0.000116	3.746	0.000
L11.rain	0.071002	0.064656	1.098	0.272
L11.raining	0.000219	0.000097	2.264	0.024
L11.SWDR	-0.001914	0.001404	-1.364	0.173
L11.PAR	0.000829	0.000730	1.135	0.256
L11.max. PAR	-0.000051	0.000023	-2.258	0.024
L11.Tlog	0.068383	0.118152	0.579	0.563
L12.n	0.230267	0.343447	0.670	0.503

L12.T	-1.503105	2.128649	-0.706	0.480
L12.Tpot	0.387382	1.797270	0.216	0.829
L12.Tdew	0.081602	0.104799	0.779	0.436
L12.rh	-0.043954	0.018194	-2.416	0.016
L12.VPmax	1.665673	1.766665	0.943	0.346
L12.VPact	-0.361017	1.959527	-0.184	0.854
L12.VPdef	-1.575763	1.767433	-0.892	0.373
L12.sh	0.289296	2.481972	0.117	0.907
L12.H2OC	-1.356495	1.824082	-0.744	0.457
L12.rho	-0.191072	0.250300	-0.763	0.445
L12.wv	0.000041	0.000191	0.216	0.829
L12.max. wv	-0.005036	0.006700	-0.752	0.452
L12.wd	0.000559	0.000112	4.983	0.000
L12.rain	-0.089645	0.063315	-1.416	0.157
L12.raining	0.000324	0.000096	3.384	0.001
L12.SWDR	-0.000474	0.001397	-0.340	0.734
L12.PAR	0.000176	0.000727	0.242	0.809
L12.max. PAR	-0.000025	0.000022	-1.152	0.249
L12.Tlog	-0.204000	0.117906	-1.730	0.084
L13.p	0.072612	0.337947	0.215	0.830
L13.T	-2.885054	2.048750	-1.408	0.159
L13.Tpot	3.287478	1.722843	1.908	0.056
L13.Tdew	-0.027423	0.104524	-0.262	0.793
L13.rh	0.007000	0.018153	0.386	0.700
L13.VPmax	2.125519	1.607170	1.323	0.186
L13.VPact	0.052191	1.808362	0.029	0.977
L13.VPdef	-2.284701	1.607858	-1.421	0.155
L13.sh	-0.461074	2.264909	-0.204	0.839
L13.H2OC	-1.881386	1.700209	-1.107	0.268
L13.rho	0.049390	0.249247	0.198	0.843
L13.wv	0.000040	0.000172	0.235	0.815
L13.max. wv	-0.007590	0.006574	-1.154	0.248
L13.wd	0.000294	0.000107	2.746	0.006
L13.rain	-0.190582	0.061166	-3.116	0.002
L13.raining	0.000195	0.000094	2.070	0.038
L13.SWDR	0.001543	0.001383	1.116	0.264
L13.PAR	-0.000812	0.000720	-1.127	0.260
L13.max. PAR	-0.000036	0.000021	-1.691	0.091
L13.Tlog	0.161131	0.117763	1.368	0.171
L14.p	0.004124	0.327558	0.013	0.990
L14.T	-1.101648	1.891877	-0.582	0.560
L14.Tpot	2.130957	1.575555	1.353	0.176
L14.Tdew	-0.071891	0.104310	-0.689	0.491
L14.rh	0.007460	0.018126	0.412	0.681
L14.VPmax	2.058680	1.381816	1.490	0.136
L14.VPact	-2.276058	1.586872	-1.434	0.151
L14.VPdef	-2.238774	1.382962	-1.619	0.105
L14.sh	0.987761	1.949113	0.507	0.612
L14.H2OC	-0.568277	1.509347	-0.377	0.707
L14.rho	0.177930	0.247545	0.719	0.472
L14.wv	0.000018	0.000146	0.121	0.904
L14.max. wv	0.000075	0.006355	0.012	0.991
L14.wd	0.000318	0.000100	3.197	0.001
L14.rain	-0.041705	0.058473	-0.713	0.476
L14.raining	0.000091	0.000091	0.996	0.319
L14.SWDR	0.002641	0.001355	1.950	0.051
L14.PAR	-0.001505	0.000706	-2.131	0.033
L14.max. PAR	-0.000026	0.000019	-1.326	0.185
L14.Tlog	-0.109524	0.115133	-0.951	0.341
L15.p	0.138880	0.306562	0.453	0.651
L15.T	-1.038069	1.581782	-0.656	0.512
L15.Tpot	-0.371775	1.267703	-0.293	0.769
L15.Tdew	0.216568	0.100218	2.161	0.031
L15.rh	-0.032746	0.017038	-1.922	0.055
L15.VPmax	1.302277	1.033471	1.260	0.208
L15.VPact	-1.123270	1.226690	-0.916	0.360
L15.VPdef	-1.190560	1.034748	-1.151	0.250
L15.sh	0.248337	1.452021	0.171	0.864
L15.H2OC	-0.433399	1.181267	-0.367	0.714
L15.rho	-0.261533	0.243472	-1.074	0.283
L15.wv	0.000022	0.000107	0.208	0.835
L15.max. wv	-0.003535	0.005783	-0.611	0.541
L15.wd	0.000074	0.000086	0.864	0.387
L15.rain	-0.208987	0.054900	-3.807	0.000
L15.raining	0.000222	0.000088	2.530	0.011
L15.SWDR	-0.000386	0.001290	-0.299	0.765
L15.PAR	0.000012	0.000675	0.018	0.986
L15.max. PAR	-0.000018	0.000017	-1.075	0.282
L15.Tlog	-0.020222	0.073912	-0.274	0.784

Results for equation VPmax

coefficient	std. error	t-stat	prob
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const	-0.000044	0.000983	-0.045	0.964
L1.p	-0.616772	0.063125	-9.771	0.000
L1.T	1.107999	0.324774	3.412	0.001
L1.Tpot	0.983082	0.260629	3.772	0.000
L1.Tdew	0.111950	0.020733	5.400	0.000
L1.rh	-0.009797	0.003532	-2.774	0.006
L1.VPmax	-0.361326	0.211893	-1.705	0.088
L1.VPact	-0.123618	0.251413	-0.492	0.623
L1.VPdef	0.389104	0.212035	1.835	0.066
L1.sh	0.341437	0.297888	1.146	0.252
L1.H2OC	0.210879	0.241906	0.872	0.383
L1.rho	0.427875	0.050151	8.532	0.000
L1.wv	0.000001	0.000022	0.030	0.976
L1.max. wv	-0.035069	0.001168	-30.035	0.000
L1.wd	0.000145	0.000018	8.263	0.000
L1.rain	-0.132429	0.011228	-11.794	0.000
L1.raining	-0.000240	0.000018	-13.371	0.000
L1.SWDR	-0.001820	0.000262	-6.949	0.000
L1.PAR	0.001718	0.000137	12.528	0.000
L1.max. PAR	0.000021	0.000003	6.249	0.000
L1.Tlog	0.074224	0.017380	4.271	0.000
L2.p	-0.012256	0.067308	-0.182	0.856
L2.T	0.103389	0.389112	0.266	0.790
L2.Tpot	0.025962	0.324069	0.080	0.936
L2.Tdew	-0.122573	0.021522	-5.695	0.000
L2.rh	0.022233	0.003727	5.965	0.000
L2.VPmax	-0.103870	0.283398	-0.367	0.714
L2.VPact	-0.143938	0.324995	-0.443	0.658
L2.VPdef	0.039149	0.283672	0.138	0.890
L2.sh	0.168299	0.400345	0.420	0.674
L2.H2OC	0.225397	0.308561	0.730	0.465
L2.rho	0.009129	0.050786	0.180	0.857
L2.wv	-0.000004	0.000030	-0.142	0.887
L2.max. wv	-0.004668	0.001273	-3.667	0.000
L2.wd	-0.000037	0.000020	-1.827	0.068
L2.rain	-0.040589	0.011997	-3.383	0.001
L2.raining	-0.000135	0.000019	-7.181	0.000
L2.SWDR	-0.000450	0.000277	-1.624	0.104
L2.PAR	0.000316	0.000145	2.182	0.029
L2.max. PAR	0.000010	0.000004	2.514	0.012
L2.Tlog	0.058428	0.023762	2.459	0.014
L3.p	0.044741	0.069385	0.645	0.519
L3.T	0.025947	0.421405	0.062	0.951
L3.Tpot	-0.181271	0.354860	-0.511	0.609
L3.Tdew	-0.026522	0.021560	-1.230	0.219
L3.rh	0.003051	0.003734	0.817	0.414
L3.VPmax	-0.092761	0.329726	-0.281	0.778
L3.VPact	-0.154014	0.369910	-0.416	0.677
L3.VPdef	0.132861	0.329989	0.403	0.687
L3.sh	0.405961	0.465463	0.872	0.383
L3.H2OC	0.043947	0.347040	0.127	0.899
L3.rho	-0.041952	0.051092	-0.821	0.412
L3.wv	-0.000004	0.000035	-0.112	0.910
L3.max. wv	-0.006567	0.001327	-4.950	0.000
L3.wd	-0.000066	0.000022	-3.010	0.003
L3.rain	0.007924	0.012572	0.630	0.529
L3.raining	-0.000151	0.000019	-7.800	0.000
L3.SWDR	-0.001602	0.000283	-5.670	0.000
L3.PAR	0.000996	0.000147	6.757	0.000
L3.max. PAR	0.000006	0.000004	1.302	0.193
L3.Tlog	-0.005461	0.024177	-0.226	0.821
L4.p	0.118691	0.070525	1.683	0.092
L4.T	-0.388851	0.437943	-0.888	0.375
L4.Tpot	-0.163089	0.370280	-0.440	0.660
L4.Tdew	-0.040252	0.021587	-1.865	0.062
L4.rh	0.000958	0.003740	0.256	0.798
L4.VPmax	-0.096355	0.362560	-0.266	0.790
L4.VPact	0.004178	0.400681	0.010	0.992
L4.VPdef	0.203256	0.362860	0.560	0.575
L4.sh	0.123894	0.510112	0.243	0.808
L4.H2OC	0.165679	0.372161	0.445	0.656
L4.rho	-0.108751	0.051314	-2.119	0.034
L4.wv	-0.000011	0.000039	-0.286	0.775
L4.max. wv	-0.003618	0.001360	-2.659	0.008
L4.wd	-0.000117	0.000023	-5.095	0.000
L4.rain	0.027933	0.013011	2.147	0.032
L4.raining	-0.000124	0.000020	-6.321	0.000
L4.SWDR	-0.001182	0.000286	-4.135	0.000
L4.PAR	0.000731	0.000149	4.913	0.000
L4.max. PAR	0.000017	0.000004	3.826	0.000
L4.Tlog	0.006781	0.024189	0.280	0.779
L5.p	0.061734	0.071078	0.869	0.385
L5.T	-0.326254	0.445452	-0.732	0.464
L5.Tpot	0.107081	0.377486	0.284	0.777

L5.Tdew	-0.023789	0.021596	-1.102	0.271
L5.rh	0.001534	0.003739	0.410	0.682
L5.VPmax	0.076552	0.385556	0.199	0.843
L5.VPact	0.407432	0.421888	0.966	0.334
L5.VPdef	0.004635	0.385833	0.012	0.990
L5.sh	0.205955	0.541212	0.381	0.704
L5.H2OC	-0.476252	0.389234	-1.224	0.221
L5.rho	-0.040483	0.051466	-0.787	0.432
L5.wv	0.000004	0.000042	0.101	0.920
L5.max. wv	-0.002029	0.001381	-1.470	0.142
L5.wd	-0.000118	0.000024	-4.968	0.000
L5.rain	-0.008925	0.013282	-0.672	0.502
L5.raining	-0.000116	0.000020	-5.833	0.000
L5.SWDR	-0.001701	0.000287	-5.922	0.000
L5.PAR	0.000993	0.000149	6.644	0.000
L5.max. PAR	0.000001	0.000005	0.235	0.815
L5.Tlog	0.062089	0.024212	2.564	0.010
L6.p	0.081575	0.071302	1.144	0.253
L6.T	0.090561	0.448627	0.202	0.840
L6.Tpot	-0.519130	0.380445	-1.365	0.172
L6.Tdew	-0.027220	0.021603	-1.260	0.208
L6.rh	0.002300	0.003741	0.615	0.539
L6.VPmax	0.149267	0.401442	0.372	0.710
L6.VPact	0.567441	0.436627	1.300	0.194
L6.VPdef	-0.061777	0.401687	-0.154	0.878
L6.sh	0.251125	0.562567	0.446	0.655
L6.H2OC	-0.755092	0.401422	-1.881	0.060
L6.rho	-0.086794	0.051550	-1.684	0.092
L6.wv	0.000011	0.000044	0.250	0.803
L6.max. wv	0.001764	0.001392	1.267	0.205
L6.wd	-0.000124	0.000024	-5.150	0.000
L6.rain	0.017237	0.013535	1.274	0.203
L6.raining	-0.000070	0.000020	-3.491	0.000
L6.SWDR	-0.000885	0.000288	-3.070	0.002
L6.PAR	0.000549	0.000150	3.662	0.000
L6.max. PAR	0.000006	0.000005	1.243	0.214
L6.Tlog	-0.024214	0.024338	-0.995	0.320
L7.p	0.008821	0.071400	0.124	0.902
L7.T	0.566660	0.449618	1.260	0.208
L7.Tpot	-0.944857	0.381300	-2.478	0.013
L7.Tdew	-0.031108	0.021594	-1.441	0.150
L7.rh	-0.004367	0.003739	-1.168	0.243
L7.VPmax	0.264826	0.410126	0.646	0.518
L7.VPact	0.044394	0.445016	0.100	0.921
L7.VPdef	-0.180998	0.410278	-0.441	0.659
L7.sh	0.571006	0.574363	0.994	0.320
L7.H2OC	-0.509192	0.408680	-1.246	0.213
L7.rho	-0.070562	0.051616	-1.367	0.172
L7.wv	0.000018	0.000045	0.398	0.691
L7.max. wv	0.000661	0.001399	0.472	0.637
L7.wd	-0.000104	0.000024	-4.298	0.000
L7.rain	0.026839	0.013684	1.961	0.050
L7.raining	-0.000072	0.000020	-3.564	0.000
L7.SWDR	-0.001038	0.000289	-3.592	0.000
L7.PAR	0.000624	0.000150	4.153	0.000
L7.max. PAR	0.000002	0.000005	0.387	0.699
L7.Tlog	-0.009776	0.024351	-0.401	0.688
L8.p	0.022665	0.071436	0.317	0.751
L8.T	0.449951	0.449685	1.001	0.317
L8.Tpot	-0.767454	0.381169	-2.013	0.044
L8.Tdew	0.015552	0.021579	0.721	0.471
L8.rh	-0.003119	0.003739	-0.834	0.404
L8.VPmax	0.181717	0.413049	0.440	0.660
L8.VPact	0.477220	0.447928	1.065	0.287
L8.VPdef	-0.072227	0.413179	-0.175	0.861
L8.sh	-0.004633	0.577885	-0.008	0.994
L8.H2OC	-0.536872	0.410924	-1.307	0.191
L8.rho	-0.050038	0.051671	-0.968	0.333
L8.wv	0.000010	0.000045	0.218	0.828
L8.max. wv	0.000276	0.001402	0.197	0.844
L8.wd	-0.000129	0.000024	-5.297	0.000
L8.rain	0.045589	0.013732	3.320	0.001
L8.raining	-0.000048	0.000020	-2.372	0.018
L8.SWDR	-0.001091	0.000289	-3.773	0.000
L8.PAR	0.000643	0.000150	4.281	0.000
L8.max. PAR	-0.000000	0.000005	-0.091	0.928
L8.Tlog	0.064909	0.024388	2.662	0.008
L9.p	-0.018230	0.071384	-0.255	0.798
L9.T	0.786143	0.449204	1.750	0.080
L9.Tpot	-1.013491	0.380541	-2.663	0.008
L9.Tdew	-0.044807	0.021557	-2.079	0.038
L9.rh	-0.000170	0.003736	-0.046	0.964
L9.VPmax	-0.091982	0.410077	-0.224	0.823
L9.VPact	0.656432	0.445348	1.474	0.140
L9.VPdef	0.118504	0.410138	0.289	0.773

L9.sh	-0.294601	0.574018	-0.513	0.608
L9.H2OC	-0.283897	0.409226	-0.694	0.488
L9.rho	-0.048278	0.051632	-0.935	0.350
L9.wv	0.000010	0.000045	0.217	0.828
L9.max. wv	-0.001512	0.001400	-1.080	0.280
L9.wd	-0.000131	0.000024	-5.404	0.000
L9.rain	0.006040	0.013683	0.441	0.659
L9.raining	-0.000053	0.000020	-2.662	0.008
L9.SWDR	-0.001073	0.000289	-3.710	0.000
L9.PAR	0.000603	0.000150	4.014	0.000
L9.max. PAR	0.000002	0.000005	0.505	0.613
L9.Tlog	-0.034571	0.024372	-1.418	0.156
L10.p	0.037572	0.071282	0.527	0.598
L10.T	0.773117	0.447968	1.726	0.084
L10.Tpot	-1.331649	0.379127	-3.512	0.000
L10.Tdew	-0.018038	0.021544	-0.837	0.402
L10.rh	0.001273	0.003736	0.341	0.733
L10.VPmax	-0.377602	0.401257	-0.941	0.347
L10.VPact	0.809989	0.437506	1.851	0.064
L10.VPdef	0.491868	0.401280	1.226	0.220
L10.sh	-0.356206	0.561699	-0.634	0.526
L10.H2OC	-0.099956	0.402979	-0.248	0.804
L10.rho	-0.108018	0.051563	-2.095	0.036
L10.wv	0.000009	0.000044	0.200	0.841
L10.max. wv	0.002258	0.001397	1.617	0.106
L10.wd	-0.000100	0.000024	-4.169	0.000
L10.rain	0.042742	0.013511	3.164	0.002
L10.raining	-0.000054	0.000020	-2.687	0.007
L10.SWDR	-0.000402	0.000289	-1.390	0.165
L10.PAR	0.000275	0.000150	1.831	0.067
L10.max. PAR	0.000009	0.000005	1.905	0.057
L10.Tlog	0.023566	0.024341	0.968	0.333
L11.p	-0.151939	0.071007	-2.140	0.032
L11.T	1.217244	0.444338	2.739	0.006
L11.Tpot	-0.911274	0.375778	-2.425	0.015
L11.Tdew	-0.038108	0.021509	-1.772	0.076
L11.rh	0.003893	0.003732	1.043	0.297
L11.VPmax	-0.397128	0.385406	-1.030	0.303
L11.VPact	0.598323	0.422820	1.415	0.157
L11.VPdef	0.373946	0.385436	0.970	0.332
L11.sh	-0.315340	0.539904	-0.584	0.559
L11.H2OC	0.020354	0.391413	0.052	0.959
L11.rho	0.060759	0.051483	1.180	0.238
L11.wv	0.000007	0.000042	0.164	0.870
L11.max. wv	0.002861	0.001389	2.060	0.039
L11.wd	-0.000085	0.000024	-3.574	0.000
L11.rain	0.009644	0.013258	0.727	0.467
L11.raining	-0.000046	0.000020	-2.327	0.020
L11.SWDR	-0.000570	0.000288	-1.982	0.047
L11.PAR	0.000353	0.000150	2.359	0.018
L11.max. PAR	0.000008	0.000005	1.619	0.105
L11.Tlog	0.010926	0.024228	0.451	0.652
L12.p	-0.164611	0.070428	-2.337	0.019
L12.T	1.062261	0.436503	2.434	0.015
L12.Tpot	-0.611669	0.368550	-1.660	0.097
L12.Tdew	0.024414	0.021490	1.136	0.256
L12.rh	0.003064	0.003731	0.821	0.411
L12.VPmax	-0.538601	0.362274	-1.487	0.137
L12.VPact	0.654369	0.401823	1.629	0.103
L12.VPdef	0.524283	0.362432	1.447	0.148
L12.sh	-0.049511	0.508956	-0.097	0.923
L12.H2OC	-0.089572	0.374048	-0.239	0.811
L12.rho	0.097257	0.051327	1.895	0.058
L12.wv	-0.000001	0.000039	-0.027	0.979
L12.max. wv	0.002323	0.001374	1.691	0.091
L12.wd	-0.000128	0.000023	-5.544	0.000
L12.rain	0.013976	0.012984	1.076	0.282
L12.raining	-0.000052	0.000020	-2.625	0.009
L12.SWDR	-0.000773	0.000286	-2.699	0.007
L12.PAR	0.000442	0.000149	2.966	0.003
L12.max. PAR	0.000002	0.000004	0.437	0.662
L12.Tlog	-0.008273	0.024178	-0.342	0.732
L13.p	-0.008710	0.069300	-0.126	0.900
L13.T	0.827418	0.420119	1.969	0.049
L13.Tpot	-1.131601	0.353288	-3.203	0.001
L13.Tdew	-0.038521	0.021434	-1.797	0.072
L13.rh	0.003113	0.003723	0.836	0.403
L13.VPmax	-0.684164	0.329568	-2.076	0.038
L13.VPact	0.448075	0.370825	1.208	0.227
L13.VPdef	0.744259	0.329709	2.257	0.024
L13.sh	0.336606	0.464445	0.725	0.469
L13.H2OC	0.082673	0.348647	0.237	0.813
L13.rho	-0.060419	0.051111	-1.182	0.237
L13.wv	0.000001	0.000035	0.038	0.970
L13.max. wv	0.001591	0.001348	1.180	0.238

L13.wd	-0.000092	0.000022	-4.179	0.000
L13.rain	0.023467	0.012543	1.871	0.061
L13.raining	-0.000041	0.000019	-2.139	0.032
L13.SWDR	-0.000692	0.000284	-2.440	0.015
L13.PAR	0.000371	0.000148	2.516	0.012
L13.max. PAR	0.000002	0.000004	0.410	0.682
L13.Tlog	0.029186	0.024149	1.209	0.227
L14.p	-0.064866	0.067169	-0.966	0.334
L14.T	0.651933	0.387950	1.680	0.093
L14.Tpot	-0.708737	0.323085	-2.194	0.028
L14.Tdew	0.013563	0.021390	0.634	0.526
L14.rh	-0.003759	0.003717	-1.011	0.312
L14.VPmax	-0.514754	0.283357	-1.817	0.069
L14.VPact	0.820551	0.325406	2.522	0.012
L14.VPdef	0.551363	0.283592	1.944	0.052
L14.sh	-0.090709	0.399687	-0.227	0.820
L14.H2OC	-0.195443	0.309508	-0.631	0.528
L14.rho	-0.000575	0.050762	-0.011	0.991
L14.wv	0.000007	0.000030	0.225	0.822
L14.max. wv	0.000392	0.001303	0.301	0.764
L14.wd	-0.000078	0.000020	-3.826	0.000
L14.rain	0.008265	0.011991	0.689	0.491
L14.raining	-0.000022	0.000019	-1.186	0.235
L14.SWDR	-0.000478	0.000278	-1.722	0.085
L14.PAR	0.000274	0.000145	1.892	0.058
L14.max. PAR	0.000009	0.000004	2.318	0.020
L14.Tlog	-0.025743	0.023609	-1.090	0.276
L15.p	-0.111893	0.062864	-1.780	0.075
L15.T	0.669741	0.324362	2.065	0.039
L15.Tpot	-0.286173	0.259957	-1.101	0.271
L15.Tdew	-0.010426	0.020551	-0.507	0.612
L15.rh	0.001850	0.003494	0.530	0.596
L15.VPmax	-0.345954	0.211925	-1.632	0.103
L15.VPact	0.457782	0.251546	1.820	0.069
L15.VPdef	0.328561	0.212187	1.548	0.122
L15.sh	-0.109164	0.297753	-0.367	0.714
L15.H2OC	-0.007667	0.242232	-0.032	0.975
L15.rho	0.082222	0.049927	1.647	0.100
L15.wv	0.000007	0.000022	0.299	0.765
L15.max. wv	0.001760	0.001186	1.484	0.138
L15.wd	-0.000020	0.000018	-1.149	0.251
L15.rain	0.021764	0.011258	1.933	0.053
L15.raining	-0.000028	0.000018	-1.571	0.116
L15.SWDR	0.000407	0.000265	1.537	0.124
L15.PAR	-0.000185	0.000139	-1.336	0.181
L15.max. PAR	-0.000003	0.000003	-0.802	0.422
L15.Tlog	0.039755	0.015156	2.623	0.009

Results for equation VPact

	coefficient	std. error	t-stat	prob
const	-0.000001	0.000636	-0.001	0.999
L1.p	-0.062230	0.040868	-1.523	0.128
L1.T	0.327233	0.210264	1.556	0.120
L1.Tpot	0.069071	0.168736	0.409	0.682
L1.Tdew	0.031551	0.013423	2.351	0.019
L1.rh	0.001926	0.002286	0.842	0.400
L1.VPmax	0.144511	0.137183	1.053	0.292
L1.VPact	-0.855707	0.162769	-5.257	0.000
L1.VPdef	-0.219289	0.137275	-1.597	0.110
L1.sh	-0.197121	0.192857	-1.022	0.307
L1.H2OC	0.974716	0.156614	6.224	0.000
L1.rho	0.073592	0.032468	2.267	0.023
L1.wv	0.000009	0.000014	0.629	0.530
L1.max. wv	0.000441	0.000756	0.583	0.560
L1.wd	-0.000023	0.000011	-2.011	0.044
L1.rain	-0.042597	0.007269	-5.860	0.000
L1.raining	0.000098	0.000012	8.426	0.000
L1.SWDR	0.000738	0.000170	4.355	0.000
L1.PAR	-0.000407	0.000089	-4.591	0.000
L1.max. PAR	-0.000003	0.000002	-1.158	0.247
L1.Tlog	-0.027780	0.011252	-2.469	0.014
L2.p	-0.045806	0.043577	-1.051	0.293
L2.T	0.132021	0.251917	0.524	0.600
L2.Tpot	0.059377	0.209807	0.283	0.777
L2.Tdew	0.057817	0.013933	4.150	0.000
L2.rh	-0.002067	0.002413	-0.857	0.392
L2.VPmax	0.066347	0.183476	0.362	0.718
L2.VPact	-0.787932	0.210407	-3.745	0.000
L2.VPdef	-0.092655	0.183654	-0.505	0.614
L2.sh	-0.317689	0.259190	-1.226	0.220
L2.H2OC	0.807228	0.199767	4.041	0.000
L2.rho	0.000000	0.000000	0.000	0.999

L2.rno	0.040132	0.032819	1.239	0.215
L2.wv	0.000012	0.000019	0.645	0.519
L2.max. wv	0.003025	0.000824	3.671	0.000
L2.wd	0.000025	0.000013	1.924	0.054
L2.rain	0.014043	0.007767	1.808	0.071
L2.raining	0.000039	0.000012	3.227	0.001
L2.SWDR	0.000198	0.000179	1.102	0.270
L2.PAR	-0.000150	0.000094	-1.603	0.109
L2.max. PAR	-0.000007	0.000003	-2.826	0.005
L2.Tlog	0.115239	0.015384	7.491	0.000
L3.p	0.036145	0.044921	0.805	0.421
L3.T	0.058629	0.272825	0.215	0.830
L3.Tpot	-0.167715	0.229742	-0.730	0.465
L3.Tdew	-0.005735	0.013958	-0.411	0.681
L3.rh	0.003911	0.002417	1.618	0.106
L3.VPmax	-0.141895	0.213470	-0.665	0.506
L3.VPact	-0.221027	0.239485	-0.923	0.356
L3.VPdef	0.129483	0.213640	0.606	0.544
L3.sh	-0.213341	0.301348	-0.708	0.479
L3.H2OC	0.494531	0.224679	2.201	0.028
L3.rho	-0.033115	0.033078	-1.001	0.317
L3.wv	0.000016	0.000023	0.692	0.489
L3.max. wv	0.002224	0.000859	2.590	0.010
L3.wd	0.000028	0.000014	1.984	0.047
L3.rain	-0.051108	0.008139	-6.279	0.000
L3.raining	0.000041	0.000013	3.281	0.001
L3.SWDR	0.000073	0.000183	0.402	0.688
L3.PAR	-0.000075	0.000095	-0.787	0.431
L3.max. PAR	-0.000008	0.000003	-2.709	0.007
L3.Tlog	-0.053912	0.015653	-3.444	0.001
L4.p	-0.003025	0.045659	-0.066	0.947
L4.T	0.288205	0.283531	1.016	0.309
L4.Tpot	-0.344015	0.239725	-1.435	0.151
L4.Tdew	0.024379	0.013976	1.744	0.081
L4.rh	-0.000477	0.002421	-0.197	0.844
L4.VPmax	0.058684	0.234727	0.250	0.803
L4.VPact	-0.338576	0.259407	-1.305	0.192
L4.VPdef	-0.065033	0.234921	-0.277	0.782
L4.sh	-0.265090	0.330254	-0.803	0.422
L4.H2OC	0.412233	0.240943	1.711	0.087
L4.rho	-0.012899	0.033221	-0.388	0.698
L4.wv	0.000016	0.000025	0.624	0.533
L4.max. wv	0.002341	0.000881	2.658	0.008
L4.wd	0.000030	0.000015	2.028	0.043
L4.rain	0.008241	0.008424	0.978	0.328
L4.raining	0.000046	0.000013	3.612	0.000
L4.SWDR	0.000085	0.000185	0.458	0.647
L4.PAR	-0.000081	0.000096	-0.845	0.398
L4.max. PAR	-0.000002	0.000003	-0.600	0.549
L4.Tlog	-0.001376	0.015660	-0.088	0.930
L5.p	-0.002670	0.046017	-0.058	0.954
L5.T	0.300299	0.288393	1.041	0.298
L5.Tpot	-0.342015	0.244390	-1.399	0.162
L5.Tdew	0.016504	0.013981	1.180	0.238
L5.rh	-0.000310	0.002421	-0.128	0.898
L5.VPmax	-0.037994	0.249615	-0.152	0.879
L5.VPact	-0.481291	0.273137	-1.762	0.078
L5.VPdef	0.006663	0.249795	0.027	0.979
L5.sh	0.051562	0.350389	0.147	0.883
L5.H2OC	0.440861	0.251996	1.749	0.080
L5.rho	-0.015563	0.033320	-0.467	0.640
L5.wv	0.000020	0.000027	0.731	0.465
L5.max. wv	0.001656	0.000894	1.853	0.064
L5.wd	0.000041	0.000015	2.652	0.008
L5.rain	0.041539	0.008599	4.831	0.000
L5.raining	0.000042	0.000013	3.261	0.001
L5.SWDR	0.000033	0.000186	0.176	0.860
L5.PAR	-0.000051	0.000097	-0.531	0.596
L5.max. PAR	0.000002	0.000003	0.787	0.431
L5.Tlog	0.020276	0.015675	1.294	0.196
L6.p	-0.104949	0.046162	-2.273	0.023
L6.T	0.589343	0.290448	2.029	0.042
L6.Tpot	-0.258352	0.246306	-1.049	0.294
L6.Tdew	-0.051870	0.013986	-3.709	0.000
L6.rh	0.008583	0.002422	3.544	0.000
L6.VPmax	0.066954	0.259900	0.258	0.797
L6.VPact	-0.147036	0.282679	-0.520	0.603
L6.VPdef	-0.120588	0.260059	-0.464	0.643
L6.sh	-0.104029	0.364214	-0.286	0.775
L6.H2OC	0.143020	0.259887	0.550	0.582
L6.rho	0.056383	0.033374	1.689	0.091
L6.wv	0.000026	0.000028	0.915	0.360
L6.max. wv	0.001714	0.000901	1.902	0.057
L6.wd	0.000039	0.000016	2.487	0.013
L6.rain	-0.002266	0.008763	-0.259	0.796

L6.raining	0.000031	0.000013	2.421	0.015
L6.SWDR	-0.000286	0.000187	-1.535	0.125
L6.PAR	0.000130	0.000097	1.341	0.180
L6.max. PAR	-0.000002	0.000003	-0.679	0.497
L6.Tlog	0.046026	0.015757	2.921	0.003
L7.p	-0.150692	0.046226	-3.260	0.001
L7.T	0.961885	0.291090	3.304	0.001
L7.Tpot	-0.411460	0.246859	-1.667	0.096
L7.Tdew	0.007563	0.013981	0.541	0.589
L7.rh	0.000570	0.002421	0.236	0.814
L7.VPmax	-0.026643	0.265522	-0.100	0.920
L7.VPact	-0.361552	0.288110	-1.255	0.210
L7.VPdef	-0.056588	0.265620	-0.213	0.831
L7.sh	0.032207	0.371852	0.087	0.931
L7.H2OC	0.310221	0.264586	1.172	0.241
L7.rho	0.109966	0.033417	3.291	0.001
L7.wv	0.000029	0.000029	0.994	0.320
L7.max. wv	0.002863	0.000906	3.160	0.002
L7.wd	0.000030	0.000016	1.938	0.053
L7.rain	-0.032816	0.008859	-3.704	0.000
L7.raining	0.000062	0.000013	4.793	0.000
L7.SWDR	-0.000455	0.000187	-2.434	0.015
L7.PAR	0.000214	0.000097	2.197	0.028
L7.max. PAR	-0.000006	0.000003	-1.961	0.050
L7.Tlog	-0.067982	0.015765	-4.312	0.000
L8.p	-0.100231	0.046249	-2.167	0.030
L8.T	0.726468	0.291133	2.495	0.013
L8.Tpot	-0.434827	0.246775	-1.762	0.078
L8.Tdew	0.006321	0.013970	0.452	0.651
L8.rh	0.001724	0.002421	0.712	0.476
L8.VPmax	-0.095639	0.267414	-0.358	0.721
L8.VPact	-0.394682	0.289996	-1.361	0.174
L8.VPdef	0.048660	0.267499	0.182	0.856
L8.sh	0.098541	0.374132	0.263	0.792
L8.H2OC	0.402405	0.266039	1.513	0.130
L8.rho	0.056198	0.033453	1.680	0.093
L8.wv	0.000021	0.000029	0.706	0.480
L8.max. wv	0.003757	0.000908	4.138	0.000
L8.wd	0.000019	0.000016	1.230	0.219
L8.rain	-0.008488	0.008890	-0.955	0.340
L8.raining	0.000042	0.000013	3.222	0.001
L8.SWDR	-0.000345	0.000187	-1.845	0.065
L8.PAR	0.000138	0.000097	1.414	0.157
L8.max. PAR	-0.000006	0.000003	-2.022	0.043
L8.Tlog	0.052589	0.015789	3.331	0.001
L9.p	-0.086553	0.046215	-1.873	0.061
L9.T	0.501838	0.290822	1.726	0.084
L9.Tpot	-0.261749	0.246369	-1.062	0.288
L9.Tdew	-0.020807	0.013956	-1.491	0.136
L9.rh	0.003246	0.002419	1.342	0.180
L9.VPmax	0.125209	0.265491	0.472	0.637
L9.VPact	-0.380746	0.288325	-1.321	0.187
L9.VPdef	-0.133680	0.265530	-0.503	0.615
L9.sh	0.200730	0.371629	0.540	0.589
L9.H2OC	0.159689	0.264939	0.603	0.547
L9.rho	0.049870	0.033428	1.492	0.136
L9.wv	0.000023	0.000029	0.776	0.438
L9.max. wv	0.003045	0.000906	3.359	0.001
L9.wd	0.000010	0.000016	0.663	0.507
L9.rain	-0.016294	0.008858	-1.839	0.066
L9.raining	0.000047	0.000013	3.606	0.000
L9.SWDR	-0.001052	0.000187	-5.621	0.000
L9.PAR	0.000517	0.000097	5.314	0.000
L9.max. PAR	-0.000001	0.000003	-0.233	0.816
L9.Tlog	-0.021389	0.015779	-1.356	0.175
L10.p	0.002446	0.046149	0.053	0.958
L10.T	0.191174	0.290021	0.659	0.510
L10.Tpot	-0.259393	0.245453	-1.057	0.291
L10.Tdew	0.000725	0.013948	0.052	0.959
L10.rh	-0.001049	0.002419	-0.434	0.664
L10.VPmax	0.087581	0.259780	0.337	0.736
L10.VPact	-0.352344	0.283249	-1.244	0.214
L10.VPdef	-0.096751	0.259795	-0.372	0.710
L10.sh	0.185416	0.363653	0.510	0.610
L10.H2OC	0.125031	0.260895	0.479	0.632
L10.rho	-0.017482	0.033383	-0.524	0.600
L10.wv	0.000022	0.000028	0.788	0.431
L10.max. wv	0.002482	0.000904	2.745	0.006
L10.wd	0.000002	0.000016	0.145	0.884
L10.rain	-0.026867	0.008747	-3.072	0.002
L10.raining	0.000028	0.000013	2.137	0.033
L10.SWDR	-0.000363	0.000187	-1.938	0.053
L10.PAR	0.000166	0.000097	1.703	0.089
L10.max. PAR	-0.000006	0.000003	-1.952	0.051
L10.Tlog	-0.011213	0.015759	-0.712	0.477

L11.p	0.050831	0.045971	1.106	0.269
L11.T	0.018055	0.287671	0.063	0.950
L11.Tpot	-0.374357	0.243285	-1.539	0.124
L11.Tdew	0.029850	0.013925	2.144	0.032
L11.rh	-0.003682	0.002416	-1.524	0.127
L11.VPmax	0.118377	0.249518	0.474	0.635
L11.VPact	-0.109912	0.273741	-0.402	0.688
L11.VPdef	-0.071967	0.249537	-0.288	0.773
L11.sh	0.406399	0.349542	1.163	0.245
L11.H2OC	-0.253946	0.253407	-1.002	0.316
L11.rho	-0.068300	0.033331	-2.049	0.040
L11.wv	0.000018	0.000027	0.660	0.509
L11.max. wv	0.002677	0.000899	2.978	0.003
L11.wd	0.000015	0.000015	0.994	0.320
L11.rain	0.018753	0.008584	2.185	0.029
L11.raining	0.000029	0.000013	2.275	0.023
L11.SWDR	-0.000474	0.000186	-2.543	0.011
L11.PAR	0.000211	0.000097	2.175	0.030
L11.max. PAR	-0.000007	0.000003	-2.314	0.021
L11.Tlog	0.007393	0.015686	0.471	0.637
L12.p	0.031240	0.045596	0.685	0.493
L12.T	0.095896	0.282599	0.339	0.734
L12.Tpot	-0.364373	0.238605	-1.527	0.127
L12.Tdew	0.011845	0.013913	0.851	0.395
L12.rh	-0.003601	0.002415	-1.491	0.136
L12.VPmax	0.272590	0.234542	1.162	0.245
L12.VPact	-0.270620	0.260146	-1.040	0.298
L12.VPdef	-0.237129	0.234644	-1.011	0.312
L12.sh	0.317581	0.329506	0.964	0.335
L12.H2OC	-0.183887	0.242165	-0.759	0.448
L12.rho	-0.050399	0.033230	-1.517	0.129
L12.wv	0.000010	0.000025	0.376	0.707
L12.max. wv	0.001804	0.000889	2.028	0.043
L12.wd	0.000027	0.000015	1.794	0.073
L12.rain	-0.012260	0.008406	-1.458	0.145
L12.raining	0.000040	0.000013	3.147	0.002
L12.SWDR	-0.000109	0.000185	-0.588	0.557
L12.PAR	0.000028	0.000096	0.291	0.771
L12.max. PAR	-0.000007	0.000003	-2.379	0.017
L12.Tlog	-0.043859	0.015653	-2.802	0.005
L13.p	0.017433	0.044866	0.389	0.698
L13.T	-0.014899	0.271992	-0.055	0.956
L13.Tpot	-0.081613	0.228724	-0.357	0.721
L13.Tdew	-0.029835	0.013877	-2.150	0.032
L13.rh	0.003799	0.002410	1.576	0.115
L13.VPmax	0.329966	0.213368	1.546	0.122
L13.VPact	-0.373876	0.240078	-1.557	0.119
L13.VPdef	-0.331693	0.213459	-1.554	0.120
L13.sh	0.123837	0.300689	0.412	0.680
L13.H2OC	-0.015781	0.225719	-0.070	0.944
L13.rho	-0.026046	0.033090	-0.787	0.431
L13.wv	0.000007	0.000023	0.307	0.759
L13.max. wv	0.001799	0.000873	2.061	0.039
L13.wd	-0.000007	0.000014	-0.493	0.622
L13.rain	-0.020522	0.008120	-2.527	0.011
L13.raining	0.000015	0.000013	1.216	0.224
L13.SWDR	-0.000076	0.000184	-0.414	0.679
L13.PAR	0.000017	0.000096	0.179	0.858
L13.max. PAR	-0.000006	0.000003	-2.183	0.029
L13.Tlog	0.019768	0.015634	1.264	0.206
L14.p	-0.031129	0.043487	-0.716	0.474
L14.T	0.102607	0.251165	0.409	0.683
L14.Tpot	0.041114	0.209170	0.197	0.844
L14.Tdew	0.001919	0.013848	0.139	0.890
L14.rh	0.000482	0.002406	0.200	0.841
L14.VPmax	0.265708	0.183450	1.448	0.148
L14.VPact	-0.552432	0.210673	-2.622	0.009
L14.VPdef	-0.268926	0.183602	-1.465	0.143
L14.sh	0.334481	0.258764	1.293	0.196
L14.H2OC	0.060741	0.200381	0.303	0.762
L14.rho	0.031446	0.032864	0.957	0.339
L14.wv	0.000011	0.000019	0.549	0.583
L14.max. wv	0.001255	0.000844	1.487	0.137
L14.wd	0.000002	0.000013	0.155	0.877
L14.rain	-0.006382	0.007763	-0.822	0.411
L14.raining	0.000011	0.000012	0.888	0.375
L14.SWDR	0.000179	0.000180	0.997	0.319
L14.PAR	-0.000122	0.000094	-1.298	0.194
L14.max. PAR	-0.000005	0.000003	-1.777	0.075
L14.Tlog	-0.019763	0.015285	-1.293	0.196
L15.p	-0.058648	0.040699	-1.441	0.150
L15.T	0.226236	0.209997	1.077	0.281
L15.Tpot	-0.145932	0.168300	-0.867	0.386
L15.Tdew	0.040532	0.013305	3.046	0.002
L15.rh	-0.000005	0.000002	-1.762	0.078

L15.VPmax	0.085968	0.137203	0.627	0.531
L15.VPact	-0.363073	0.162855	-2.229	0.026
L15.VPdef	-0.091640	0.137373	-0.667	0.505
L15.sh	0.153072	0.192770	0.794	0.427
L15.H2OC	0.156013	0.156825	0.995	0.320
L15.rho	0.022767	0.032323	0.704	0.481
L15.wv	0.000010	0.000014	0.699	0.484
L15.max. wv	0.000849	0.000768	1.106	0.269
L15.wd	0.000009	0.000011	0.785	0.432
L15.rain	-0.023702	0.007288	-3.252	0.001
L15.raining	0.000024	0.000012	2.084	0.037
L15.SWDR	0.000138	0.000171	0.804	0.421
L15.PAR	-0.000104	0.000090	-1.163	0.245
L15.max. PAR	-0.000007	0.000002	-2.958	0.003
L15.Tlog	0.019789	0.009813	2.017	0.044
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Results for equation VPdef

	coefficient	std. error	t-stat	prob
const	-0.000044	0.001189	-0.037	0.971
L1.p	-0.555409	0.076404	-7.269	0.000
L1.T	0.783284	0.393093	1.993	0.046
L1.Tpot	0.914994	0.315455	2.901	0.004
L1.Tdew	0.080661	0.025094	3.214	0.001
L1.rh	-0.011668	0.004275	-2.730	0.006
L1.VPmax	0.426909	0.256466	1.665	0.096
L1.VPact	-0.196063	0.304300	-0.644	0.519
L1.VPdef	-0.324706	0.256638	-1.265	0.206
L1.sh	0.547255	0.360552	1.518	0.129
L1.H2OC	-0.774154	0.292794	-2.644	0.008
L1.rho	0.355011	0.060701	5.849	0.000
L1.wv	-0.000008	0.000027	-0.306	0.760
L1.max. wv	-0.035546	0.001413	-25.153	0.000
L1.wd	0.000168	0.000021	7.891	0.000
L1.rain	-0.090078	0.013590	-6.628	0.000
L1.raining	-0.000338	0.000022	-15.529	0.000
L1.SWDR	-0.002556	0.000317	-8.065	0.000
L1.PAR	0.002124	0.000166	12.800	0.000
L1.max. PAR	0.000024	0.000004	5.767	0.000
L1.Tlog	0.101510	0.021036	4.826	0.000
L2.p	0.033577	0.081467	0.412	0.680
L2.T	-0.031439	0.470966	-0.067	0.947
L2.Tpot	-0.027609	0.392240	-0.070	0.944
L2.Tdew	-0.179469	0.026049	-6.890	0.000
L2.rh	0.024176	0.004511	5.359	0.000
L2.VPmax	0.694537	0.343013	2.025	0.043
L2.VPact	-0.221978	0.393361	-0.564	0.573
L2.VPdef	-0.733256	0.343345	-2.136	0.033
L2.sh	0.494324	0.484561	1.020	0.308
L2.H2OC	-0.586359	0.373469	-1.570	0.116
L2.rho	-0.030808	0.061469	-0.501	0.616
L2.wv	-0.000016	0.000036	-0.456	0.649
L2.max. wv	-0.007735	0.001540	-5.021	0.000
L2.wd	-0.000062	0.000025	-2.525	0.012
L2.rain	-0.054734	0.014520	-3.769	0.000
L2.raining	-0.000173	0.000023	-7.622	0.000
L2.SWDR	-0.000653	0.000335	-1.947	0.052
L2.PAR	0.000469	0.000175	2.678	0.007
L2.max. PAR	0.000017	0.000005	3.620	0.000
L2.Tlog	-0.056375	0.028761	-1.960	0.050
L3.p	0.007709	0.083981	0.092	0.927
L3.T	-0.034358	0.510052	-0.067	0.946
L3.Tpot	-0.007222	0.429509	-0.017	0.987
L3.Tdew	-0.021505	0.026096	-0.824	0.410
L3.rh	-0.000695	0.004519	-0.154	0.878
L3.VPmax	0.851076	0.399087	2.133	0.033
L3.VPact	-0.735284	0.447724	-1.642	0.101
L3.VPdef	-0.799457	0.399406	-2.002	0.045
L3.sh	0.633594	0.563378	1.125	0.261
L3.H2OC	-0.459713	0.420043	-1.094	0.274
L3.rho	-0.008111	0.061839	-0.131	0.896
L3.wv	-0.000019	0.000043	-0.455	0.649
L3.max. wv	-0.008871	0.001606	-5.525	0.000
L3.wd	-0.000094	0.000027	-3.521	0.000
L3.rain	0.058801	0.015216	3.864	0.000
L3.raining	-0.000192	0.000023	-8.174	0.000
L3.SWDR	-0.001677	0.000342	-4.903	0.000
L3.PAR	0.001071	0.000178	6.007	0.000
L3.max. PAR	0.000013	0.000005	2.526	0.012
L3.Tlog	0.047789	0.029263	1.633	0.102
L4.p	0.120696	0.085360	1.414	0.157
L4.T	-0.668712	0.530069	-1.262	0.207
L4.Tpot	0.000000	0.000000	0.000	0.999

L4.Tpot	0.175644	0.448172	0.392	0.695
L4.Tdew	-0.063650	0.026128	-2.436	0.015
L4.rh	0.001436	0.004527	0.317	0.751
L4.VPmax	0.576927	0.438828	1.315	0.189
L4.VPact	-0.391398	0.484969	-0.807	0.420
L4.VPdef	-0.463706	0.439191	-1.056	0.291
L4.sh	0.409570	0.617419	0.663	0.507
L4.H2OC	-0.258435	0.450448	-0.574	0.566
L4.rho	-0.095156	0.062108	-1.532	0.125
L4.wv	-0.000027	0.000047	-0.562	0.574
L4.max. wv	-0.005984	0.001647	-3.634	0.000
L4.wd	-0.000147	0.000028	-5.283	0.000
L4.rain	0.019299	0.015748	1.225	0.220
L4.raining	-0.000170	0.000024	-7.139	0.000
L4.SWDR	-0.001267	0.000346	-3.664	0.000
L4.PAR	0.000813	0.000180	4.515	0.000
L4.max. PAR	0.000019	0.000005	3.492	0.000
L4.Tlog	0.008716	0.029278	0.298	0.766
L5.p	0.063358	0.086029	0.736	0.461
L5.T	-0.615675	0.539157	-1.142	0.253
L5.Tpot	0.438114	0.456894	0.959	0.338
L5.Tdew	-0.039955	0.026138	-1.529	0.126
L5.rh	0.001837	0.004526	0.406	0.685
L5.VPmax	0.788804	0.466661	1.690	0.091
L5.VPact	0.210815	0.510636	0.413	0.680
L5.VPdef	-0.676089	0.466997	-1.448	0.148
L5.sh	0.176230	0.655062	0.269	0.788
L5.H2OC	-0.927583	0.471113	-1.969	0.049
L5.rho	-0.024879	0.062293	-0.399	0.690
L5.wv	-0.000015	0.000051	-0.297	0.767
L5.max. wv	-0.003758	0.001671	-2.249	0.025
L5.wd	-0.000158	0.000029	-5.532	0.000
L5.rain	-0.050780	0.016077	-3.159	0.002
L5.raining	-0.000157	0.000024	-6.543	0.000
L5.SWDR	-0.001724	0.000348	-4.960	0.000
L5.PAR	0.001040	0.000181	5.746	0.000
L5.max. PAR	-0.000001	0.000006	-0.225	0.822
L5.Tlog	0.041429	0.029305	1.414	0.157
L6.p	0.186289	0.086301	2.159	0.031
L6.T	-0.493291	0.543000	-0.908	0.364
L6.Tpot	-0.268659	0.460476	-0.583	0.560
L6.Tdew	0.024894	0.026147	0.952	0.341
L6.rh	-0.006275	0.004528	-1.386	0.166
L6.VPmax	0.688424	0.485890	1.417	0.157
L6.VPact	0.106258	0.528476	0.201	0.841
L6.VPdef	-0.546626	0.486186	-1.124	0.261
L6.sh	0.363877	0.680908	0.534	0.593
L6.H2OC	-0.901266	0.485866	-1.855	0.064
L6.rho	-0.143602	0.062394	-2.302	0.021
L6.wv	-0.000014	0.000053	-0.271	0.786
L6.max. wv	0.000033	0.001685	0.020	0.984
L6.wd	-0.000163	0.000029	-5.613	0.000
L6.rain	0.019144	0.016382	1.169	0.243
L6.raining	-0.000101	0.000024	-4.159	0.000
L6.SWDR	-0.000590	0.000349	-1.690	0.091
L6.PAR	0.000414	0.000181	2.283	0.022
L6.max. PAR	0.000008	0.000006	1.411	0.158
L6.Tlog	-0.069916	0.029458	-2.373	0.018
L7.p	0.157946	0.086420	1.828	0.068
L7.T	-0.380654	0.544200	-0.699	0.484
L7.Tpot	-0.543723	0.461510	-1.178	0.239
L7.Tdew	-0.039409	0.026137	-1.508	0.132
L7.rh	-0.004857	0.004526	-1.073	0.283
L7.VPmax	0.835241	0.496400	1.683	0.092
L7.VPact	-0.138459	0.538630	-0.257	0.797
L7.VPdef	-0.668992	0.496584	-1.347	0.178
L7.sh	0.547244	0.695186	0.787	0.431
L7.H2OC	-0.824299	0.494651	-1.666	0.096
L7.rho	-0.179884	0.062474	-2.879	0.004
L7.wv	-0.000010	0.000054	-0.191	0.849
L7.max. wv	-0.002207	0.001694	-1.303	0.192
L7.wd	-0.000134	0.000029	-4.584	0.000
L7.rain	0.059526	0.016562	3.594	0.000
L7.raining	-0.000133	0.000024	-5.465	0.000
L7.SWDR	-0.000579	0.000350	-1.657	0.098
L7.PAR	0.000409	0.000182	2.250	0.024
L7.max. PAR	0.000008	0.000006	1.383	0.167
L7.Tlog	0.057346	0.029473	1.946	0.052
L8.p	0.122426	0.086463	1.416	0.157
L8.T	-0.269866	0.544281	-0.496	0.620
L8.Tpot	-0.339735	0.461352	-0.736	0.461
L8.Tdew	0.009307	0.026118	0.356	0.722
L8.rh	-0.004801	0.004525	-1.061	0.289
L8.VPmax	0.758855	0.499938	1.518	0.129
L8.VPact	0.388174	0.542154	0.716	0.474

L8.VPdef	-0.602346	0.500096	-1.204	0.228
L8.sh	-0.088518	0.699449	-0.127	0.899
L8.H2OC	-0.946713	0.497366	-1.903	0.057
L8.rho	-0.106375	0.062541	-1.701	0.089
L8.wv	-0.000010	0.000055	-0.186	0.852
L8.max. wv	-0.003491	0.001697	-2.057	0.040
L8.wd	-0.000148	0.000029	-5.053	0.000
L8.rain	0.054215	0.016620	3.262	0.001
L8.raining	-0.000089	0.000024	-3.666	0.000
L8.SWDR	-0.000732	0.000350	-2.092	0.036
L8.PAR	0.000499	0.000182	2.744	0.006
L8.max. PAR	0.000006	0.000006	1.009	0.313
L8.Tlog	0.013023	0.029518	0.441	0.659
L9.p	0.068209	0.086400	0.789	0.430
L9.T	0.285334	0.543699	0.525	0.600
L9.Tpot	-0.754903	0.460592	-1.639	0.101
L9.Tdew	-0.023834	0.026091	-0.913	0.361
L9.rh	-0.003495	0.004522	-0.773	0.440
L9.VPmax	0.210052	0.496341	0.423	0.672
L9.VPact	0.607536	0.539031	1.127	0.260
L9.VPdef	-0.174629	0.496414	-0.352	0.725
L9.sh	-0.479910	0.694769	-0.691	0.490
L9.H2OC	-0.450244	0.495310	-0.909	0.363
L9.rho	-0.098532	0.062494	-1.577	0.115
L9.wv	-0.000012	0.000054	-0.222	0.824
L9.max. wv	-0.004591	0.001695	-2.709	0.007
L9.wd	-0.000142	0.000029	-4.838	0.000
L9.rain	0.022135	0.016561	1.337	0.181
L9.raining	-0.000100	0.000024	-4.108	0.000
L9.SWDR	-0.000016	0.000350	-0.045	0.964
L9.PAR	0.000084	0.000182	0.462	0.644
L9.max. PAR	0.000003	0.000006	0.540	0.589
L9.Tlog	-0.013452	0.029499	-0.456	0.648
L10.p	0.037946	0.086277	0.440	0.660
L10.T	0.570804	0.542202	1.053	0.292
L10.Tpot	-1.070710	0.458880	-2.333	0.020
L10.Tdew	-0.019490	0.026076	-0.747	0.455
L10.rh	0.002431	0.004522	0.538	0.591
L10.VPmax	-0.099919	0.485666	-0.206	0.837
L10.VPact	0.803804	0.529540	1.518	0.129
L10.VPdef	0.224359	0.485693	0.462	0.644
L10.sh	-0.538563	0.679858	-0.792	0.428
L10.H2OC	-0.233209	0.487749	-0.478	0.633
L10.rho	-0.092712	0.062410	-1.486	0.137
L10.wv	-0.000013	0.000053	-0.242	0.809
L10.max. wv	-0.000245	0.001690	-0.145	0.885
L10.wd	-0.000103	0.000029	-3.537	0.000
L10.rain	0.069556	0.016353	4.253	0.000
L10.raining	-0.000081	0.000024	-3.334	0.001
L10.SWDR	-0.000042	0.000350	-0.120	0.904
L10.PAR	0.000111	0.000182	0.613	0.540
L10.max. PAR	0.000015	0.000006	2.634	0.008
L10.Tlog	0.035331	0.029461	1.199	0.230
L11.p	-0.205660	0.085944	-2.393	0.017
L11.T	1.204441	0.537809	2.240	0.025
L11.Tpot	-0.529684	0.454827	-1.165	0.244
L11.Tdew	-0.067284	0.026033	-2.585	0.010
L11.rh	0.007553	0.004517	1.672	0.094
L11.VPmax	-0.211923	0.466481	-0.454	0.650
L11.VPact	0.406274	0.511765	0.794	0.427
L11.VPdef	0.140817	0.466517	0.302	0.763
L11.sh	-0.717099	0.653478	-1.097	0.272
L11.H2OC	0.268449	0.473751	0.567	0.571
L11.rho	0.131723	0.062313	2.114	0.035
L11.wv	-0.000010	0.000051	-0.200	0.841
L11.max. wv	0.000166	0.001681	0.099	0.921
L11.wd	-0.000100	0.000029	-3.494	0.000
L11.rain	-0.008951	0.016047	-0.558	0.577
L11.raining	-0.000075	0.000024	-3.127	0.002
L11.SWDR	-0.000098	0.000348	-0.280	0.779
L11.PAR	0.000143	0.000181	0.788	0.431
L11.max. PAR	0.000014	0.000006	2.579	0.010
L11.Tlog	0.002642	0.029325	0.090	0.928
L12.p	-0.198455	0.085243	-2.328	0.020
L12.T	0.973953	0.528326	1.843	0.065
L12.Tpot	-0.241835	0.446078	-0.542	0.588
L12.Tdew	0.012113	0.026011	0.466	0.641
L12.rh	0.006784	0.004516	1.502	0.133
L12.VPmax	-0.570031	0.438482	-1.300	0.194
L12.VPact	0.677822	0.486350	1.394	0.163
L12.VPdef	0.518616	0.438673	1.182	0.237
L12.sh	-0.360113	0.616020	-0.585	0.559
L12.H2OC	0.095043	0.452733	0.210	0.834
L12.rho	0.150206	0.062124	2.418	0.016
L12.wv	-0.000010	0.000047	-0.202	0.840

L12.max. wv	0.000509	0.001663	0.306	0.759
L12.wd	-0.000155	0.000028	-5.562	0.000
L12.rain	0.026357	0.015715	1.677	0.093
L12.raining	-0.000091	0.000024	-3.830	0.000
L12.SWDR	-0.000654	0.000347	-1.885	0.059
L12.PAR	0.000408	0.000180	2.265	0.024
L12.max. PAR	0.000009	0.000005	1.659	0.097
L12.Tlog	0.036896	0.029264	1.261	0.207
L13.p	-0.026702	0.083878	-0.318	0.750
L13.T	0.846021	0.508495	1.664	0.096
L13.Tpot	-1.055139	0.427606	-2.468	0.014
L13.Tdew	-0.008144	0.025943	-0.314	0.754
L13.rh	-0.000722	0.004506	-0.160	0.873
L13.VPmax	-0.831948	0.398896	-2.086	0.037
L13.VPact	0.644010	0.448832	1.435	0.151
L13.VPdef	0.893985	0.399067	2.240	0.025
L13.sh	0.225585	0.562146	0.401	0.688
L13.H2OC	0.085802	0.421988	0.203	0.839
L13.rho	-0.034634	0.061862	-0.560	0.576
L13.wv	-0.000005	0.000043	-0.108	0.914
L13.max. wv	-0.000197	0.001632	-0.121	0.904
L13.wd	-0.000085	0.000027	-3.201	0.001
L13.rain	0.044107	0.015181	2.905	0.004
L13.raining	-0.000056	0.000023	-2.382	0.017
L13.SWDR	-0.000613	0.000343	-1.785	0.074
L13.PAR	0.000353	0.000179	1.973	0.049
L13.max. PAR	0.000008	0.000005	1.529	0.126
L13.Tlog	0.008726	0.029229	0.299	0.765
L14.p	-0.032132	0.081299	-0.395	0.693
L14.T	0.548248	0.469560	1.168	0.243
L14.Tpot	-0.756095	0.391049	-1.934	0.053
L14.Tdew	0.012273	0.025889	0.474	0.635
L14.rh	-0.004305	0.004499	-0.957	0.339
L14.VPmax	-0.657314	0.342964	-1.917	0.055
L14.VPact	1.256543	0.393858	3.190	0.001
L14.VPdef	0.698190	0.343248	2.034	0.042
L14.sh	-0.415964	0.483766	-0.860	0.390
L14.H2OC	-0.268834	0.374616	-0.718	0.473
L14.rho	-0.033373	0.061440	-0.543	0.587
L14.wv	-0.000002	0.000036	-0.053	0.957
L14.max. wv	-0.000798	0.001577	-0.506	0.613
L14.wd	-0.000080	0.000025	-3.224	0.001
L14.rain	0.014422	0.014513	0.994	0.320
L14.raining	-0.000033	0.000023	-1.452	0.147
L14.SWDR	-0.000660	0.000336	-1.963	0.050
L14.PAR	0.000397	0.000175	2.267	0.023
L14.max. PAR	0.000014	0.000005	2.866	0.004
L14.Tlog	-0.005674	0.028576	-0.199	0.843
L15.p	-0.051898	0.076088	-0.682	0.495
L15.T	0.441159	0.392595	1.124	0.261
L15.Tpot	-0.143570	0.314641	-0.456	0.648
L15.Tdew	-0.051306	0.024874	-2.063	0.039
L15.rh	0.005819	0.004229	1.376	0.169
L15.VPmax	-0.375271	0.256505	-1.463	0.143
L15.VPact	0.767819	0.304462	2.522	0.012
L15.VPdef	0.364294	0.256822	1.418	0.156
L15.sh	-0.256040	0.360388	-0.710	0.477
L15.H2OC	-0.169996	0.293188	-0.580	0.562
L15.rho	0.058330	0.060429	0.965	0.334
L15.wv	-0.000002	0.000027	-0.090	0.928
L15.max. wv	0.000897	0.001435	0.625	0.532
L15.wd	-0.000029	0.000021	-1.363	0.173
L15.rain	0.045298	0.013626	3.324	0.001
L15.raining	-0.000053	0.000022	-2.408	0.016
L15.SWDR	0.000268	0.000320	0.837	0.403
L15.PAR	-0.000081	0.000168	-0.481	0.631
L15.max. PAR	0.000004	0.000004	0.950	0.342
L15.Tlog	0.019764	0.018345	1.077	0.281

Results for equation sh

	coefficient	std. error	t-stat	prob
const	-0.000002	0.000404	-0.004	0.997
L1.p	-0.049286	0.025979	-1.897	0.058
L1.T	0.218573	0.133661	1.635	0.102
L1.Tpot	0.050256	0.107262	0.469	0.639
L1.Tdew	0.013490	0.008533	1.581	0.114
L1.rh	0.001356	0.001453	0.933	0.351
L1.VPmax	0.029681	0.087205	0.340	0.734
L1.VPact	-0.075084	0.103470	-0.726	0.468
L1.VPdef	-0.078835	0.087263	-0.903	0.366
L1.sh	-0.974397	0.122596	-7.948	0.000
L1.H2OC	0.758276	0.000557	7.616	0.000

L1.rho	0.050248	0.020640	2.435	0.015
L1.wv	0.000005	0.000009	0.577	0.564
L1.max. wv	0.000195	0.000481	0.407	0.684
L1.wd	-0.000014	0.000007	-1.950	0.051
L1.rain	-0.027058	0.004621	-5.856	0.000
L1.raining	0.000063	0.000007	8.458	0.000
L1.SWDR	0.000461	0.000108	4.273	0.000
L1.PAR	-0.000254	0.000056	-4.505	0.000
L1.max. PAR	-0.000002	0.000001	-1.063	0.288
L1.Tlog	-0.017617	0.007153	-2.463	0.014
L2.p	-0.032422	0.027701	-1.170	0.242
L2.T	0.081090	0.160140	0.506	0.613
L2.Tpot	0.046845	0.133371	0.351	0.725
L2.Tdew	0.032707	0.008857	3.693	0.000
L2.rh	-0.001129	0.001534	-0.736	0.462
L2.VPmax	-0.060421	0.116633	-0.518	0.604
L2.VPact	-0.152822	0.133752	-1.143	0.253
L2.VPdef	0.043247	0.116746	0.370	0.711
L2.sh	-0.921616	0.164763	-5.594	0.000
L2.H2OC	0.726783	0.126989	5.723	0.000
L2.rho	0.027067	0.020901	1.295	0.195
L2.wv	0.000007	0.000012	0.590	0.555
L2.max. wv	0.001860	0.000524	3.551	0.000
L2.wd	0.000016	0.000008	1.937	0.053
L2.rain	0.008666	0.004937	1.755	0.079
L2.raining	0.000025	0.000008	3.297	0.001
L2.SWDR	0.000119	0.000114	1.049	0.294
L2.PAR	-0.000092	0.000060	-1.549	0.121
L2.max. PAR	-0.000005	0.000002	-2.789	0.005
L2.Tlog	0.072517	0.009779	7.415	0.000
L3.p	0.020555	0.028556	0.720	0.472
L3.T	0.028887	0.173430	0.167	0.868
L3.Tpot	-0.093424	0.146044	-0.640	0.522
L3.Tdew	-0.006714	0.008873	-0.757	0.449
L3.rh	0.002496	0.001537	1.624	0.104
L3.VPmax	-0.218465	0.135699	-1.610	0.107
L3.VPact	0.122700	0.152237	0.806	0.420
L3.VPdef	0.210484	0.135808	1.550	0.121
L3.sh	-0.756847	0.191562	-3.951	0.000
L3.H2OC	0.575667	0.142825	4.031	0.000
L3.rho	-0.019975	0.021027	-0.950	0.342
L3.wv	0.000010	0.000015	0.668	0.504
L3.max. wv	0.001351	0.000546	2.474	0.013
L3.wd	0.000018	0.000009	1.986	0.047
L3.rain	-0.032542	0.005174	-6.290	0.000
L3.raining	0.000026	0.000008	3.291	0.001
L3.SWDR	0.000040	0.000116	0.340	0.734
L3.PAR	-0.000044	0.000061	-0.730	0.465
L3.max. PAR	-0.000005	0.000002	-2.649	0.008
L3.Tlog	-0.034176	0.009950	-3.435	0.001
L4.p	0.000354	0.029025	0.012	0.990
L4.T	0.166191	0.180236	0.922	0.356
L4.Tpot	-0.211388	0.152390	-1.387	0.165
L4.Tdew	0.013014	0.008884	1.465	0.143
L4.rh	-0.000280	0.001539	-0.182	0.855
L4.VPmax	-0.093253	0.149212	-0.625	0.532
L4.VPact	-0.017694	0.164901	-0.107	0.915
L4.VPdef	0.090370	0.149336	0.605	0.545
L4.sh	-0.712749	0.209937	-3.395	0.001
L4.H2OC	0.540953	0.153163	3.532	0.000
L4.rho	-0.010254	0.021118	-0.486	0.627
L4.wv	0.000010	0.000016	0.613	0.540
L4.max. wv	0.001480	0.000560	2.644	0.008
L4.wd	0.000019	0.000009	2.052	0.040
L4.rain	0.005480	0.005355	1.023	0.306
L4.raining	0.000030	0.000008	3.651	0.000
L4.SWDR	0.000058	0.000118	0.493	0.622
L4.PAR	-0.000054	0.000061	-0.888	0.375
L4.max. PAR	-0.000001	0.000002	-0.539	0.590
L4.Tlog	-0.000669	0.009955	-0.067	0.946
L5.p	-0.000922	0.029252	-0.032	0.975
L5.T	0.182234	0.183327	0.994	0.320
L5.Tpot	-0.210668	0.155355	-1.356	0.175
L5.Tdew	0.008469	0.008888	0.953	0.341
L5.rh	-0.000181	0.001539	-0.117	0.907
L5.VPmax	-0.160721	0.158676	-1.013	0.311
L5.VPact	-0.147607	0.173629	-0.850	0.395
L5.VPdef	0.141100	0.158791	0.889	0.374
L5.sh	-0.451590	0.222737	-2.027	0.043
L5.H2OC	0.565563	0.160190	3.531	0.000
L5.rho	-0.010286	0.021181	-0.486	0.627
L5.wv	0.000013	0.000017	0.733	0.464
L5.max. wv	0.001000	0.000568	1.760	0.078
L5.wd	0.000026	0.000010	2.703	0.007

L5.rain	0.026431	0.005466	4.835	0.000
L5.raining	0.000027	0.000008	3.270	0.001
L5.SWDR	0.000008	0.000118	0.069	0.945
L5.PAR	-0.000026	0.000062	-0.427	0.669
L5.max. PAR	0.000002	0.000002	0.853	0.393
L5.Tlog	0.012568	0.009964	1.261	0.207
L6.p	-0.067240	0.029345	-2.291	0.022
L6.T	0.368709	0.184633	1.997	0.046
L6.Tpot	-0.153363	0.156573	-0.979	0.327
L6.Tdew	-0.034844	0.008891	-3.919	0.000
L6.rh	0.005457	0.001540	3.544	0.000
L6.VPmax	-0.090209	0.165214	-0.546	0.585
L6.VPact	0.030760	0.179695	0.171	0.864
L6.VPdef	0.055589	0.165315	0.336	0.737
L6.sh	-0.483789	0.231525	-2.090	0.037
L6.H2OC	0.364019	0.165206	2.203	0.028
L6.rho	0.036857	0.021215	1.737	0.082
L6.wv	0.000017	0.000018	0.932	0.351
L6.max. wv	0.001041	0.000573	1.817	0.069
L6.wd	0.000025	0.000010	2.520	0.012
L6.rain	-0.001534	0.005570	-0.275	0.783
L6.raining	0.000021	0.000008	2.488	0.013
L6.SWDR	-0.000190	0.000119	-1.602	0.109
L6.PAR	0.000087	0.000062	1.410	0.158
L6.max. PAR	-0.000001	0.000002	-0.652	0.514
L6.Tlog	0.029036	0.010016	2.899	0.004
L7.p	-0.095045	0.029385	-3.235	0.001
L7.T	0.600827	0.185041	3.247	0.001
L7.Tpot	-0.251352	0.156925	-1.602	0.109
L7.Tdew	0.003645	0.008887	0.410	0.682
L7.rh	0.000301	0.001539	0.196	0.845
L7.VPmax	-0.136971	0.168788	-0.811	0.417
L7.VPact	-0.126650	0.183147	-0.692	0.489
L7.VPdef	0.084270	0.168851	0.499	0.618
L7.sh	-0.345434	0.236380	-1.461	0.144
L7.H2OC	0.445911	0.168193	2.651	0.008
L7.rho	0.069917	0.021243	3.291	0.001
L7.wv	0.000018	0.000018	0.990	0.322
L7.max. wv	0.001767	0.000576	3.068	0.002
L7.wd	0.000019	0.000010	1.895	0.058
L7.rain	-0.021147	0.005632	-3.755	0.000
L7.raining	0.000041	0.000008	4.930	0.000
L7.SWDR	-0.000286	0.000119	-2.403	0.016
L7.PAR	0.000134	0.000062	2.165	0.030
L7.max. PAR	-0.000004	0.000002	-1.948	0.051
L7.Tlog	-0.042381	0.010022	-4.229	0.000
L8.p	-0.063275	0.029400	-2.152	0.031
L8.T	0.452347	0.185069	2.444	0.015
L8.Tpot	-0.265039	0.156871	-1.690	0.091
L8.Tdew	0.002933	0.008881	0.330	0.741
L8.rh	0.001081	0.001539	0.703	0.482
L8.VPmax	-0.173122	0.169991	-1.018	0.308
L8.VPact	-0.171975	0.184346	-0.933	0.351
L8.VPdef	0.143386	0.170045	0.843	0.399
L8.sh	-0.259201	0.237830	-1.090	0.276
L8.H2OC	0.493135	0.169117	2.916	0.004
L8.rho	0.036207	0.021265	1.703	0.089
L8.wv	0.000013	0.000019	0.705	0.481
L8.max. wv	0.002390	0.000577	4.141	0.000
L8.wd	0.000012	0.000010	1.215	0.224
L8.rain	-0.005474	0.005651	-0.969	0.333
L8.raining	0.000027	0.000008	3.271	0.001
L8.SWDR	-0.000220	0.000119	-1.851	0.064
L8.PAR	0.000088	0.000062	1.418	0.156
L8.max. PAR	-0.000004	0.000002	-1.997	0.046
L8.Tlog	0.032740	0.010037	3.262	0.001
L9.p	-0.054262	0.029378	-1.847	0.065
L9.T	0.314381	0.184871	1.701	0.089
L9.Tpot	-0.160915	0.156613	-1.027	0.304
L9.Tdew	-0.014599	0.008872	-1.646	0.100
L9.rh	0.002101	0.001538	1.366	0.172
L9.VPmax	-0.023271	0.168768	-0.138	0.890
L9.VPact	-0.176450	0.183284	-0.963	0.336
L9.VPdef	0.017530	0.168793	0.104	0.917
L9.sh	-0.154584	0.236238	-0.654	0.513
L9.H2OC	0.316833	0.168418	1.881	0.060
L9.rho	0.031789	0.021249	1.496	0.135
L9.wv	0.000014	0.000018	0.768	0.443
L9.max. wv	0.001948	0.000576	3.381	0.001
L9.wd	0.000007	0.000010	0.671	0.502
L9.rain	-0.010422	0.005631	-1.851	0.064
L9.raining	0.000030	0.000008	3.610	0.000
L9.SWDR	-0.000663	0.000119	-5.572	0.000
L9.PAR	0.000325	0.000062	5.263	0.000
L9.max. PAR	-0.000000	0.000002	-0.209	0.835

L9.Tlog	-0.013001	0.010030	-1.296	0.195
L10.p	0.003083	0.029336	0.105	0.916
L10.T	0.119097	0.184362	0.646	0.518
L10.Tpot	-0.167744	0.156030	-1.075	0.282
L10.Tdew	0.000214	0.008866	0.024	0.981
L10.rh	-0.000683	0.001537	-0.444	0.657
L10.VPmax	-0.036985	0.165138	-0.224	0.823
L10.VPact	-0.164947	0.180057	-0.916	0.360
L10.VPdef	0.031993	0.165148	0.194	0.846
L10.sh	-0.116173	0.231168	-0.503	0.615
L10.H2OC	0.260500	0.165847	1.571	0.116
L10.rho	-0.012138	0.021221	-0.572	0.567
L10.wv	0.000014	0.000018	0.753	0.451
L10.max. wv	0.001610	0.000575	2.801	0.005
L10.wd	0.000001	0.000010	0.133	0.894
L10.rain	-0.017419	0.005560	-3.133	0.002
L10.raining	0.000017	0.000008	2.073	0.038
L10.SWDR	-0.000225	0.000119	-1.892	0.059
L10.PAR	0.000102	0.000062	1.653	0.098
L10.max. PAR	-0.000004	0.000002	-1.903	0.057
L10.Tlog	-0.007243	0.010018	-0.723	0.470
L11.p	0.033018	0.029223	1.130	0.259
L11.T	0.010062	0.182868	0.055	0.956
L11.Tpot	-0.237953	0.154652	-1.539	0.124
L11.Tdew	0.018304	0.008852	2.068	0.039
L11.rh	-0.002387	0.001536	-1.554	0.120
L11.VPmax	-0.000069	0.158615	-0.000	1.000
L11.VPact	-0.016428	0.174013	-0.094	0.925
L11.VPdef	0.029657	0.158627	0.187	0.852
L11.sh	0.055819	0.222198	0.251	0.802
L11.H2OC	-0.011708	0.161087	-0.073	0.942
L11.rho	-0.043698	0.021188	-2.062	0.039
L11.wv	0.000010	0.000017	0.591	0.555
L11.max. wv	0.001714	0.000571	2.998	0.003
L11.wd	0.000010	0.000010	1.019	0.308
L11.rain	0.011828	0.005457	2.168	0.030
L11.raining	0.000018	0.000008	2.244	0.025
L11.SWDR	-0.000303	0.000118	-2.556	0.011
L11.PAR	0.000135	0.000062	2.187	0.029
L11.max. PAR	-0.000004	0.000002	-2.254	0.024
L11.Tlog	0.004154	0.009971	0.417	0.677
L12.p	0.020842	0.028985	0.719	0.472
L12.T	0.060901	0.179644	0.339	0.735
L12.Tpot	-0.236065	0.151678	-1.556	0.120
L12.Tdew	0.007177	0.008844	0.811	0.417
L12.rh	-0.002417	0.001535	-1.574	0.115
L12.VPmax	0.116375	0.149095	0.781	0.435
L12.VPact	-0.131123	0.165371	-0.793	0.428
L12.VPdef	-0.093167	0.149160	-0.625	0.532
L12.sh	0.047828	0.209462	0.228	0.819
L12.H2OC	-0.002863	0.153940	-0.019	0.985
L12.rho	-0.032798	0.021124	-1.553	0.120
L12.wv	0.000005	0.000016	0.308	0.758
L12.max. wv	0.001132	0.000565	2.002	0.045
L12.wd	0.000017	0.000009	1.798	0.072
L12.rain	-0.007455	0.005343	-1.395	0.163
L12.raining	0.000024	0.000008	3.007	0.003
L12.SWDR	-0.000061	0.000118	-0.517	0.605
L12.PAR	0.000013	0.000061	0.217	0.828
L12.max. PAR	-0.000004	0.000002	-2.321	0.020
L12.Tlog	-0.026974	0.009950	-2.711	0.007
L13.p	0.008692	0.028520	0.305	0.761
L13.T	0.002774	0.172901	0.016	0.987
L13.Tpot	-0.055625	0.145396	-0.383	0.702
L13.Tdew	-0.019261	0.008821	-2.184	0.029
L13.rh	0.002395	0.001532	1.563	0.118
L13.VPmax	0.162274	0.135634	1.196	0.232
L13.VPact	-0.208458	0.152614	-1.366	0.172
L13.VPdef	-0.164299	0.135692	-1.211	0.226
L13.sh	-0.033529	0.191143	-0.175	0.861
L13.H2OC	0.079091	0.143486	0.551	0.581
L13.rho	-0.014739	0.021035	-0.701	0.483
L13.wv	0.000003	0.000015	0.197	0.844
L13.max. wv	0.001154	0.000555	2.080	0.038
L13.wd	-0.000004	0.000009	-0.494	0.621
L13.rain	-0.013002	0.005162	-2.519	0.012
L13.raining	0.000009	0.000008	1.128	0.259
L13.SWDR	-0.000044	0.000117	-0.380	0.704
L13.PAR	0.000009	0.000061	0.146	0.884
L13.max. PAR	-0.000004	0.000002	-2.168	0.030
L13.Tlog	0.012080	0.009938	1.215	0.224
L14.p	-0.019294	0.027644	-0.698	0.485
L14.T	0.063768	0.159662	0.399	0.690
L14.Tpot	0.025237	0.132966	0.190	0.849
L14.Tdew	0.000547	0.008803	0.062	0.950

L14.rh	0.000346	0.001530	0.226	0.821
L14.VPmax	0.141125	0.116616	1.210	0.226
L14.VPact	-0.340412	0.133921	-2.542	0.011
L14.VPdef	-0.142973	0.116713	-1.225	0.221
L14.sh	0.146618	0.164492	0.891	0.373
L14.H2OC	0.097401	0.127379	0.765	0.444
L14.rho	0.019415	0.020891	0.929	0.353
L14.wv	0.000005	0.000012	0.416	0.677
L14.max. wv	0.000750	0.000536	1.398	0.162
L14.wd	0.000001	0.000008	0.126	0.900
L14.rain	-0.003702	0.004935	-0.750	0.453
L14.raining	0.000006	0.000008	0.837	0.403
L14.SWDR	0.000116	0.000114	1.013	0.311
L14.PAR	-0.000078	0.000060	-1.314	0.189
L14.max. PAR	-0.000003	0.000002	-1.761	0.078
L14.Tlog	-0.012762	0.009716	-1.313	0.189
L15.p	-0.038697	0.025872	-1.496	0.135
L15.T	0.150934	0.133492	1.131	0.258
L15.Tpot	-0.095311	0.106986	-0.891	0.373
L15.Tdew	0.025807	0.008458	3.051	0.002
L15.rh	-0.002619	0.001438	-1.822	0.069
L15.VPmax	0.043453	0.087218	0.498	0.618
L15.VPact	-0.226697	0.103524	-2.190	0.029
L15.VPdef	-0.047533	0.087326	-0.544	0.586
L15.sh	0.060926	0.122541	0.497	0.619
L15.H2OC	0.129437	0.099691	1.298	0.194
L15.rho	0.015526	0.020547	0.756	0.450
L15.wv	0.000005	0.000009	0.602	0.547
L15.max. wv	0.000530	0.000488	1.086	0.277
L15.wd	0.000006	0.000007	0.781	0.435
L15.rain	-0.014716	0.004633	-3.176	0.001
L15.raining	0.000015	0.000007	2.038	0.042
L15.SWDR	0.000091	0.000109	0.834	0.404
L15.PAR	-0.000068	0.000057	-1.192	0.233
L15.max. PAR	-0.000004	0.000001	-2.957	0.003
L15.Tlog	0.012724	0.006238	2.040	0.041

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Results for equation H2OC

	coefficient	std. error	t-stat	prob
const	-0.000003	0.000643	-0.005	0.996
L1.p	-0.078348	0.041319	-1.896	0.058
L1.T	0.339009	0.212581	1.595	0.111
L1.Tpot	0.089307	0.170595	0.524	0.601
L1.Tdew	0.028590	0.013571	2.107	0.035
L1.rh	0.002152	0.002312	0.931	0.352
L1.VPmax	0.040154	0.138694	0.290	0.772
L1.VPact	-0.129053	0.164563	-0.784	0.433
L1.VPdef	-0.118408	0.138787	-0.853	0.394
L1.sh	-0.066275	0.194983	-0.340	0.734
L1.H2OC	0.281790	0.158340	1.780	0.075
L1.rho	0.080167	0.032826	2.442	0.015
L1.wv	0.000009	0.000014	0.627	0.531
L1.max. wv	0.000342	0.000764	0.447	0.655
L1.wd	-0.000022	0.000012	-1.933	0.053
L1.rain	-0.043325	0.007349	-5.895	0.000
L1.raining	0.000100	0.000012	8.509	0.000
L1.SWDR	0.000748	0.000171	4.363	0.000
L1.PAR	-0.000412	0.000090	-4.591	0.000
L1.max. PAR	-0.000002	0.000002	-1.089	0.276
L1.Tlog	-0.028421	0.011376	-2.498	0.012
L2.p	-0.050131	0.044057	-1.138	0.255
L2.T	0.120069	0.254694	0.471	0.637
L2.Tpot	0.079582	0.212120	0.375	0.708
L2.Tdew	0.057679	0.014087	4.095	0.000
L2.rh	-0.001841	0.002440	-0.755	0.450
L2.VPmax	-0.103523	0.185498	-0.558	0.577
L2.VPact	-0.249330	0.212726	-1.172	0.241
L2.VPdef	0.076652	0.185678	0.413	0.680
L2.sh	-0.106898	0.262046	-0.408	0.683
L2.H2OC	0.309333	0.201968	1.532	0.126
L2.rho	0.042266	0.033242	1.271	0.204
L2.wv	0.000013	0.000020	0.639	0.523
L2.max. wv	0.003006	0.000833	3.609	0.000
L2.wd	0.000027	0.000013	2.004	0.045
L2.rain	0.013826	0.007852	1.761	0.078
L2.raining	0.000041	0.000012	3.295	0.001
L2.SWDR	0.000203	0.000181	1.117	0.264
L2.PAR	-0.000153	0.000095	-1.619	0.105
L2.max. PAR	-0.000007	0.000003	-2.852	0.004
L2.Tlog	0.115861	0.015554	7.449	0.000
L3.p	0.034048	0.045416	0.750	0.453
L3.T	0.040112	0.275021	0.146	0.884

L3.Tpot	-0.145862	0.232274	-0.628	0.530
L3.Tdew	-0.005244	0.014112	-0.372	0.710
L3.rh	0.003980	0.002444	1.628	0.103
L3.VPmax	-0.350484	0.215822	-1.624	0.104
L3.VPact	0.190571	0.242125	0.787	0.431
L3.VPdef	0.338117	0.215995	1.565	0.117
L3.sh	0.031461	0.304669	0.103	0.918
L3.H2OC	0.140387	0.227155	0.618	0.537
L3.rho	-0.032404	0.033442	-0.969	0.333
L3.wv	0.000016	0.000023	0.686	0.493
L3.max. wv	0.002188	0.000868	2.520	0.012
L3.wd	0.000029	0.000014	2.000	0.045
L3.rain	-0.051565	0.008229	-6.266	0.000
L3.raining	0.000042	0.000013	3.336	0.001
L3.SWDR	0.000065	0.000185	0.350	0.726
L3.PAR	-0.000071	0.000096	-0.740	0.459
L3.max. PAR	-0.000008	0.000003	-2.677	0.007
L3.Tlog	-0.054298	0.015825	-3.431	0.001
L4.p	-0.000983	0.046162	-0.021	0.983
L4.T	0.261764	0.286656	0.913	0.361
L4.Tpot	-0.325141	0.242367	-1.342	0.180
L4.Tdew	0.025337	0.014130	1.793	0.073
L4.rh	-0.000576	0.002448	-0.235	0.814
L4.VPmax	-0.150541	0.237314	-0.634	0.526
L4.VPact	-0.037895	0.262266	-0.144	0.885
L4.VPdef	0.145360	0.237510	0.612	0.541
L4.sh	-0.006023	0.333894	-0.018	0.986
L4.H2OC	0.159221	0.243598	0.654	0.513
L4.rho	-0.014343	0.033587	-0.427	0.669
L4.wv	0.000016	0.000026	0.618	0.537
L4.max. wv	0.002310	0.000891	2.594	0.009
L4.wd	0.000031	0.000015	2.068	0.039
L4.rain	0.008810	0.008517	1.034	0.301
L4.raining	0.000047	0.000013	3.630	0.000
L4.SWDR	0.000082	0.000187	0.437	0.662
L4.PAR	-0.000081	0.000097	-0.829	0.407
L4.max. PAR	-0.000002	0.000003	-0.606	0.545
L4.Tlog	-0.001330	0.015833	-0.084	0.933
L5.p	0.000569	0.046524	0.012	0.990
L5.T	0.268217	0.291571	0.920	0.358
L5.Tpot	-0.316410	0.247083	-1.281	0.200
L5.Tdew	0.016596	0.014135	1.174	0.240
L5.rh	-0.000262	0.002448	-0.107	0.915
L5.VPmax	-0.251637	0.252366	-0.997	0.319
L5.VPact	-0.240544	0.276147	-0.871	0.384
L5.VPdef	0.220655	0.252547	0.874	0.382
L5.sh	0.310410	0.354251	0.876	0.381
L5.H2OC	0.251316	0.254773	0.986	0.324
L5.rho	-0.017062	0.033687	-0.506	0.613
L5.wv	0.000020	0.000027	0.727	0.467
L5.max. wv	0.001583	0.000904	1.751	0.080
L5.wd	0.000042	0.000015	2.703	0.007
L5.rain	0.042123	0.008694	4.845	0.000
L5.raining	0.000043	0.000013	3.305	0.001
L5.SWDR	0.000017	0.000188	0.088	0.930
L5.PAR	-0.000044	0.000098	-0.447	0.655
L5.max. PAR	0.000002	0.000003	0.823	0.410
L5.Tlog	0.019849	0.015848	1.252	0.210
L6.p	-0.104313	0.046671	-2.235	0.025
L6.T	0.567516	0.293649	1.933	0.053
L6.Tpot	-0.230282	0.249021	-0.925	0.355
L6.Tdew	-0.050965	0.014140	-3.604	0.000
L6.rh	0.008611	0.002449	3.517	0.000
L6.VPmax	-0.136716	0.262764	-0.520	0.603
L6.VPact	0.043682	0.285794	0.153	0.879
L6.VPdef	0.082275	0.262925	0.313	0.754
L6.sh	0.152059	0.368228	0.413	0.680
L6.H2OC	-0.006359	0.262751	-0.024	0.981
L6.rho	0.057623	0.033742	1.708	0.088
L6.wv	0.000026	0.000029	0.907	0.364
L6.max. wv	0.001674	0.000911	1.837	0.066
L6.wd	0.000040	0.000016	2.546	0.011
L6.rain	-0.002320	0.008859	-0.262	0.793
L6.raining	0.000032	0.000013	2.466	0.014
L6.SWDR	-0.000296	0.000189	-1.567	0.117
L6.PAR	0.000135	0.000098	1.375	0.169
L6.max. PAR	-0.000002	0.000003	-0.689	0.491
L6.Tlog	0.047026	0.015931	2.952	0.003
L7.p	-0.149909	0.046735	-3.208	0.001
L7.T	0.947300	0.294298	3.219	0.001
L7.Tpot	-0.392278	0.249580	-1.572	0.116
L7.Tdew	0.008590	0.014135	0.608	0.543
L7.rh	0.000516	0.002448	0.211	0.833
L7.VPmax	-0.217140	0.268448	-0.809	0.419

L7.VPact	-0.200836	0.291286	-0.689	0.491
L7.VPdef	0.133653	0.268547	0.498	0.619
L7.sh	0.268847	0.375950	0.715	0.475
L7.H2OC	0.190348	0.267502	0.712	0.477
L7.rho	0.111029	0.033785	3.286	0.001
L7.wv	0.000029	0.000029	0.981	0.327
L7.max. wv	0.002866	0.000916	3.129	0.002
L7.wd	0.000031	0.000016	1.927	0.054
L7.rain	-0.033417	0.008957	-3.731	0.000
L7.raining	0.000064	0.000013	4.852	0.000
L7.SWDR	-0.000456	0.000189	-2.413	0.016
L7.PAR	0.000214	0.000098	2.177	0.029
L7.max. PAR	-0.000006	0.000003	-1.951	0.051
L7.Tlog	-0.068519	0.015939	-4.299	0.000
L8.p	-0.099661	0.046758	-2.131	0.033
L8.T	0.715626	0.294341	2.431	0.015
L8.Tpot	-0.423706	0.249494	-1.698	0.089
L8.Tdew	0.007155	0.014124	0.507	0.612
L8.rh	0.001741	0.002447	0.712	0.477
L8.VPmax	-0.269886	0.270361	-0.998	0.318
L8.VPact	-0.270669	0.293191	-0.923	0.356
L8.VPdef	0.222950	0.270447	0.824	0.410
L8.sh	0.313512	0.378255	0.829	0.407
L8.H2OC	0.316657	0.268970	1.177	0.239
L8.rho	0.056258	0.033821	1.663	0.096
L8.wv	0.000020	0.000030	0.691	0.489
L8.max. wv	0.003820	0.000918	4.162	0.000
L8.wd	0.000020	0.000016	1.229	0.219
L8.rain	-0.008851	0.008988	-0.985	0.325
L8.raining	0.000043	0.000013	3.280	0.001
L8.SWDR	-0.000360	0.000189	-1.904	0.057
L8.PAR	0.000145	0.000098	1.472	0.141
L8.max. PAR	-0.000007	0.000003	-2.052	0.040
L8.Tlog	0.052675	0.015963	3.300	0.001
L9.p	-0.085317	0.046724	-1.826	0.068
L9.T	0.492043	0.294027	1.673	0.094
L9.Tpot	-0.250187	0.249084	-1.004	0.315
L9.Tdew	-0.020299	0.014110	-1.439	0.150
L9.rh	0.003211	0.002445	1.313	0.189
L9.VPmax	-0.027496	0.268416	-0.102	0.918
L9.VPact	-0.278753	0.291503	-0.956	0.339
L9.VPdef	0.018880	0.268456	0.070	0.944
L9.sh	0.385463	0.375724	1.026	0.305
L9.H2OC	0.093585	0.267859	0.349	0.727
L9.rho	0.050260	0.033796	1.487	0.137
L9.wv	0.000022	0.000029	0.757	0.449
L9.max. wv	0.003132	0.000916	3.417	0.001
L9.wd	0.000011	0.000016	0.695	0.487
L9.rain	-0.016706	0.008956	-1.865	0.062
L9.raining	0.000048	0.000013	3.652	0.000
L9.SWDR	-0.001069	0.000189	-5.647	0.000
L9.PAR	0.000525	0.000098	5.340	0.000
L9.max. PAR	-0.000001	0.000003	-0.235	0.814
L9.Tlog	-0.022219	0.015953	-1.393	0.164
L10.p	0.005131	0.046658	0.110	0.912
L10.T	0.177020	0.293217	0.604	0.546
L10.Tpot	-0.249140	0.248158	-1.004	0.315
L10.Tdew	0.001576	0.014102	0.112	0.911
L10.rh	-0.001135	0.002445	-0.464	0.642
L10.VPmax	-0.051699	0.262643	-0.197	0.844
L10.VPact	-0.264841	0.286370	-0.925	0.355
L10.VPdef	0.042987	0.262658	0.164	0.870
L10.sh	0.350181	0.367660	0.952	0.341
L10.H2OC	0.072100	0.263770	0.273	0.785
L10.rho	-0.018214	0.033751	-0.540	0.589
L10.wv	0.000022	0.000029	0.768	0.442
L10.max. wv	0.002525	0.000914	2.762	0.006
L10.wd	0.000002	0.000016	0.144	0.886
L10.rain	-0.027689	0.008843	-3.131	0.002
L10.raining	0.000028	0.000013	2.107	0.035
L10.SWDR	-0.000364	0.000189	-1.922	0.055
L10.PAR	0.000166	0.000098	1.687	0.092
L10.max. PAR	-0.000006	0.000003	-1.978	0.048
L10.Tlog	-0.010490	0.015932	-0.658	0.510
L11.p	0.054339	0.046478	1.169	0.242
L11.T	0.000172	0.290842	0.001	1.000
L11.Tpot	-0.366289	0.245966	-1.489	0.136
L11.Tdew	0.031135	0.014079	2.212	0.027
L11.rh	-0.003837	0.002443	-1.571	0.116
L11.VPmax	-0.000940	0.252268	-0.004	0.997
L11.VPact	-0.039111	0.276757	-0.141	0.888
L11.VPdef	0.048728	0.252287	0.193	0.847
L11.sh	0.552832	0.353394	1.564	0.118
L11.H2OC	-0.298074	0.256200	-1.163	0.245
L11.rho	-0.070151	0.033698	-2.082	0.037

L11.wv	0.000018	0.000027	0.643	0.520
L11.max. wv	0.002712	0.000909	2.984	0.003
L11.wd	0.000016	0.000016	1.014	0.311
L11.rain	0.019196	0.008678	2.212	0.027
L11.raining	0.000030	0.000013	2.303	0.021
L11.SWDR	-0.000478	0.000188	-2.539	0.011
L11.PAR	0.000213	0.000098	2.177	0.029
L11.max. PAR	-0.000007	0.000003	-2.308	0.021
L11.Tlog	0.007259	0.015859	0.458	0.647
L12.p	0.032537	0.046098	0.706	0.480
L12.T	0.090554	0.285713	0.317	0.751
L12.Tpot	-0.365723	0.241235	-1.516	0.130
L12.Tdew	0.012467	0.014066	0.886	0.375
L12.rh	-0.003641	0.002442	-1.491	0.136
L12.VPmax	0.180025	0.237127	0.759	0.448
L12.VPact	-0.217553	0.263013	-0.827	0.408
L12.VPdef	-0.143484	0.237230	-0.605	0.545
L12.sh	0.443979	0.333137	1.333	0.183
L12.H2OC	-0.224294	0.244833	-0.916	0.360
L12.rho	-0.051616	0.033596	-1.536	0.124
L12.wv	0.000009	0.000026	0.368	0.713
L12.max. wv	0.001807	0.000899	2.010	0.044
L12.wd	0.000027	0.000015	1.806	0.071
L12.rain	-0.012026	0.008498	-1.415	0.157
L12.raining	0.000040	0.000013	3.110	0.002
L12.SWDR	-0.000104	0.000187	-0.552	0.581
L12.PAR	0.000025	0.000098	0.255	0.799
L12.max. PAR	-0.000007	0.000003	-2.400	0.016
L12.Tlog	-0.044099	0.015826	-2.787	0.005
L13.p	0.018497	0.045360	0.408	0.683
L13.T	-0.021006	0.274989	-0.076	0.939
L13.Tpot	-0.076191	0.231245	-0.329	0.742
L13.Tdew	-0.029848	0.014030	-2.127	0.033
L13.rh	0.003767	0.002437	1.546	0.122
L13.VPmax	0.259921	0.215719	1.205	0.228
L13.VPact	-0.335255	0.242724	-1.381	0.167
L13.VPdef	-0.261744	0.215811	-1.213	0.225
L13.sh	0.214038	0.304003	0.704	0.481
L13.H2OC	-0.040778	0.228207	-0.179	0.858
L13.rho	-0.026169	0.033455	-0.782	0.434
L13.wv	0.000006	0.000023	0.263	0.793
L13.max. wv	0.001838	0.000882	2.083	0.037
L13.wd	-0.000007	0.000014	-0.491	0.624
L13.rain	-0.020830	0.008210	-2.537	0.011
L13.raining	0.000015	0.000013	1.177	0.239
L13.SWDR	-0.000078	0.000186	-0.421	0.674
L13.PAR	0.000018	0.000097	0.190	0.849
L13.max. PAR	-0.000006	0.000003	-2.232	0.026
L13.Tlog	0.020046	0.015807	1.268	0.205
L14.p	-0.029098	0.043966	-0.662	0.508
L14.T	0.091991	0.253933	0.362	0.717
L14.Tpot	0.044776	0.211475	0.212	0.832
L14.Tdew	0.001373	0.014001	0.098	0.922
L14.rh	0.000542	0.002433	0.223	0.824
L14.VPmax	0.219729	0.185471	1.185	0.236
L14.VPact	-0.536057	0.212994	-2.517	0.012
L14.VPdef	-0.222115	0.185625	-1.197	0.231
L14.sh	0.410890	0.261616	1.571	0.116
L14.H2OC	0.042194	0.202589	0.208	0.835
L14.rho	0.029845	0.033226	0.898	0.369
L14.wv	0.000009	0.000020	0.475	0.635
L14.max. wv	0.001216	0.000853	1.426	0.154
L14.wd	0.000002	0.000013	0.128	0.898
L14.rain	-0.005929	0.007848	-0.755	0.450
L14.raining	0.000011	0.000012	0.858	0.391
L14.SWDR	0.000181	0.000182	0.996	0.319
L14.PAR	-0.000123	0.000095	-1.295	0.195
L14.max. PAR	-0.000005	0.000003	-1.810	0.070
L14.Tlog	-0.019989	0.015454	-1.293	0.196
L15.p	-0.057905	0.041148	-1.407	0.159
L15.T	0.224348	0.212311	1.057	0.291
L15.Tpot	-0.148990	0.170155	-0.876	0.381
L15.Tdew	0.041177	0.013452	3.061	0.002
L15.rh	-0.004161	0.002287	-1.819	0.069
L15.VPmax	0.060689	0.138715	0.438	0.662
L15.VPact	-0.353508	0.164650	-2.147	0.032
L15.VPdef	-0.065779	0.138887	-0.474	0.636
L15.sh	0.195287	0.194894	1.002	0.316
L15.H2OC	0.145201	0.158553	0.916	0.360
L15.rho	0.021933	0.032680	0.671	0.502
L15.wv	0.000009	0.000014	0.645	0.519
L15.max. wv	0.000853	0.000776	1.100	0.272
L15.wd	0.000009	0.000012	0.777	0.437
L15.rain	-0.023506	0.007369	-3.190	0.001
L15.raining	0.000024	0.000012	2.009	0.045

L15.SWDR	0.000148	0.000173	0.855	0.393
L15.PAR	-0.000110	0.000091	-1.214	0.225
L15.max. PAR	-0.000007	0.000002	-2.987	0.003
L15.Tlog	0.019727	0.009921	1.988	0.047

Results for equation rho

	coefficient	std. error	t-stat	prob
const	0.000026	0.003501	0.007	0.994
L1.p	1.640751	0.224945	7.294	0.000
L1.T	-2.095314	1.157326	-1.810	0.070
L1.Tpot	-3.023388	0.928748	-3.255	0.001
L1.Tdew	-0.240098	0.073882	-3.250	0.001
L1.rh	0.046143	0.012585	3.667	0.000
L1.VPmax	0.208656	0.755076	0.276	0.782
L1.VPact	1.435869	0.895907	1.603	0.109
L1.VPdef	0.933628	0.755583	1.236	0.217
L1.sh	1.033512	1.061519	0.974	0.330
L1.H2OC	-1.003978	0.862030	-1.165	0.244
L1.rho	-0.592898	0.178712	-3.318	0.001
L1.wv	0.000013	0.000078	0.173	0.863
L1.max. wv	0.112377	0.004161	27.009	0.000
L1.wd	-0.000680	0.000063	-10.832	0.000
L1.rain	0.480432	0.040011	12.007	0.000
L1.raining	0.001182	0.000064	18.447	0.000
L1.SWDR	-0.002344	0.000933	-2.512	0.012
L1.PAR	-0.001190	0.000489	-2.436	0.015
L1.max. PAR	-0.000089	0.000012	-7.258	0.000
L1.Tlog	-0.432239	0.061933	-6.979	0.000
L2.p	0.018988	0.239852	0.079	0.937
L2.T	0.009555	1.386596	0.007	0.995
L2.Tpot	0.310160	1.154815	0.269	0.788
L2.Tdew	0.284463	0.076692	3.709	0.000
L2.rh	-0.084225	0.013282	-6.341	0.000
L2.VPmax	-0.787540	1.009883	-0.780	0.435
L2.VPact	0.940956	1.158115	0.812	0.417
L2.VPdef	0.668456	1.010861	0.661	0.508
L2.sh	1.865722	1.426622	1.308	0.191
L2.H2OC	-1.649419	1.099551	-1.500	0.134
L2.rho	0.043927	0.180974	0.243	0.808
L2.wv	-0.000019	0.000107	-0.181	0.856
L2.max. wv	0.016306	0.004535	3.595	0.000
L2.wd	-0.000079	0.000073	-1.084	0.278
L2.rain	0.106051	0.042750	2.481	0.013
L2.raining	0.000631	0.000067	9.429	0.000
L2.SWDR	-0.000157	0.000987	-0.159	0.874
L2.PAR	-0.000166	0.000515	-0.322	0.747
L2.max. PAR	-0.000039	0.000014	-2.741	0.006
L2.Tlog	-0.275602	0.084676	-3.255	0.001
L3.p	-0.387018	0.247253	-1.565	0.118
L3.T	-0.016492	1.501672	-0.011	0.991
L3.Tpot	1.355030	1.264540	1.072	0.284
L3.Tdew	0.077000	0.076829	1.002	0.316
L3.rh	-0.026167	0.013305	-1.967	0.049
L3.VPmax	0.218224	1.174972	0.186	0.853
L3.VPact	0.945972	1.318167	0.718	0.473
L3.VPdef	-0.071199	1.175912	-0.061	0.952
L3.sh	0.821336	1.658671	0.495	0.620
L3.H2OC	-1.374094	1.236670	-1.111	0.267
L3.rho	0.436616	0.182064	2.398	0.016
L3.wv	-0.000043	0.000126	-0.339	0.735
L3.max. wv	0.023554	0.004727	4.982	0.000
L3.wd	0.000148	0.000078	1.893	0.058
L3.rain	0.011562	0.044799	0.258	0.796
L3.raining	0.000573	0.000069	8.294	0.000
L3.SWDR	0.003296	0.001007	3.273	0.001
L3.PAR	-0.002261	0.000525	-4.306	0.000
L3.max. PAR	-0.000027	0.000015	-1.765	0.078
L3.Tlog	0.087396	0.086154	1.014	0.310
L4.p	-0.520949	0.251313	-2.073	0.038
L4.T	1.433784	1.560604	0.919	0.358
L4.Tpot	0.995881	1.319488	0.755	0.450
L4.Tdew	0.027808	0.076924	0.361	0.718
L4.rh	0.000334	0.013327	0.025	0.980
L4.VPmax	-0.400675	1.291977	-0.310	0.756
L4.VPact	0.800888	1.427821	0.561	0.575
L4.VPdef	0.130674	1.293045	0.101	0.920
L4.sh	1.600429	1.817774	0.880	0.379
L4.H2OC	-1.586704	1.326188	-1.196	0.232
L4.rho	0.514415	0.182855	2.813	0.005
L4.wv	-0.000032	0.000139	-0.229	0.819
L4.max. wv	0.014822	0.004848	3.057	0.002
L4.wd	0.000154	0.000083	1.810	0.072

L4.wv	0.000334	0.000004	4.310	0.000
L4.rain	-0.083079	0.046365	-1.792	0.073
L4.raining	0.000483	0.000070	6.896	0.000
L4.SWDR	0.002199	0.001018	2.159	0.031
L4.PAR	-0.001560	0.000530	-2.941	0.003
L4.max. PAR	-0.000060	0.000016	-3.749	0.000
L4.Tlog	-0.140741	0.086198	-1.633	0.103
L5.p	-0.251089	0.253284	-0.991	0.322
L5.T	0.649219	1.587362	0.409	0.683
L5.Tpot	0.303173	1.345164	0.225	0.822
L5.Tdew	0.026984	0.076955	0.351	0.726
L5.rh	-0.015338	0.013326	-1.151	0.250
L5.VPmax	-0.557527	1.373921	-0.406	0.685
L5.VPact	0.118010	1.503391	0.078	0.937
L5.VPdef	0.502220	1.374911	0.365	0.715
L5.sh	0.145772	1.928602	0.076	0.940
L5.H2OC	0.303541	1.387028	0.219	0.827
L5.rho	0.254734	0.183400	1.389	0.165
L5.wv	-0.000118	0.000149	-0.788	0.431
L5.max. wv	0.008365	0.004920	1.700	0.089
L5.wd	0.000361	0.000084	4.278	0.000
L5.rain	-0.003800	0.047332	-0.080	0.936
L5.raining	0.000368	0.000071	5.194	0.000
L5.SWDR	0.004503	0.001024	4.399	0.000
L5.PAR	-0.002663	0.000533	-5.000	0.000
L5.max. PAR	-0.000021	0.000017	-1.279	0.201
L5.Tlog	-0.055412	0.086279	-0.642	0.521
L6.p	-0.400978	0.254084	-1.578	0.115
L6.T	-0.220255	1.598675	-0.138	0.890
L6.Tpot	2.144542	1.355711	1.582	0.114
L6.Tdew	0.106777	0.076982	1.387	0.165
L6.rh	-0.023177	0.013331	-1.739	0.082
L6.VPmax	-0.472948	1.430533	-0.331	0.741
L6.VPact	-1.237503	1.555914	-0.795	0.426
L6.VPdef	0.317205	1.431406	0.222	0.825
L6.sh	0.321672	2.004697	0.160	0.873
L6.H2OC	1.421152	1.430462	0.993	0.320
L6.rho	0.455502	0.183697	2.480	0.013
L6.wv	-0.000192	0.000156	-1.230	0.219
L6.max. wv	-0.002638	0.004961	-0.532	0.595
L6.wd	0.000471	0.000086	5.498	0.000
L6.rain	-0.024596	0.048232	-0.510	0.610
L6.raining	0.000217	0.000071	3.047	0.002
L6.SWDR	0.002366	0.001027	2.304	0.021
L6.PAR	-0.001496	0.000534	-2.801	0.005
L6.max. PAR	-0.000022	0.000017	-1.323	0.186
L6.Tlog	-0.081270	0.086729	-0.937	0.349
L7.p	-0.007651	0.254433	-0.030	0.976
L7.T	-2.616402	1.602207	-1.633	0.102
L7.Tpot	3.727548	1.358755	2.743	0.006
L7.Tdew	0.092436	0.076951	1.201	0.230
L7.rh	0.000993	0.013325	0.074	0.941
L7.VPmax	-0.638445	1.461476	-0.437	0.662
L7.VPact	0.918519	1.585808	0.579	0.562
L7.VPdef	0.544385	1.462017	0.372	0.710
L7.sh	-1.641406	2.046733	-0.802	0.423
L7.H2OC	0.568820	1.456326	0.391	0.696
L7.rho	0.260662	0.183932	1.417	0.156
L7.wv	-0.000269	0.000160	-1.684	0.092
L7.max. wv	0.003972	0.004987	0.797	0.426
L7.wd	0.000416	0.000086	4.828	0.000
L7.rain	-0.044404	0.048762	-0.911	0.362
L7.raining	0.000188	0.000072	2.632	0.008
L7.SWDR	0.001801	0.001030	1.749	0.080
L7.PAR	-0.001206	0.000535	-2.253	0.024
L7.max. PAR	-0.000015	0.000017	-0.843	0.399
L7.Tlog	0.062868	0.086774	0.725	0.469
L8.p	0.084794	0.254561	0.333	0.739
L8.T	-2.885811	1.602445	-1.801	0.072
L8.Tpot	3.670046	1.358290	2.702	0.007
L8.Tdew	-0.104156	0.076895	-1.355	0.176
L8.rh	0.011743	0.013323	0.881	0.378
L8.VPmax	-0.624464	1.471893	-0.424	0.671
L8.VPact	0.448021	1.596184	0.281	0.779
L8.VPdef	0.431666	1.472358	0.293	0.769
L8.sh	-0.415048	2.059284	-0.202	0.840
L8.H2OC	0.290598	1.464321	0.198	0.843
L8.rho	0.140883	0.184130	0.765	0.444
L8.wv	-0.000217	0.000161	-1.346	0.178
L8.max. wv	-0.000233	0.004997	-0.047	0.963
L8.wd	0.000494	0.000086	5.709	0.000
L8.rain	-0.144256	0.048932	-2.948	0.003
L8.raining	0.000140	0.000072	1.955	0.051
L8.SWDR	0.001324	0.001030	1.285	0.199
L8.PAR	-0.000914	0.000535	-1.707	0.088

L8.max. PAR	-0.000002	0.000017	-0.126	0.899
L8.Tlog	-0.217089	0.086905	-2.498	0.012
L9.p	0.105193	0.254375	0.414	0.679
L9.T	-2.673998	1.600731	-1.670	0.095
L9.Tpot	3.263365	1.356053	2.407	0.016
L9.Tdew	0.144572	0.076817	1.882	0.060
L9.rh	-0.011262	0.013314	-0.846	0.398
L9.VPmax	-0.140694	1.461305	-0.096	0.923
L9.VPact	-0.484485	1.586989	-0.305	0.760
L9.VPdef	0.122024	1.461519	0.083	0.933
L9.sh	0.988544	2.045506	0.483	0.629
L9.H2OC	-0.165693	1.458269	-0.114	0.910
L9.rho	0.149311	0.183991	0.812	0.417
L9.wv	-0.000186	0.000160	-1.164	0.244
L9.max. wv	0.003176	0.004989	0.636	0.524
L9.wd	0.000543	0.000086	6.293	0.000
L9.rain	0.004439	0.048758	0.091	0.927
L9.raining	0.000107	0.000071	1.496	0.135
L9.SWDR	0.001947	0.001030	1.890	0.059
L9.PAR	-0.001113	0.000535	-2.079	0.038
L9.max. PAR	-0.000014	0.000017	-0.820	0.412
L9.Tlog	0.108672	0.086849	1.251	0.211
L10.p	0.007100	0.254011	0.028	0.978
L10.T	-2.909190	1.596326	-1.822	0.068
L10.Tpot	3.910702	1.351013	2.895	0.004
L10.Tdew	0.071237	0.076772	0.928	0.353
L10.rh	-0.014115	0.013313	-1.060	0.289
L10.VPmax	0.432175	1.429874	0.302	0.762
L10.VPact	-0.967730	1.559047	-0.621	0.535
L10.VPdef	-0.571117	1.429956	-0.399	0.690
L10.sh	0.308757	2.001606	0.154	0.877
L10.H2OC	0.243607	1.436008	0.170	0.865
L10.rho	0.225886	0.183745	1.229	0.219
L10.wv	-0.000178	0.000156	-1.140	0.254
L10.max. wv	-0.008369	0.004977	-1.682	0.093
L10.wd	0.000472	0.000086	5.508	0.000
L10.rain	-0.127695	0.048145	-2.652	0.008
L10.raining	0.000134	0.000071	1.886	0.059
L10.SWDR	0.000512	0.001030	0.497	0.619
L10.PAR	-0.000483	0.000535	-0.902	0.367
L10.max. PAR	-0.000023	0.000017	-1.386	0.166
L10.Tlog	-0.084083	0.086739	-0.969	0.332
L11.p	0.497169	0.253032	1.965	0.049
L11.T	-3.552836	1.583391	-2.244	0.025
L11.Tpot	2.582996	1.339080	1.929	0.054
L11.Tdew	0.055210	0.076646	0.720	0.471
L11.rh	-0.003887	0.013298	-0.292	0.770
L11.VPmax	1.274378	1.373390	0.928	0.353
L11.VPact	-0.909636	1.506714	-0.604	0.546
L11.VPdef	-1.194852	1.373496	-0.870	0.384
L11.sh	-0.587718	1.923939	-0.305	0.760
L11.H2OC	-0.030053	1.394795	-0.022	0.983
L11.rho	-0.200876	0.183458	-1.095	0.274
L11.wv	-0.000146	0.000149	-0.980	0.327
L11.max. wv	-0.013689	0.004948	-2.766	0.006
L11.wd	0.000324	0.000084	3.836	0.000
L11.rain	-0.056105	0.047246	-1.188	0.235
L11.raining	0.000080	0.000071	1.137	0.256
L11.SWDR	0.000514	0.001026	0.501	0.616
L11.PAR	-0.000404	0.000533	-0.758	0.448
L11.max. PAR	-0.000025	0.000017	-1.505	0.132
L11.Tlog	0.001997	0.086338	0.023	0.982
L12.p	0.386931	0.250968	1.542	0.123
L12.T	-3.311860	1.555472	-2.129	0.033
L12.Tpot	2.681419	1.313323	2.042	0.041
L12.Tdew	-0.038651	0.076580	-0.505	0.614
L12.rh	-0.021964	0.013295	-1.652	0.099
L12.VPmax	1.324027	1.290958	1.026	0.305
L12.VPact	-0.979511	1.431889	-0.684	0.494
L12.VPdef	-1.332018	1.291520	-1.031	0.302
L12.sh	-1.453168	1.813656	-0.801	0.423
L12.H2OC	0.635227	1.332915	0.477	0.634
L12.rho	-0.125473	0.182902	-0.686	0.493
L12.wv	-0.000075	0.000140	-0.534	0.593
L12.max. wv	-0.010124	0.004896	-2.068	0.039
L12.wd	0.000383	0.000082	4.668	0.000
L12.rain	-0.052069	0.046267	-1.125	0.260
L12.raining	0.000131	0.000070	1.877	0.061
L12.SWDR	0.000876	0.001021	0.858	0.391
L12.PAR	-0.000536	0.000531	-1.009	0.313
L12.max. PAR	0.000000	0.000016	0.014	0.989
L12.Tlog	0.005558	0.086158	0.065	0.949
L13.p	0.128471	0.246949	0.520	0.603
L13.T	-3.505948	1.497087	-2.342	0.019
L13.Tpot	4.106702	1.258937	3.262	0.001

L13.Tdew	0.185734	0.076379	2.432	0.015
L13.rh	-0.021627	0.013265	-1.630	0.103
L13.VPmax	1.393116	1.174411	1.186	0.236
L13.VPact	-0.368229	1.321428	-0.279	0.781
L13.VPdef	-1.515733	1.174914	-1.290	0.197
L13.sh	-1.512520	1.655042	-0.914	0.361
L13.H2OC	-0.225054	1.242397	-0.181	0.856
L13.rho	0.131891	0.182132	0.724	0.469
L13.wv	-0.000052	0.000126	-0.417	0.676
L13.max. wv	-0.012067	0.004804	-2.512	0.012
L13.wd	0.000303	0.000078	3.873	0.000
L13.rain	-0.059568	0.044696	-1.333	0.183
L13.raining	0.000123	0.000069	1.784	0.074
L13.SWDR	0.001393	0.001011	1.379	0.168
L13.PAR	-0.000747	0.000526	-1.420	0.156
L13.max. PAR	-0.000008	0.000015	-0.489	0.625
L13.Tlog	-0.009795	0.086053	-0.114	0.909
L14.p	0.327720	0.239357	1.369	0.171
L14.T	-2.649685	1.382455	-1.917	0.055
L14.Tpot	2.560773	1.151308	2.224	0.026
L14.Tdew	-0.066059	0.076223	-0.867	0.386
L14.rh	0.012120	0.013245	0.915	0.360
L14.VPmax	0.826338	1.009737	0.818	0.413
L14.VPact	-1.504177	1.159578	-1.297	0.195
L14.VPdef	-0.940761	1.010575	-0.931	0.352
L14.sh	-0.297913	1.424279	-0.209	0.834
L14.H2OC	0.710042	1.102928	0.644	0.520
L14.rho	-0.064880	0.180889	-0.359	0.720
L14.wv	-0.000095	0.000107	-0.894	0.371
L14.max. wv	-0.003091	0.004644	-0.666	0.506
L14.wd	0.000295	0.000073	4.050	0.000
L14.rain	-0.026261	0.042728	-0.615	0.539
L14.raining	0.000039	0.000067	0.577	0.564
L14.SWDR	0.001095	0.000990	1.106	0.269
L14.PAR	-0.000632	0.000516	-1.224	0.221
L14.max. PAR	-0.000021	0.000014	-1.479	0.139
L14.Tlog	0.013951	0.084132	0.166	0.868
L15.p	0.503300	0.224015	2.247	0.025
L15.T	-2.328724	1.155859	-2.015	0.044
L15.Tpot	0.396857	0.926351	0.428	0.668
L15.Tdew	0.085367	0.073232	1.166	0.244
L15.rh	-0.023759	0.012450	-1.908	0.056
L15.VPmax	1.083292	0.755191	1.434	0.151
L15.VPact	-0.676406	0.896381	-0.755	0.450
L15.VPdef	-0.928176	0.756124	-1.228	0.220
L15.sh	-0.094522	1.061038	-0.089	0.929
L15.H2OC	-0.383349	0.863189	-0.444	0.657
L15.rho	-0.388767	0.177913	-2.185	0.029
L15.wv	-0.000077	0.000078	-0.991	0.322
L15.max. wv	-0.007853	0.004226	-1.858	0.063
L15.wd	0.000056	0.000063	0.898	0.369
L15.rain	-0.076490	0.040117	-1.907	0.057
L15.raining	0.000073	0.000064	1.144	0.253
L15.SWDR	-0.001103	0.000943	-1.170	0.242
L15.PAR	0.000511	0.000494	1.035	0.301
L15.max. PAR	0.000006	0.000012	0.502	0.616
L15.Tlog	-0.136555	0.054010	-2.528	0.011

Results for equation wv

	coefficient	std. error	t-stat	prob
const	0.001096	0.195979	0.006	0.996
L1.p	-0.559970	12.590964	-0.044	0.965
L1.T	-64.205343	64.779540	-0.991	0.322
L1.Tpot	72.953592	51.985242	1.403	0.161
L1.Tdew	-1.365875	4.135426	-0.330	0.741
L1.rh	-0.731008	0.704421	-1.038	0.299
L1.VPmax	-8.449678	42.264187	-0.200	0.842
L1.VPact	0.569158	50.146984	0.011	0.991
L1.VPdef	10.168068	42.292555	0.240	0.810
L1.sh	107.649995	59.416883	1.812	0.070
L1.H2OC	-52.073172	48.250761	-1.079	0.280
L1.rho	3.756302	10.003098	0.376	0.707
L1.wv	-0.938208	0.004367	-214.831	0.000
L1.max. wv	-0.151548	0.232887	-0.651	0.515
L1.wd	-0.002664	0.003512	-0.758	0.448
L1.rain	1.649673	2.239553	0.737	0.461
L1.raining	-0.011762	0.003587	-3.279	0.001
L1.SWDR	0.012129	0.052235	0.232	0.816
L1.PAR	-0.004991	0.027347	-0.183	0.855
L1.max. PAR	0.000075	0.000684	0.110	0.912
L1.Tlog	-1.557024	3.466582	-0.449	0.653
L2.n	22.414485	13.425368	1.670	0.095

L2.T	-203.027784	77.612527	-2.616	0.009
L2.Tpot	153.581536	64.638964	2.376	0.018
L2.Tdew	-2.852918	4.292724	-0.665	0.506
L2.rh	-1.189815	0.743449	-1.600	0.110
L2.VPmax	20.242315	56.526623	0.358	0.720
L2.VPact	34.589938	64.823697	0.534	0.594
L2.VPdef	-13.942824	56.581381	-0.246	0.805
L2.sh	57.300942	79.852972	0.718	0.473
L2.H2OC	-79.918622	61.545635	-1.299	0.194
L2.rho	-8.918742	10.129714	-0.880	0.379
L2.wv	-0.874701	0.005966	-146.618	0.000
L2.max. wv	-0.213293	0.253863	-0.840	0.401
L2.wd	-0.003361	0.004066	-0.827	0.408
L2.rain	1.276040	2.392865	0.533	0.594
L2.raining	-0.002473	0.003747	-0.660	0.509
L2.SWDR	0.025422	0.055230	0.460	0.645
L2.PAR	-0.010682	0.028847	-0.370	0.711
L2.max. PAR	0.000114	0.000791	0.144	0.886
L2.Tlog	0.898887	4.739604	0.190	0.850
L3.p	7.544810	13.839625	0.545	0.586
L3.T	-68.971084	84.053733	-0.821	0.412
L3.Tpot	70.938834	70.780640	1.002	0.316
L3.Tdew	0.498174	4.300403	0.116	0.908
L3.rh	0.393733	0.744735	0.529	0.597
L3.VPmax	77.208747	65.767244	1.174	0.240
L3.VPact	-80.551359	73.782352	-1.092	0.275
L3.VPdef	-78.915761	65.819846	-1.199	0.231
L3.sh	100.813628	92.841536	1.086	0.278
L3.H2OC	-64.029385	69.220691	-0.925	0.355
L3.rho	-0.530320	10.190765	-0.052	0.958
L3.wv	-0.812073	0.007039	-115.371	0.000
L3.max. wv	0.257362	0.264609	0.973	0.331
L3.wd	-0.001493	0.004378	-0.341	0.733
L3.rain	1.021939	2.507574	0.408	0.684
L3.raining	-0.001728	0.003866	-0.447	0.655
L3.SWDR	-0.003379	0.056370	-0.060	0.952
L3.PAR	0.003628	0.029391	0.123	0.902
L3.max. PAR	0.000106	0.000866	0.123	0.902
L3.Tlog	0.196273	4.822343	0.041	0.968
L4.p	9.465003	14.066854	0.673	0.501
L4.T	-96.452519	87.352396	-1.104	0.270
L4.Tpot	90.248228	73.856265	1.222	0.222
L4.Tdew	2.046960	4.305718	0.475	0.634
L4.rh	0.103520	0.745953	0.139	0.890
L4.VPmax	48.716385	72.316406	0.674	0.501
L4.VPact	-121.156602	79.920074	-1.516	0.130
L4.VPdef	-49.179854	72.376198	-0.680	0.497
L4.sh	136.156063	101.747087	1.338	0.181
L4.H2OC	-17.637730	74.231326	-0.238	0.812
L4.rho	-1.739695	10.235028	-0.170	0.865
L4.wv	-0.749494	0.007807	-95.997	0.000
L4.max. wv	0.476048	0.271363	1.754	0.079
L4.wd	-0.000779	0.004584	-0.170	0.865
L4.rain	0.802678	2.595227	0.309	0.757
L4.raining	-0.001209	0.003920	-0.308	0.758
L4.SWDR	-0.017159	0.057006	-0.301	0.763
L4.PAR	0.009807	0.029685	0.330	0.741
L4.max. PAR	0.000076	0.000894	0.085	0.932
L4.Tlog	-0.750402	4.824789	-0.156	0.876
L5.p	11.711489	14.177157	0.826	0.409
L5.T	-127.492773	88.850092	-1.435	0.151
L5.Tpot	114.291713	75.293478	1.518	0.129
L5.Tdew	0.134145	4.307450	0.031	0.975
L5.rh	-0.032163	0.745881	-0.043	0.966
L5.VPmax	74.047166	76.903103	0.963	0.336
L5.VPact	-58.896422	84.149994	-0.700	0.484
L5.VPdef	-72.233424	76.958522	-0.939	0.348
L5.sh	126.531230	107.950476	1.172	0.241
L5.H2OC	-93.887068	77.636730	-1.209	0.227
L5.rho	-2.566976	10.265531	-0.250	0.803
L5.wv	-0.686755	0.008356	-82.185	0.000
L5.max. wv	0.235147	0.275371	0.854	0.393
L5.wd	-0.001279	0.004719	-0.271	0.786
L5.rain	0.783764	2.649323	0.296	0.767
L5.raining	-0.001299	0.003965	-0.328	0.743
L5.SWDR	-0.017692	0.057295	-0.309	0.757
L5.PAR	0.010066	0.029815	0.338	0.736
L5.max. PAR	0.000089	0.000925	0.096	0.923
L5.Tlog	0.288477	4.829307	0.060	0.952
L6.p	18.479275	14.221944	1.299	0.194
L6.T	-173.955354	89.483336	-1.944	0.052
L6.Tpot	147.656923	75.883837	1.946	0.052
L6.Tdew	1.196584	4.308953	0.278	0.781
L6.rh	0.053453	0.746189	0.072	0.943
L6.VPmax	0.000000	0.000000	0.000	0.000

L6.VPmax	-9.295578	80.071878	-0.110	0.908
L6.VPact	33.510580	87.089848	0.385	0.700
L6.VPdef	11.968877	80.120747	0.149	0.881
L6.sh	184.383701	112.209788	1.643	0.100
L6.H2OC	-140.880051	80.067881	-1.760	0.078
L6.rho	-5.553686	10.282165	-0.540	0.589
L6.wv	-0.624122	0.008727	-71.515	0.000
L6.max. wv	0.453454	0.277662	1.633	0.102
L6.wd	0.001095	0.004791	0.229	0.819
L6.rain	0.725084	2.699718	0.269	0.788
L6.raining	-0.001081	0.003995	-0.271	0.787
L6.SWDR	-0.017509	0.057493	-0.305	0.761
L6.PAR	0.009842	0.029897	0.329	0.742
L6.max. PAR	0.000088	0.000951	0.092	0.926
L6.Tlog	-0.833172	4.854494	-0.172	0.864
L7.p	19.562680	14.241485	1.374	0.170
L7.T	-180.810170	89.681039	-2.016	0.044
L7.Tpot	173.833432	76.054185	2.286	0.022
L7.Tdew	1.519932	4.307224	0.353	0.724
L7.rh	0.212651	0.745832	0.285	0.776
L7.VPmax	-33.973299	81.803838	-0.415	0.678
L7.VPact	1.676543	88.763129	0.019	0.985
L7.VPdef	33.844288	81.834153	0.414	0.679
L7.sh	174.892627	114.562702	1.527	0.127
L7.H2OC	-81.807372	81.515596	-1.004	0.316
L7.rho	-1.890024	10.295317	-0.184	0.854
L7.wv	-0.561424	0.008944	-62.773	0.000
L7.max. wv	0.355047	0.279124	1.272	0.203
L7.wd	0.000052	0.004828	0.011	0.991
L7.rain	0.423323	2.729404	0.155	0.877
L7.raining	-0.000962	0.004002	-0.240	0.810
L7.SWDR	-0.013802	0.057628	-0.240	0.811
L7.PAR	0.007921	0.029955	0.264	0.791
L7.max. PAR	0.000119	0.000964	0.124	0.902
L7.Tlog	0.018060	4.857041	0.004	0.997
L8.p	17.709969	14.248659	1.243	0.214
L8.T	-116.136452	89.694346	-1.295	0.195
L8.Tpot	81.528581	76.028190	1.072	0.284
L8.Tdew	0.873789	4.304060	0.203	0.839
L8.rh	0.354503	0.745740	0.475	0.635
L8.VPmax	-46.220229	82.386944	-0.561	0.575
L8.VPact	-13.248485	89.343915	-0.148	0.882
L8.VPdef	48.111066	82.412943	0.584	0.559
L8.sh	108.095709	115.265233	0.938	0.348
L8.H2OC	-13.512302	81.963082	-0.165	0.869
L8.rho	-8.290082	10.306389	-0.804	0.421
L8.wv	-0.498981	0.009016	-55.346	0.000
L8.max. wv	0.148302	0.279693	0.530	0.596
L8.wd	-0.000302	0.004841	-0.062	0.950
L8.rain	0.835458	2.738897	0.305	0.760
L8.raining	-0.001070	0.004009	-0.267	0.789
L8.SWDR	-0.018689	0.057672	-0.324	0.746
L8.PAR	0.010267	0.029973	0.343	0.732
L8.max. PAR	0.000059	0.000970	0.061	0.951
L8.Tlog	0.002326	4.864396	0.000	1.000
L9.p	-17.583491	14.238234	-1.235	0.217
L9.T	78.291461	89.598437	0.874	0.382
L9.Tpot	-34.023518	75.902974	-0.448	0.654
L9.Tdew	-0.645714	4.299697	-0.150	0.881
L9.rh	-0.355327	0.745210	-0.477	0.633
L9.VPmax	-16.827568	81.794251	-0.206	0.837
L9.VPact	52.937061	88.829256	0.596	0.551
L9.VPdef	16.878795	81.806256	0.206	0.837
L9.sh	102.107705	114.493994	0.892	0.372
L9.H2OC	-92.368560	81.624326	-1.132	0.258
L9.rho	11.320078	10.298608	1.099	0.272
L9.wv	-0.436956	0.008946	-48.845	0.000
L9.max. wv	0.219727	0.279274	0.787	0.431
L9.wd	-0.001589	0.004831	-0.329	0.742
L9.rain	0.610754	2.729180	0.224	0.823
L9.raining	-0.000564	0.003999	-0.141	0.888
L9.SWDR	0.000113	0.057664	0.002	0.998
L9.PAR	0.000899	0.029972	0.030	0.976
L9.max. PAR	0.000067	0.000962	0.069	0.945
L9.Tlog	-2.153621	4.861226	-0.443	0.658
L10.p	-28.695407	14.217896	-2.018	0.044
L10.T	105.547411	89.351840	1.181	0.238
L10.Tpot	8.793785	75.620831	0.116	0.907
L10.Tdew	-0.148959	4.297177	-0.035	0.972
L10.rh	0.203577	0.745150	0.273	0.785
L10.VPmax	-47.660338	80.034965	-0.595	0.552
L10.VPact	14.759601	87.265247	0.169	0.866
L10.VPdef	35.868988	80.039532	0.448	0.654
L10.sh	141.669600	112.036800	1.264	0.206
L10.H2OC	-58.093603	80.378294	-0.723	0.470

L10.rho	23.819579	10.284845	2.316	0.021
L10.wv	-0.374961	0.008731	-42.946	0.000
L10.max. wv	0.256841	0.278568	0.922	0.357
L10.wd	-0.002210	0.004796	-0.461	0.645
L10.rain	0.475146	2.694847	0.176	0.860
L10.raining	-0.001576	0.003991	-0.395	0.693
L10.SWDR	0.016050	0.057626	0.279	0.781
L10.PAR	-0.007434	0.029961	-0.248	0.804
L10.max. PAR	0.000084	0.000949	0.088	0.930
L10.Tlog	0.257848	4.855058	0.053	0.958
L11.p	11.443183	14.163094	0.808	0.419
L11.T	-10.833323	88.627858	-0.122	0.903
L11.Tpot	-38.272525	74.952923	-0.511	0.610
L11.Tdew	0.291335	4.290129	0.068	0.946
L11.rh	0.005494	0.744315	0.007	0.994
L11.VPmax	23.349748	76.873364	0.304	0.761
L11.VPact	-88.216259	84.335974	-1.046	0.296
L11.VPdef	-17.880820	76.879285	-0.233	0.816
L11.sh	235.658991	107.689485	2.188	0.029
L11.H2OC	-83.421408	78.071452	-1.069	0.285
L11.rho	-10.434059	10.268803	-1.016	0.310
L11.wv	-0.312103	0.008361	-37.330	0.000
L11.max. wv	0.314701	0.276980	1.136	0.256
L11.wd	-0.001874	0.004726	-0.396	0.692
L11.rain	0.469674	2.644525	0.178	0.859
L11.raining	-0.001520	0.003960	-0.384	0.701
L11.SWDR	0.008428	0.057417	0.147	0.883
L11.PAR	-0.004023	0.029858	-0.135	0.893
L11.max. PAR	0.000008	0.000925	0.008	0.993
L11.Tlog	-0.511326	4.832625	-0.106	0.916
L12.p	12.113408	14.047531	0.862	0.389
L12.T	48.727795	87.065135	0.560	0.576
L12.Tpot	-136.915527	73.511194	-1.863	0.063
L12.Tdew	1.178281	4.286452	0.275	0.783
L12.rh	-0.076156	0.744144	-0.102	0.918
L12.VPmax	50.249834	72.259391	0.695	0.487
L12.VPact	-9.960366	80.147779	-0.124	0.901
L12.VPdef	-43.058703	72.290819	-0.596	0.551
L12.sh	205.925126	101.516573	2.028	0.043
L12.H2OC	-171.717767	74.607836	-2.302	0.021
L12.rho	-19.480564	10.237658	-1.903	0.057
L12.wv	-0.249178	0.007811	-31.902	0.000
L12.max. wv	0.358083	0.274041	1.307	0.191
L12.wd	-0.000050	0.004592	-0.011	0.991
L12.rain	0.077318	2.589703	0.030	0.976
L12.raining	-0.000766	0.003916	-0.196	0.845
L12.SWDR	-0.003044	0.057135	-0.053	0.958
L12.PAR	0.002319	0.029721	0.078	0.938
L12.max. PAR	0.000034	0.000895	0.038	0.970
L12.Tlog	-1.487020	4.822551	-0.308	0.758
L13.p	4.420992	13.822585	0.320	0.749
L13.T	58.473664	83.797123	0.698	0.485
L13.Tpot	-97.392343	70.467030	-1.382	0.167
L13.Tdew	3.295160	4.275200	0.771	0.441
L13.rh	0.167446	0.742497	0.226	0.822
L13.VPmax	27.270227	65.735809	0.415	0.678
L13.VPact	-24.765826	73.964890	-0.335	0.738
L13.VPdef	-27.034049	65.763962	-0.411	0.681
L13.sh	193.879387	92.638392	2.093	0.036
L13.H2OC	-133.440476	69.541233	-1.919	0.055
L13.rho	-9.995445	10.194577	-0.980	0.327
L13.wv	-0.186528	0.007041	-26.491	0.000
L13.max. wv	-0.053667	0.268902	-0.200	0.842
L13.wd	0.000953	0.004385	0.217	0.828
L13.rain	-0.006498	2.501785	-0.003	0.998
L13.raining	-0.000400	0.003856	-0.104	0.917
L13.SWDR	-0.023260	0.056567	-0.411	0.681
L13.PAR	0.012710	0.029446	0.432	0.666
L13.max. PAR	0.000023	0.000865	0.026	0.979
L13.Tlog	1.181717	4.816702	0.245	0.806
L14.p	-40.857069	13.397645	-3.050	0.002
L14.T	234.934630	77.380759	3.036	0.002
L14.Tpot	-110.376897	64.442689	-1.713	0.087
L14.Tdew	-0.059133	4.266436	-0.014	0.989
L14.rh	0.239992	0.741390	0.324	0.746
L14.VPmax	9.353597	56.518453	0.165	0.869
L14.VPact	-27.490607	64.905576	-0.424	0.672
L14.VPdef	-19.275951	56.565339	-0.341	0.733
L14.sh	167.044242	79.721826	2.095	0.036
L14.H2OC	-85.746529	61.734667	-1.389	0.165
L14.rho	27.025234	10.124993	2.669	0.008
L14.wv	-0.124230	0.005966	-20.821	0.000
L14.max. wv	-0.056868	0.259937	-0.219	0.827
L14.wd	0.003426	0.004072	0.841	0.400
L14.rain	-0.002422	2.391653	-0.001	0.999

L14.raining	0.000085	0.003742	0.023	0.982
L14.SWDR	-0.018780	0.055414	-0.339	0.735
L14.PAR	0.010583	0.028889	0.366	0.714
L14.max. PAR	-0.000010	0.000791	-0.013	0.990
L14.Tlog	0.001735	4.709133	0.000	1.000
L15.p	13.635835	12.538890	1.087	0.277
L15.T	-71.817583	64.697402	-1.110	0.267
L15.Tpot	27.550261	51.851060	0.531	0.595
L15.Tdew	-0.965274	4.099065	-0.235	0.814
L15.rh	0.029993	0.696869	0.043	0.966
L15.VPmax	10.161532	42.270614	0.240	0.810
L15.VPact	-10.101482	50.173554	-0.201	0.840
L15.VPdef	-6.548467	42.322848	-0.155	0.877
L15.sh	55.249742	59.389967	0.930	0.352
L15.H2OC	-34.420227	48.315676	-0.712	0.476
L15.rho	-9.892389	9.958412	-0.993	0.321
L15.wv	-0.062106	0.004368	-14.219	0.000
L15.max. wv	0.031655	0.236531	0.134	0.894
L15.wd	0.002114	0.003514	0.601	0.548
L15.rain	-0.083214	2.245488	-0.037	0.970
L15.raining	-0.000146	0.003593	-0.041	0.967
L15.SWDR	0.007669	0.052778	0.145	0.884
L15.PAR	-0.003363	0.027626	-0.122	0.903
L15.max. PAR	0.000005	0.000686	0.007	0.995
L15.Tlog	0.391658	3.023105	0.130	0.897

Results for equation max. wv

	coefficient	std. error	t-stat	prob
const	-0.000154	0.003754	-0.041	0.967
L1.p	-0.386623	0.241178	-1.603	0.109
L1.T	-1.005854	1.240842	-0.811	0.418
L1.Tpot	2.521039	0.995769	2.532	0.011
L1.Tdew	0.102871	0.079213	1.299	0.194
L1.rh	-0.019432	0.013493	-1.440	0.150
L1.VPmax	-0.539855	0.809564	-0.667	0.505
L1.VPact	2.526415	0.960558	2.630	0.009
L1.VPdef	0.306671	0.810107	0.379	0.705
L1.sh	-0.530030	1.138121	-0.466	0.641
L1.H2OC	-1.888657	0.924236	-2.043	0.041
L1.rho	0.263103	0.191608	1.373	0.170
L1.wv	-0.000312	0.000084	-3.733	0.000
L1.max. wv	-0.377846	0.004461	-84.702	0.000
L1.wd	0.000044	0.000067	0.653	0.514
L1.rain	0.058599	0.042898	1.366	0.172
L1.raining	0.000037	0.000069	0.542	0.588
L1.SWDR	0.000068	0.001001	0.068	0.946
L1.PAR	0.000717	0.000524	1.369	0.171
L1.max. PAR	0.000006	0.000013	0.490	0.624
L1.Tlog	-0.106817	0.066402	-1.609	0.108
L2.p	0.070779	0.257161	0.275	0.783
L2.T	-2.429894	1.486656	-1.634	0.102
L2.Tpot	3.047105	1.238149	2.461	0.014
L2.Tdew	-0.054240	0.082226	-0.660	0.509
L2.rh	0.023039	0.014241	1.618	0.106
L2.VPmax	1.151878	1.082759	1.064	0.287
L2.VPact	-0.112795	1.241688	-0.091	0.928
L2.VPdef	-1.200378	1.083808	-1.108	0.268
L2.sh	0.894854	1.529571	0.585	0.559
L2.H2OC	-1.645670	1.178897	-1.396	0.163
L2.rho	0.100070	0.194033	0.516	0.606
L2.wv	-0.000447	0.000114	-3.912	0.000
L2.max. wv	-0.243823	0.004863	-50.141	0.000
L2.wd	0.000125	0.000078	1.601	0.109
L2.rain	0.024791	0.045835	0.541	0.589
L2.raining	-0.000086	0.000072	-1.204	0.229
L2.SWDR	0.003920	0.001058	3.705	0.000
L2.PAR	-0.001715	0.000553	-3.104	0.002
L2.max. PAR	0.000045	0.000015	2.993	0.003
L2.Tlog	-0.000850	0.090786	-0.009	0.993
L3.p	-0.298431	0.265096	-1.126	0.260
L3.T	-1.163046	1.610036	-0.722	0.470
L3.Tpot	2.894032	1.355792	2.135	0.033
L3.Tdew	0.099794	0.082374	1.211	0.226
L3.rh	-0.027632	0.014265	-1.937	0.053
L3.VPmax	0.975372	1.259761	0.774	0.439
L3.VPact	-2.010777	1.413289	-1.423	0.155
L3.VPdef	-1.140486	1.260769	-0.905	0.366
L3.sh	2.051873	1.778365	1.154	0.249
L3.H2OC	-0.263188	1.325912	-0.198	0.843
L3.rho	0.377077	0.195203	1.932	0.053
L3.wv	-0.000596	0.000135	-4.417	0.000
L3.max. wv	-0.178614	0.005069	-35.240	0.000

L3.max. PAR	0.000026	0.000084	0.306	0.760
L3.rain	0.076210	0.048032	1.587	0.113
L3.raining	-0.000050	0.000074	-0.676	0.499
L3.SWDR	-0.000578	0.001080	-0.535	0.593
L3.PAR	0.000669	0.000563	1.188	0.235
L3.max. PAR	0.000036	0.000017	2.179	0.029
L3.Tlog	0.009153	0.092371	0.099	0.921
L4.p	-0.250047	0.269448	-0.928	0.353
L4.T	-2.184872	1.673222	-1.306	0.192
L4.Tpot	4.474139	1.414705	3.163	0.002
L4.Tdew	-0.076232	0.082475	-0.924	0.355
L4.rh	0.008296	0.014289	0.581	0.562
L4.VPmax	1.982947	1.385209	1.432	0.152
L4.VPact	-2.122617	1.530857	-1.387	0.166
L4.VPdef	-2.257560	1.386355	-1.628	0.103
L4.sh	3.683050	1.948950	1.890	0.059
L4.H2OC	-2.194466	1.421889	-1.543	0.123
L4.rho	0.453414	0.196050	2.313	0.021
L4.wv	-0.000356	0.000150	-2.384	0.017
L4.max. wv	-0.135534	0.005198	-26.075	0.000
L4.wd	-0.000081	0.000088	-0.920	0.357
L4.rain	0.010756	0.049711	0.216	0.829
L4.raining	0.000024	0.000075	0.324	0.746
L4.SWDR	-0.000142	0.001092	-0.130	0.897
L4.PAR	0.000423	0.000569	0.744	0.457
L4.max. PAR	0.000036	0.000017	2.080	0.037
L4.Tlog	0.004378	0.092418	0.047	0.962
L5.p	0.005920	0.271561	0.022	0.983
L5.T	-2.851486	1.701910	-1.675	0.094
L5.Tpot	4.026067	1.442235	2.792	0.005
L5.Tdew	0.100273	0.082509	1.215	0.224
L5.rh	0.004936	0.014287	0.345	0.730
L5.VPmax	1.212121	1.473067	0.823	0.411
L5.VPact	-0.299397	1.611880	-0.186	0.853
L5.VPdef	-1.329862	1.474128	-0.902	0.367
L5.sh	1.740464	2.067775	0.842	0.400
L5.H2OC	-2.221961	1.487119	-1.494	0.135
L5.rho	0.246536	0.196635	1.254	0.210
L5.wv	-0.000227	0.000160	-1.419	0.156
L5.max. wv	-0.106498	0.005275	-20.190	0.000
L5.wd	-0.000089	0.000090	-0.984	0.325
L5.rain	0.083938	0.050747	1.654	0.098
L5.raining	-0.000025	0.000076	-0.329	0.742
L5.SWDR	0.001126	0.001097	1.026	0.305
L5.PAR	-0.000358	0.000571	-0.626	0.531
L5.max. PAR	0.000068	0.000018	3.818	0.000
L5.Tlog	-0.169910	0.092505	-1.837	0.066
L6.p	0.457673	0.272419	1.680	0.093
L6.T	-4.576649	1.714039	-2.670	0.008
L6.Tpot	4.204589	1.453543	2.893	0.004
L6.Tdew	-0.003393	0.082537	-0.041	0.967
L6.rh	-0.019007	0.014293	-1.330	0.184
L6.VPmax	2.127495	1.533764	1.387	0.165
L6.VPact	-0.209803	1.668192	-0.126	0.900
L6.VPdef	-2.050523	1.534700	-1.336	0.182
L6.sh	3.443921	2.149361	1.602	0.109
L6.H2OC	-3.904529	1.533688	-2.546	0.011
L6.rho	-0.058855	0.196953	-0.299	0.765
L6.wv	-0.000192	0.000167	-1.150	0.250
L6.max. wv	-0.088988	0.005319	-16.732	0.000
L6.wd	-0.000127	0.000092	-1.379	0.168
L6.rain	-0.006625	0.051713	-0.128	0.898
L6.raining	-0.000027	0.000077	-0.352	0.725
L6.SWDR	0.000308	0.001101	0.280	0.780
L6.PAR	0.000090	0.000573	0.157	0.875
L6.max. PAR	0.000054	0.000018	2.943	0.003
L6.Tlog	0.206377	0.092987	2.219	0.026
L7.p	0.602038	0.272793	2.207	0.027
L7.T	-5.724129	1.717826	-3.332	0.001
L7.Tpot	5.158977	1.456806	3.541	0.000
L7.Tdew	0.070705	0.082504	0.857	0.391
L7.rh	0.022201	0.014286	1.554	0.120
L7.VPmax	0.619490	1.566940	0.395	0.693
L7.VPact	-0.445881	1.700244	-0.262	0.793
L7.VPdef	-0.694839	1.567520	-0.443	0.658
L7.sh	3.674616	2.194431	1.675	0.094
L7.H2OC	-2.857369	1.561419	-1.830	0.067
L7.rho	-0.160937	0.197205	-0.816	0.414
L7.wv	-0.000217	0.000171	-1.269	0.204
L7.max. wv	-0.090786	0.005347	-16.980	0.000
L7.wd	-0.000111	0.000092	-1.201	0.230
L7.rain	0.059446	0.052281	1.137	0.256
L7.raining	-0.000037	0.000077	-0.478	0.633
L7.SWDR	-0.000509	0.001104	-0.461	0.645
L7.PAR	0.000057	0.000574	0.071	0.871

L7.PAR	0.000037	0.000034	0.971	0.331
L7.max. PAR	0.000037	0.000018	1.995	0.046
L7.Tlog	-0.096274	0.093036	-1.035	0.301
L8.p	0.370325	0.272931	1.357	0.175
L8.T	-5.420910	1.718081	-3.155	0.002
L8.Tpot	4.848592	1.456308	3.329	0.001
L8.Tdew	0.122119	0.082444	1.481	0.139
L8.rh	-0.037049	0.014285	-2.594	0.009
L8.VPmax	1.528173	1.578109	0.968	0.333
L8.VPact	-1.054219	1.711369	-0.616	0.538
L8.VPdef	-1.427156	1.578607	-0.904	0.366
L8.sh	1.652390	2.207888	0.748	0.454
L8.H2OC	-1.397435	1.569990	-0.890	0.373
L8.rho	-0.082443	0.197417	-0.418	0.676
L8.wv	-0.000145	0.000173	-0.841	0.400
L8.max. wv	-0.072886	0.005357	-13.605	0.000
L8.wd	-0.000076	0.000093	-0.824	0.410
L8.rain	-0.088887	0.052463	-1.694	0.090
L8.raining	-0.000091	0.000077	-1.181	0.238
L8.SWDR	-0.000564	0.001105	-0.511	0.610
L8.PAR	0.000496	0.000574	0.864	0.388
L8.max. PAR	0.000076	0.000019	4.069	0.000
L8.Tlog	-0.012731	0.093177	-0.137	0.891
L9.p	0.646638	0.272731	2.371	0.018
L9.T	-5.798577	1.716244	-3.379	0.001
L9.Tpot	4.675852	1.453910	3.216	0.001
L9.Tdew	0.056099	0.082360	0.681	0.496
L9.rh	0.010983	0.014274	0.769	0.442
L9.VPmax	2.293718	1.566756	1.464	0.143
L9.VPact	-2.732069	1.701511	-1.606	0.108
L9.VPdef	-2.180172	1.566986	-1.391	0.164
L9.sh	0.953558	2.193115	0.435	0.664
L9.H2OC	-0.337392	1.563501	-0.216	0.829
L9.rho	-0.235710	0.197268	-1.195	0.232
L9.wv	-0.000089	0.000171	-0.517	0.605
L9.max. wv	-0.060775	0.005349	-11.361	0.000
L9.wd	-0.000062	0.000093	-0.667	0.505
L9.rain	0.036617	0.052277	0.700	0.484
L9.raining	-0.000179	0.000077	-2.332	0.020
L9.SWDR	-0.000754	0.001105	-0.682	0.495
L9.PAR	0.000542	0.000574	0.945	0.345
L9.max. PAR	0.000033	0.000018	1.778	0.075
L9.Tlog	0.056553	0.093116	0.607	0.544
L10.p	0.226001	0.272342	0.830	0.407
L10.T	-4.136933	1.711521	-2.417	0.016
L10.Tpot	5.097256	1.448505	3.519	0.000
L10.Tdew	0.091226	0.082312	1.108	0.268
L10.rh	-0.011385	0.014273	-0.798	0.425
L10.VPmax	1.446989	1.533057	0.944	0.345
L10.VPact	-1.295635	1.671552	-0.775	0.438
L10.VPdef	-1.519828	1.533145	-0.991	0.322
L10.sh	0.812035	2.146047	0.378	0.705
L10.H2OC	-0.632580	1.539634	-0.411	0.681
L10.rho	0.214661	0.197005	1.090	0.276
L10.wv	-0.000061	0.000167	-0.366	0.714
L10.max. wv	-0.050409	0.005336	-9.447	0.000
L10.wd	-0.000095	0.000092	-1.039	0.299
L10.rain	0.067471	0.051619	1.307	0.191
L10.raining	-0.000007	0.000076	-0.087	0.931
L10.SWDR	-0.000878	0.001104	-0.795	0.426
L10.PAR	0.000582	0.000574	1.015	0.310
L10.max. PAR	0.000067	0.000018	3.698	0.000
L10.Tlog	0.101778	0.092998	1.094	0.274
L11.p	0.325846	0.271292	1.201	0.230
L11.T	-4.070904	1.697653	-2.398	0.016
L11.Tpot	3.991480	1.435712	2.780	0.005
L11.Tdew	-0.059709	0.082177	-0.727	0.467
L11.rh	0.008942	0.014257	0.627	0.531
L11.VPmax	1.977052	1.472497	1.343	0.179
L11.VPact	-0.394731	1.615442	-0.244	0.807
L11.VPdef	-2.006550	1.472611	-1.363	0.173
L11.sh	-0.703748	2.062775	-0.341	0.733
L11.H2OC	-1.150820	1.495446	-0.770	0.442
L11.rho	-0.028336	0.196697	-0.144	0.885
L11.wv	-0.000001	0.000160	-0.004	0.997
L11.max. wv	-0.037426	0.005306	-7.054	0.000
L11.wd	-0.000076	0.000091	-0.837	0.403
L11.rain	0.019252	0.050655	0.380	0.704
L11.raining	-0.000051	0.000076	-0.674	0.500
L11.SWDR	0.000087	0.001100	0.079	0.937
L11.PAR	0.000123	0.000572	0.215	0.830
L11.max. PAR	0.000033	0.000018	1.881	0.060
L11.Tlog	-0.048230	0.092568	-0.521	0.602
L12.p	0.019182	0.269078	0.071	0.943
L12.T	-1.196479	1.667719	-0.717	0.473

L12.Tpot	1.674501	1.408095	1.189	0.234
L12.Tdew	-0.076547	0.082106	-0.932	0.351
L12.rh	0.010602	0.014254	0.744	0.457
L12.VPmax	1.851237	1.384117	1.337	0.181
L12.VPact	0.431350	1.535218	0.281	0.779
L12.VPdef	-1.903571	1.384719	-1.375	0.169
L12.sh	0.063967	1.944534	0.033	0.974
L12.H2OC	-2.273720	1.429101	-1.591	0.112
L12.rho	0.087375	0.196101	0.446	0.656
L12.wv	0.000059	0.000150	0.397	0.691
L12.max. wv	-0.032028	0.005249	-6.101	0.000
L12.wd	-0.000043	0.000088	-0.494	0.621
L12.rain	0.012668	0.049605	0.255	0.798
L12.raining	0.000019	0.000075	0.250	0.803
L12.SWDR	-0.002134	0.001094	-1.950	0.051
L12.PAR	0.001245	0.000569	2.188	0.029
L12.max. PAR	0.000075	0.000017	4.349	0.000
L12.Tlog	0.048190	0.092375	0.522	0.602
L13.p	0.212847	0.264769	0.804	0.421
L13.T	-0.792900	1.605121	-0.494	0.621
L13.Tpot	0.151543	1.349785	0.112	0.911
L13.Tdew	-0.071757	0.081891	-0.876	0.381
L13.rh	-0.007652	0.014222	-0.538	0.591
L13.VPmax	1.970000	1.259159	1.565	0.118
L13.VPact	-0.836715	1.416786	-0.591	0.555
L13.VPdef	-1.864814	1.259698	-1.480	0.139
L13.sh	-0.459152	1.774474	-0.259	0.796
L13.H2OC	-0.647340	1.332051	-0.486	0.627
L13.rho	-0.121147	0.195276	-0.620	0.535
L13.wv	0.000058	0.000135	0.429	0.668
L13.max. wv	-0.024468	0.005151	-4.750	0.000
L13.wd	0.000031	0.000084	0.363	0.716
L13.rain	0.055052	0.047921	1.149	0.251
L13.raining	-0.000094	0.000074	-1.266	0.205
L13.SWDR	0.000404	0.001084	0.373	0.709
L13.PAR	-0.000075	0.000564	-0.133	0.894
L13.max. PAR	0.000027	0.000017	1.625	0.104
L13.Tlog	-0.069991	0.092263	-0.759	0.448
L14.p	0.243693	0.256630	0.950	0.342
L14.T	-1.320208	1.482216	-0.891	0.373
L14.Tpot	0.724842	1.234390	0.587	0.557
L14.Tdew	0.007713	0.081723	0.094	0.925
L14.rh	0.020217	0.014201	1.424	0.155
L14.VPmax	0.742934	1.082602	0.686	0.493
L14.VPact	-0.251471	1.243256	-0.202	0.840
L14.VPdef	-0.660676	1.083500	-0.610	0.542
L14.sh	1.240494	1.527059	0.812	0.417
L14.H2OC	-1.356448	1.182518	-1.147	0.251
L14.rho	-0.134204	0.193943	-0.692	0.489
L14.wv	0.000060	0.000114	0.524	0.600
L14.max. wv	-0.023566	0.004979	-4.733	0.000
L14.wd	-0.000095	0.000078	-1.220	0.222
L14.rain	-0.020920	0.045812	-0.457	0.648
L14.raining	-0.000070	0.000072	-0.976	0.329
L14.SWDR	0.000392	0.001061	0.369	0.712
L14.PAR	-0.000100	0.000553	-0.180	0.857
L14.max. PAR	0.000007	0.000015	0.490	0.624
L14.Tlog	0.063137	0.090203	0.700	0.484
L15.p	0.040108	0.240180	0.167	0.867
L15.T	0.138978	1.239269	0.112	0.911
L15.Tpot	-0.193509	0.993199	-0.195	0.846
L15.Tdew	0.038710	0.078517	0.493	0.622
L15.rh	0.010463	0.013348	0.784	0.433
L15.VPmax	0.362404	0.809687	0.448	0.654
L15.VPact	0.242685	0.961067	0.253	0.801
L15.VPdef	-0.412145	0.810688	-0.508	0.611
L15.sh	0.749756	1.137606	0.659	0.510
L15.H2OC	-1.164625	0.925479	-1.258	0.208
L15.rho	-0.036058	0.190752	-0.189	0.850
L15.wv	0.000089	0.000084	1.066	0.287
L15.max. wv	-0.014263	0.004531	-3.148	0.002
L15.wd	0.000034	0.000067	0.506	0.613
L15.rain	-0.007469	0.043012	-0.174	0.862
L15.raining	-0.000009	0.000069	-0.134	0.894
L15.SWDR	0.001701	0.001011	1.683	0.092
L15.PAR	-0.000776	0.000529	-1.467	0.142
L15.max. PAR	0.000019	0.000013	1.444	0.149
L15.Tlog	-0.006208	0.057907	-0.107	0.915

Results for equation wd

	coefficient	std. error	t-stat	prob
const	0.005332	0.244958	0.022	0.983

L1.p	-6.611030	15.737715	-0.420	0.674
L1.T	-23.079595	80.969331	-0.285	0.776
L1.Tpot	60.588933	64.977465	0.932	0.351
L1.Tdew	9.146610	5.168957	1.770	0.077
L1.rh	-1.352748	0.880471	-1.536	0.124
L1.VPmax	-38.879247	52.826910	-0.736	0.462
L1.VPact	-18.530698	62.679787	-0.296	0.768
L1.VPdef	32.613338	52.862369	0.617	0.537
L1.sh	-33.137399	74.266432	-0.446	0.655
L1.H2OC	62.484429	60.309657	1.036	0.300
L1.rho	10.151115	12.503086	0.812	0.417
L1.wv	-0.009485	0.005459	-1.738	0.082
L1.max. wv	0.092831	0.291091	0.319	0.750
L1.wd	-0.580069	0.004390	-132.143	0.000
L1.rain	2.131225	2.799266	0.761	0.446
L1.raining	-0.012680	0.004484	-2.828	0.005
L1.SWDR	0.048116	0.065290	0.737	0.461
L1.PAR	-0.031301	0.034182	-0.916	0.360
L1.max. PAR	0.000876	0.000855	1.023	0.306
L1.Tlog	1.787287	4.332955	0.412	0.680
L2.p	11.345801	16.780654	0.676	0.499
L2.T	-83.689751	97.009557	-0.863	0.388
L2.Tpot	107.018605	80.793623	1.325	0.185
L2.Tdew	-13.644728	5.365568	-2.543	0.011
L2.rh	1.741521	0.929252	1.874	0.061
L2.VPmax	79.628726	70.653834	1.127	0.260
L2.VPact	-95.724671	81.024524	-1.181	0.237
L2.VPdef	-88.418598	70.722277	-1.250	0.211
L2.sh	41.412699	99.809936	0.415	0.678
L2.H2OC	-12.832972	76.927204	-0.167	0.868
L2.rho	0.394203	12.661346	0.031	0.975
L2.wv	-0.010669	0.007457	-1.431	0.152
L2.max. wv	-0.621469	0.317309	-1.959	0.050
L2.wd	-0.465819	0.005082	-91.664	0.000
L2.rain	3.101955	2.990893	1.037	0.300
L2.raining	-0.004016	0.004684	-0.857	0.391
L2.SWDR	-0.080464	0.069033	-1.166	0.244
L2.PAR	0.038880	0.036057	1.078	0.281
L2.max. PAR	0.000904	0.000989	0.915	0.360
L2.Tlog	-8.993085	5.924132	-1.518	0.129
L3.p	6.981929	17.298443	0.404	0.686
L3.T	-91.496373	105.060557	-0.871	0.384
L3.Tpot	69.102817	88.470234	0.781	0.435
L3.Tdew	0.507306	5.375165	0.094	0.925
L3.rh	0.098448	0.930860	0.106	0.916
L3.VPmax	110.654839	82.203884	1.346	0.178
L3.VPact	-109.183935	92.222138	-1.184	0.236
L3.VPdef	-106.193924	82.269632	-1.291	0.197
L3.sh	-38.758373	116.044620	-0.334	0.738
L3.H2OC	21.922739	86.520421	0.253	0.800
L3.rho	-4.446607	12.737655	-0.349	0.727
L3.wv	-0.013118	0.008798	-1.491	0.136
L3.max. wv	-0.232154	0.330741	-0.702	0.483
L3.wd	-0.397732	0.005472	-72.691	0.000
L3.rain	-3.553826	3.134270	-1.134	0.257
L3.raining	-0.006011	0.004832	-1.244	0.214
L3.SWDR	-0.111021	0.070459	-1.576	0.115
L3.PAR	0.046830	0.036736	1.275	0.202
L3.max. PAR	0.000054	0.001083	0.050	0.960
L3.Tlog	4.754547	6.027549	0.789	0.430
L4.p	7.829047	17.582462	0.445	0.656
L4.T	-15.999064	109.183627	-0.147	0.884
L4.Tpot	3.472747	92.314523	0.038	0.970
L4.Tdew	-3.427619	5.381809	-0.637	0.524
L4.rh	-0.533540	0.932382	-0.572	0.567
L4.VPmax	-0.980659	90.389821	-0.011	0.991
L4.VPact	-161.076307	99.893808	-1.612	0.107
L4.VPdef	0.200351	90.464557	0.002	0.998
L4.sh	-83.747791	127.175858	-0.659	0.510
L4.H2OC	216.885842	92.783321	2.338	0.019
L4.rho	-2.669668	12.792980	-0.209	0.835
L4.wv	-0.012726	0.009759	-1.304	0.192
L4.max. wv	-0.617798	0.339183	-1.821	0.069
L4.wd	-0.339993	0.005730	-59.336	0.000
L4.rain	-1.155067	3.243830	-0.356	0.722
L4.raining	-0.008547	0.004900	-1.744	0.081
L4.SWDR	-0.111543	0.071253	-1.565	0.117
L4.PAR	0.052884	0.037104	1.425	0.154
L4.max. PAR	0.001081	0.001118	0.966	0.334
L4.Tlog	0.888211	6.030607	0.147	0.883
L5.p	16.202328	17.720332	0.914	0.361
L5.T	-157.117862	111.055629	-1.415	0.157
L5.Tpot	118.234572	94.110928	1.256	0.209
L5.Tdew	18.597449	5.383974	3.454	0.001
L5.rh	-0.060891	0.932293	-0.211	0.927

L5.VPmax	-12.964690	96.122832	-0.135	0.893
L5.VPact	-140.947547	105.180875	-1.340	0.180
L5.VPdef	20.879345	96.192102	0.217	0.828
L5.sh	-13.472811	134.929607	-0.100	0.920
L5.H2OC	152.892524	97.039807	1.576	0.115
L5.rho	-4.918258	12.831107	-0.383	0.701
L5.wv	-0.012766	0.010445	-1.222	0.222
L5.max. wv	-0.659293	0.344192	-1.915	0.055
L5.wd	-0.269765	0.005899	-45.733	0.000
L5.rain	3.086793	3.311445	0.932	0.351
L5.raining	-0.003817	0.004956	-0.770	0.441
L5.SWDR	-0.064851	0.071614	-0.906	0.365
L5.PAR	0.028700	0.037266	0.770	0.441
L5.max. PAR	0.001333	0.001156	1.153	0.249
L5.Tlog	-3.108426	6.036254	-0.515	0.607
L6.p	15.581634	17.776312	0.877	0.381
L6.T	-230.760079	111.847134	-2.063	0.039
L6.Tpot	282.598739	94.848829	2.979	0.003
L6.Tdew	-13.287808	5.385852	-2.467	0.014
L6.rh	1.519250	0.932678	1.629	0.103
L6.VPmax	107.999811	100.083551	1.079	0.281
L6.VPact	-84.602887	108.855462	-0.777	0.437
L6.VPdef	-116.125869	100.144634	-1.160	0.246
L6.sh	11.508099	140.253412	0.082	0.935
L6.H2OC	-25.554760	100.078555	-0.255	0.798
L6.rho	8.315076	12.851898	0.647	0.518
L6.wv	-0.009587	0.010908	-0.879	0.379
L6.max. wv	-0.843732	0.347055	-2.431	0.015
L6.wd	-0.231933	0.005988	-38.734	0.000
L6.rain	2.008251	3.374435	0.595	0.552
L6.raining	-0.002652	0.004993	-0.531	0.595
L6.SWDR	0.002720	0.071862	0.038	0.970
L6.PAR	-0.008904	0.037369	-0.238	0.812
L6.max. PAR	0.000116	0.001188	0.098	0.922
L6.Tlog	-3.790860	6.067736	-0.625	0.532
L7.p	11.196839	17.800737	0.629	0.529
L7.T	-171.039607	112.094247	-1.526	0.127
L7.Tpot	161.825828	95.061752	1.702	0.089
L7.Tdew	-3.563425	5.383691	-0.662	0.508
L7.rh	0.916775	0.932231	0.983	0.325
L7.VPmax	135.870502	102.248366	1.329	0.184
L7.VPact	28.469164	110.946932	0.257	0.797
L7.VPdef	-131.110340	102.286256	-1.282	0.200
L7.sh	-23.121219	143.194370	-0.161	0.872
L7.H2OC	-141.325435	101.888085	-1.387	0.165
L7.rho	-1.857455	12.868337	-0.144	0.885
L7.wv	-0.008780	0.011179	-0.785	0.432
L7.max. wv	-0.335701	0.348883	-0.962	0.336
L7.wd	-0.202637	0.006034	-33.583	0.000
L7.rain	6.344258	3.411540	1.860	0.063
L7.raining	-0.007600	0.005003	-1.519	0.129
L7.SWDR	0.051272	0.072030	0.712	0.477
L7.PAR	-0.030526	0.037442	-0.815	0.415
L7.max. PAR	0.000499	0.001205	0.415	0.678
L7.Tlog	1.430431	6.070919	0.236	0.814
L8.p	45.378644	17.809704	2.548	0.011
L8.T	-278.636525	112.110880	-2.485	0.013
L8.Tpot	153.131843	95.029259	1.611	0.107
L8.Tdew	5.336073	5.379737	0.992	0.321
L8.rh	0.269359	0.932116	0.289	0.773
L8.VPmax	91.465809	102.977202	0.888	0.374
L8.VPact	-64.298932	111.672869	-0.576	0.565
L8.VPdef	-77.788438	103.009699	-0.755	0.450
L8.sh	56.522892	144.072478	0.392	0.695
L8.H2OC	-71.768993	102.447408	-0.701	0.484
L8.rho	-26.583665	12.882176	-2.064	0.039
L8.wv	-0.006573	0.011269	-0.583	0.560
L8.max. wv	-0.021593	0.349594	-0.062	0.951
L8.wd	-0.179952	0.006050	-29.742	0.000
L8.rain	6.815054	3.423405	1.991	0.047
L8.raining	-0.000141	0.005011	-0.028	0.978
L8.SWDR	0.018839	0.072086	0.261	0.794
L8.PAR	-0.014624	0.037464	-0.390	0.696
L8.max. PAR	-0.000028	0.001213	-0.023	0.981
L8.Tlog	-0.099744	6.080112	-0.016	0.987
L9.p	21.402814	17.796673	1.203	0.229
L9.T	-189.226519	111.991001	-1.690	0.091
L9.Tpot	109.043669	94.872749	1.149	0.250
L9.Tdew	8.043857	5.374283	1.497	0.134
L9.rh	-1.082479	0.931454	-1.162	0.245
L9.VPmax	40.660135	102.236382	0.398	0.691
L9.VPact	-21.901261	111.029586	-0.197	0.844
L9.VPdef	-29.542412	102.251388	-0.289	0.773
L9.sh	151.728613	143.108490	1.060	0.289

L9.H2OC	-112.763077	102.023990	-1.105	0.269
L9.rho	-14.778149	12.872450	-1.148	0.251
L9.wv	-0.003561	0.011182	-0.318	0.750
L9.max. wv	-0.688533	0.349071	-1.972	0.049
L9.wd	-0.161320	0.006038	-26.718	0.000
L9.rain	2.818547	3.411260	0.826	0.409
L9.raining	-0.002064	0.004999	-0.413	0.680
L9.SWDR	-0.060962	0.072076	-0.846	0.398
L9.PAR	0.038676	0.037463	1.032	0.302
L9.max. PAR	-0.000440	0.001203	-0.366	0.715
L9.Tlog	-7.435923	6.076150	-1.224	0.221
L10.p	35.416265	17.771252	1.993	0.046
L10.T	-272.157890	111.682774	-2.437	0.015
L10.Tpot	224.322071	94.520092	2.373	0.018
L10.Tdew	-14.563288	5.371133	-2.711	0.007
L10.rh	1.176603	0.931380	1.263	0.206
L10.VPmax	121.710978	100.037413	1.217	0.224
L10.VPact	-115.489395	109.074697	-1.059	0.290
L10.VPdef	-115.731957	100.043122	-1.157	0.247
L10.sh	86.992002	140.037190	0.621	0.534
L10.H2OC	-48.621394	100.466547	-0.484	0.628
L10.rho	-12.432840	12.855248	-0.967	0.333
L10.wv	-0.001293	0.010913	-0.118	0.906
L10.max. wv	-0.490937	0.348189	-1.410	0.159
L10.wd	-0.132753	0.005995	-22.145	0.000
L10.rain	3.746093	3.368347	1.112	0.266
L10.raining	0.003199	0.004989	0.641	0.521
L10.SWDR	-0.058985	0.072028	-0.819	0.413
L10.PAR	0.027714	0.037449	0.740	0.459
L10.max. PAR	-0.000737	0.001186	-0.622	0.534
L10.Tlog	1.046187	6.068441	0.172	0.863
L11.p	27.742408	17.702754	1.567	0.117
L11.T	-253.290902	110.777854	-2.286	0.022
L11.Tpot	210.234382	93.685260	2.244	0.025
L11.Tdew	-1.175956	5.362324	-0.219	0.826
L11.rh	-0.452589	0.930335	-0.486	0.627
L11.VPmax	98.852134	96.085661	1.029	0.304
L11.VPact	-151.150822	105.413336	-1.434	0.152
L11.VPdef	-94.439562	96.093061	-0.983	0.326
L11.sh	80.178458	134.603388	0.596	0.551
L11.H2OC	3.253936	97.583177	0.033	0.973
L11.rho	-9.021927	12.835196	-0.703	0.482
L11.wv	-0.000882	0.010450	-0.084	0.933
L11.max. wv	-0.419418	0.346203	-1.211	0.226
L11.wd	-0.118665	0.005907	-20.089	0.000
L11.rain	0.104135	3.305448	0.032	0.975
L11.raining	-0.003196	0.004949	-0.646	0.518
L11.SWDR	-0.071160	0.071767	-0.992	0.321
L11.PAR	0.038573	0.037320	1.034	0.301
L11.max. PAR	-0.000529	0.001156	-0.458	0.647
L11.Tlog	3.342979	6.040401	0.553	0.580
L12.p	3.070951	17.558310	0.175	0.861
L12.T	-130.703160	108.824573	-1.201	0.230
L12.Tpot	179.625510	91.883212	1.955	0.051
L12.Tdew	5.253740	5.357728	0.981	0.327
L12.rh	-1.185915	0.930122	-1.275	0.202
L12.VPmax	26.987995	90.318557	0.299	0.765
L12.VPact	-36.771621	100.178422	-0.367	0.714
L12.VPdef	-36.070132	90.357840	-0.399	0.690
L12.sh	30.506949	126.887733	0.240	0.810
L12.H2OC	-12.392695	93.253929	-0.133	0.894
L12.rho	10.953462	12.796267	0.856	0.392
L12.wv	-0.000565	0.009763	-0.058	0.954
L12.max. wv	-0.147129	0.342530	-0.430	0.668
L12.wd	-0.090541	0.005739	-15.776	0.000
L12.rain	-4.714485	3.236925	-1.456	0.145
L12.raining	0.004754	0.004894	0.971	0.331
L12.SWDR	-0.003014	0.071414	-0.042	0.966
L12.PAR	0.006896	0.037149	0.186	0.853
L12.max. PAR	-0.000250	0.001118	-0.224	0.823
L12.Tlog	-0.948026	6.027809	-0.157	0.875
L13.p	1.205902	17.277144	0.070	0.944
L13.T	-101.379229	104.739814	-0.968	0.333
L13.Tpot	143.821252	88.078246	1.633	0.102
L13.Tdew	-7.038647	5.343664	-1.317	0.188
L13.rh	1.036891	0.928063	1.117	0.264
L13.VPmax	21.396873	82.164592	0.260	0.795
L13.VPact	-43.279884	92.450297	-0.468	0.640
L13.VPdef	-28.262497	82.199781	-0.344	0.731
L13.sh	110.956857	115.790706	0.958	0.338
L13.H2OC	-49.919289	86.921074	-0.574	0.566
L13.rho	7.160184	12.742420	0.562	0.574
L13.wv	-0.000325	0.008801	-0.037	0.971
L13.max. wv	-0.142495	0.336106	-0.424	0.672
L13.wd	-0.062877	0.005480	-11.473	0.000

L13.rain	1.957858	3.127034	0.626	0.531
L13.raining	0.007576	0.004820	1.572	0.116
L13.SWDR	0.059595	0.070704	0.843	0.399
L13.PAR	-0.023810	0.036806	-0.647	0.518
L13.max. PAR	-0.000688	0.001082	-0.636	0.525
L13.Tlog	11.576129	6.020499	1.923	0.055
L14.p	-0.807026	16.746003	-0.048	0.962
L14.T	-40.536735	96.719865	-0.419	0.675
L14.Tpot	46.204127	80.548294	0.574	0.566
L14.Tdew	2.421285	5.332709	0.454	0.650
L14.rh	-0.939234	0.926679	-1.014	0.311
L14.VPmax	-20.481378	70.643623	-0.290	0.772
L14.VPact	79.219274	81.126866	0.976	0.329
L14.VPdef	25.009390	70.702226	0.354	0.724
L14.sh	-6.186689	99.646014	-0.062	0.950
L14.H2OC	-43.183992	77.163480	-0.560	0.576
L14.rho	2.530680	12.655446	0.200	0.842
L14.wv	-0.000310	0.007458	-0.042	0.967
L14.max. wv	0.072357	0.324901	0.223	0.824
L14.wd	-0.040753	0.005090	-8.007	0.000
L14.rain	0.648865	2.989378	0.217	0.828
L14.raining	-0.000546	0.004677	-0.117	0.907
L14.SWDR	-0.081282	0.069264	-1.174	0.241
L14.PAR	0.034693	0.036109	0.961	0.337
L14.max. PAR	-0.001006	0.000988	-1.017	0.309
L14.Tlog	-12.613311	5.886046	-2.143	0.032
L15.p	-15.133956	15.672626	-0.966	0.334
L15.T	104.951659	80.866666	1.298	0.194
L15.Tpot	-39.255270	64.809748	-0.606	0.545
L15.Tdew	2.284908	5.123509	0.446	0.656
L15.rh	-0.170648	0.871031	-0.196	0.845
L15.VPmax	27.894355	52.834944	0.528	0.598
L15.VPact	5.048466	62.712998	0.081	0.936
L15.VPdef	-38.256613	52.900233	-0.723	0.470
L15.sh	-25.354283	74.232790	-0.342	0.733
L15.H2OC	-22.372822	60.390796	-0.370	0.711
L15.rho	13.347023	12.447231	1.072	0.284
L15.wv	0.000185	0.005459	0.034	0.973
L15.max. wv	0.093226	0.295646	0.315	0.753
L15.wd	-0.017183	0.004393	-3.912	0.000
L15.rain	4.431501	2.806684	1.579	0.114
L15.raining	-0.000650	0.004491	-0.145	0.885
L15.SWDR	-0.097376	0.065968	-1.476	0.140
L15.PAR	0.046102	0.034531	1.335	0.182
L15.max. PAR	0.001300	0.000857	1.517	0.129
L15.Tlog	1.920436	3.778644	0.508	0.611

Results for equation rain

	coefficient	std. error	t-stat	prob
const	0.000004	0.000392	0.009	0.993
L1.p	0.087889	0.025197	3.488	0.000
L1.T	-0.045910	0.129638	-0.354	0.723
L1.Tpot	-0.140731	0.104034	-1.353	0.176
L1.Tdew	-0.022541	0.008276	-2.724	0.006
L1.rh	-0.001697	0.001410	-1.203	0.229
L1.VPmax	-0.095742	0.084580	-1.132	0.258
L1.VPact	-0.043517	0.100355	-0.434	0.665
L1.VPdef	0.102656	0.084637	1.213	0.225
L1.sh	-0.145479	0.118906	-1.223	0.221
L1.H2OC	0.265355	0.096560	2.748	0.006
L1.rho	-0.041825	0.020018	-2.089	0.037
L1.wv	0.000007	0.000009	0.832	0.405
L1.max. wv	0.001353	0.000466	2.902	0.004
L1.wd	0.000014	0.000007	1.968	0.049
L1.rain	-0.343789	0.004482	-76.707	0.000
L1.raining	0.000128	0.000007	17.825	0.000
L1.SWDR	0.000231	0.000105	2.207	0.027
L1.PAR	-0.000134	0.000055	-2.440	0.015
L1.max. PAR	-0.000001	0.000001	-0.635	0.526
L1.Tlog	0.020476	0.006937	2.952	0.003
L2.p	-0.005340	0.026867	-0.199	0.842
L2.T	0.063458	0.155320	0.409	0.683
L2.Tpot	-0.206759	0.129357	-1.598	0.110
L2.Tdew	0.017721	0.008591	2.063	0.039
L2.rh	-0.003978	0.001488	-2.674	0.008
L2.VPmax	-0.088604	0.113122	-0.783	0.433
L2.VPact	-0.248966	0.129726	-1.919	0.055
L2.VPdef	0.091677	0.113232	0.810	0.418
L2.sh	-0.125292	0.159803	-0.784	0.433
L2.H2OC	0.407973	0.123166	3.312	0.001
L2.rho	-0.026553	0.020272	-1.310	0.190
L2.wv	0.000005	0.000012	0.457	0.648

L2.max. wv	0.001898	0.000508	3.735	0.000
L2.wd	0.000013	0.000008	1.567	0.117
L2.rain	-0.321544	0.004789	-67.147	0.000
L2.raining	0.000065	0.000007	8.695	0.000
L2.SWDR	0.000133	0.000111	1.203	0.229
L2.PAR	-0.000063	0.000058	-1.083	0.279
L2.max. PAR	0.000001	0.000002	0.479	0.632
L2.Tlog	-0.005239	0.009485	-0.552	0.581
L3.p	-0.023745	0.027696	-0.857	0.391
L3.T	0.171192	0.168210	1.018	0.309
L3.Tpot	-0.103388	0.141647	-0.730	0.465
L3.Tdew	-0.000577	0.008606	-0.067	0.947
L3.rh	-0.001390	0.001490	-0.933	0.351
L3.VPmax	-0.169244	0.131615	-1.286	0.198
L3.VPact	-0.289383	0.147655	-1.960	0.050
L3.VPdef	0.160766	0.131720	1.221	0.222
L3.sh	-0.084869	0.185796	-0.457	0.648
L3.H2OC	0.523326	0.138526	3.778	0.000
L3.rho	0.014486	0.020394	0.710	0.478
L3.wv	0.000005	0.000014	0.367	0.714
L3.max. wv	0.000752	0.000530	1.421	0.155
L3.wd	0.000029	0.000009	3.313	0.001
L3.rain	-0.298207	0.005018	-59.425	0.000
L3.raining	0.000064	0.000008	8.322	0.000
L3.SWDR	-0.000088	0.000113	-0.779	0.436
L3.PAR	0.000052	0.000059	0.886	0.376
L3.max. PAR	0.000001	0.000002	0.445	0.656
L3.Tlog	0.002009	0.009651	0.208	0.835
L4.p	0.038920	0.028151	1.383	0.167
L4.T	-0.066175	0.174811	-0.379	0.705
L4.Tpot	-0.093885	0.147802	-0.635	0.525
L4.Tdew	-0.003924	0.008617	-0.455	0.649
L4.rh	0.003476	0.001493	2.329	0.020
L4.VPmax	-0.179940	0.144721	-1.243	0.214
L4.VPact	-0.177122	0.159937	-1.107	0.268
L4.VPdef	0.197144	0.144841	1.361	0.173
L4.sh	-0.177302	0.203618	-0.871	0.384
L4.H2OC	0.438977	0.148553	2.955	0.003
L4.rho	-0.036017	0.020483	-1.758	0.079
L4.wv	0.000005	0.000016	0.290	0.772
L4.max. wv	0.002660	0.000543	4.898	0.000
L4.wd	0.000009	0.000009	1.001	0.317
L4.rain	-0.256116	0.005194	-49.314	0.000
L4.raining	0.000068	0.000008	8.651	0.000
L4.SWDR	0.000052	0.000114	0.452	0.651
L4.PAR	-0.000035	0.000059	-0.585	0.559
L4.max. PAR	0.000000	0.000002	0.115	0.909
L4.Tlog	-0.009450	0.009655	-0.979	0.328
L5.p	0.028991	0.028372	1.022	0.307
L5.T	0.003598	0.177808	0.020	0.984
L5.Tpot	-0.118463	0.150679	-0.786	0.432
L5.Tdew	-0.009730	0.008620	-1.129	0.259
L5.rh	0.001315	0.001493	0.881	0.378
L5.VPmax	-0.225541	0.153900	-1.466	0.143
L5.VPact	0.003351	0.168402	0.020	0.984
L5.VPdef	0.247165	0.154011	1.605	0.109
L5.sh	-0.164262	0.216032	-0.760	0.447
L5.H2OC	0.341638	0.155368	2.199	0.028
L5.rho	-0.023702	0.020544	-1.154	0.249
L5.wv	0.000005	0.000017	0.308	0.758
L5.max. wv	0.002126	0.000551	3.858	0.000
L5.wd	-0.000009	0.000009	-0.973	0.331
L5.rain	-0.262090	0.005302	-49.433	0.000
L5.raining	0.000076	0.000008	9.541	0.000
L5.SWDR	-0.000064	0.000115	-0.558	0.577
L5.PAR	0.000023	0.000060	0.394	0.694
L5.max. PAR	-0.000001	0.000002	-0.461	0.645
L5.Tlog	0.008676	0.009664	0.898	0.369
L6.p	-0.017444	0.028461	-0.613	0.540
L6.T	-0.035340	0.179076	-0.197	0.844
L6.Tpot	0.157179	0.151860	1.035	0.301
L6.Tdew	-0.006551	0.008623	-0.760	0.447
L6.rh	0.001268	0.001493	0.849	0.396
L6.VPmax	-0.237913	0.160241	-1.485	0.138
L6.VPact	-0.085932	0.174286	-0.493	0.622
L6.VPdef	0.230760	0.160339	1.439	0.150
L6.sh	-0.290260	0.224556	-1.293	0.196
L6.H2OC	0.514561	0.160233	3.211	0.001
L6.rho	0.025342	0.020577	1.232	0.218
L6.wv	0.000002	0.000017	0.118	0.906
L6.max. wv	0.002942	0.000556	5.294	0.000
L6.wd	-0.000004	0.000010	-0.462	0.644
L6.rain	-0.235401	0.005403	-43.571	0.000
L6.raining	0.000036	0.000008	4.558	0.000
L6.SWDR	0.000008	0.000115	0.477	0.917

L6.PAR	-0.000010	0.000060	-0.169	0.866
L6.max. PAR	0.000001	0.000002	0.592	0.554
L6.Tlog	0.003066	0.009715	0.316	0.752
L7.p	0.003017	0.028500	0.106	0.916
L7.T	-0.138011	0.179471	-0.769	0.442
L7.Tpot	0.176115	0.152201	1.157	0.247
L7.Tdew	0.008693	0.008620	1.009	0.313
L7.rh	-0.000687	0.001493	-0.460	0.645
L7.VPmax	-0.160394	0.163707	-0.980	0.327
L7.VPact	-0.027638	0.177634	-0.156	0.876
L7.VPdef	0.156679	0.163768	0.957	0.339
L7.sh	-0.157601	0.229265	-0.687	0.492
L7.H2OC	0.279152	0.163130	1.711	0.087
L7.rho	0.009073	0.020603	0.440	0.660
L7.wv	0.000004	0.000018	0.235	0.814
L7.max. wv	0.001259	0.000559	2.254	0.024
L7.wd	0.000004	0.000010	0.369	0.712
L7.rain	-0.202281	0.005462	-37.033	0.000
L7.raining	0.000059	0.000008	7.341	0.000
L7.SWDR	-0.000021	0.000115	-0.181	0.856
L7.PAR	-0.000002	0.000060	-0.035	0.972
L7.max. PAR	0.000001	0.000002	0.402	0.688
L7.Tlog	-0.006292	0.009720	-0.647	0.517
L8.p	-0.045387	0.028515	-1.592	0.111
L8.T	-0.059763	0.179498	-0.333	0.739
L8.Tpot	0.319629	0.152149	2.101	0.036
L8.Tdew	-0.002015	0.008613	-0.234	0.815
L8.rh	0.000825	0.001492	0.553	0.580
L8.VPmax	-0.173167	0.164874	-1.050	0.294
L8.VPact	0.059069	0.178797	0.330	0.741
L8.VPdef	0.147672	0.164926	0.895	0.371
L8.sh	-0.178962	0.230671	-0.776	0.438
L8.H2OC	0.224502	0.164026	1.369	0.171
L8.rho	0.054532	0.020625	2.644	0.008
L8.wv	0.000003	0.000018	0.170	0.865
L8.max. wv	0.000537	0.000560	0.960	0.337
L8.wd	-0.000006	0.000010	-0.587	0.557
L8.rain	-0.180506	0.005481	-32.932	0.000
L8.raining	0.000048	0.000008	6.000	0.000
L8.SWDR	0.000043	0.000115	0.375	0.707
L8.PAR	-0.000028	0.000060	-0.464	0.642
L8.max. PAR	0.000001	0.000002	0.393	0.694
L8.Tlog	0.000985	0.009735	0.101	0.919
L9.p	-0.005897	0.028494	-0.207	0.836
L9.T	-0.123580	0.179306	-0.689	0.491
L9.Tpot	0.157190	0.151898	1.035	0.301
L9.Tdew	0.006914	0.008605	0.804	0.422
L9.rh	-0.000982	0.001491	-0.658	0.510
L9.VPmax	-0.085533	0.163688	-0.523	0.601
L9.VPact	0.024813	0.177767	0.140	0.889
L9.VPdef	0.082644	0.163712	0.505	0.614
L9.sh	-0.168708	0.229127	-0.736	0.462
L9.H2OC	0.163219	0.163348	0.999	0.318
L9.rho	0.008702	0.020610	0.422	0.673
L9.wv	0.000002	0.000018	0.086	0.931
L9.max. wv	0.000332	0.000559	0.594	0.552
L9.wd	-0.000003	0.000010	-0.325	0.745
L9.rain	-0.146183	0.005462	-26.765	0.000
L9.raining	0.000023	0.000008	2.892	0.004
L9.SWDR	-0.000096	0.000115	-0.833	0.405
L9.PAR	0.000033	0.000060	0.545	0.586
L9.max. PAR	-0.000000	0.000002	-0.036	0.971
L9.Tlog	0.007363	0.009728	0.757	0.449
L10.p	-0.021695	0.028453	-0.762	0.446
L10.T	-0.157140	0.178813	-0.879	0.380
L10.Tpot	0.304746	0.151334	2.014	0.044
L10.Tdew	0.012001	0.008600	1.396	0.163
L10.rh	-0.000413	0.001491	-0.277	0.782
L10.VPmax	-0.081048	0.160167	-0.506	0.613
L10.VPact	0.110320	0.174637	0.632	0.528
L10.VPdef	0.062181	0.160177	0.388	0.698
L10.sh	-0.188199	0.224210	-0.839	0.401
L10.H2OC	0.063139	0.160854	0.393	0.695
L10.rho	0.030651	0.020582	1.489	0.136
L10.wv	0.000000	0.000017	0.015	0.988
L10.max. wv	-0.000461	0.000557	-0.827	0.408
L10.wd	0.000005	0.000010	0.486	0.627
L10.rain	-0.133209	0.005393	-24.700	0.000
L10.raining	0.000021	0.000008	2.590	0.010
L10.SWDR	-0.000128	0.000115	-1.109	0.268
L10.PAR	0.000040	0.000060	0.665	0.506
L10.max. PAR	-0.000002	0.000002	-1.316	0.188
L10.Tlog	0.007272	0.009716	0.748	0.454
L11.p	0.064614	0.028343	2.280	0.023

L11.T	-0.419046	0.177364	-2.363	0.018
L11.Tpot	0.300168	0.149997	2.001	0.045
L11.Tdew	-0.006322	0.008585	-0.736	0.462
L11.rh	0.000051	0.001490	0.034	0.973
L11.VPmax	-0.029985	0.153840	-0.195	0.845
L11.VPact	0.141307	0.168775	0.837	0.402
L11.VPdef	0.048407	0.153852	0.315	0.753
L11.sh	-0.154448	0.215510	-0.717	0.474
L11.H2OC	0.004904	0.156238	0.031	0.975
L11.rho	-0.023786	0.020550	-1.157	0.247
L11.wv	-0.000001	0.000017	-0.073	0.942
L11.max. wv	0.000248	0.000554	0.448	0.654
L11.wd	0.000000	0.000009	0.034	0.973
L11.rain	-0.099881	0.005292	-18.873	0.000
L11.raining	-0.000008	0.000008	-0.971	0.331
L11.SWDR	0.000072	0.000115	0.623	0.533
L11.PAR	-0.000055	0.000060	-0.917	0.359
L11.max. PAR	-0.000000	0.000002	-0.024	0.981
L11.Tlog	0.005218	0.009671	0.540	0.590
L12.p	0.044964	0.028112	1.599	0.110
L12.T	-0.429995	0.174236	-2.468	0.014
L12.Tpot	0.294125	0.147112	1.999	0.046
L12.Tdew	0.007200	0.008578	0.839	0.401
L12.rh	-0.002160	0.001489	-1.450	0.147
L12.VPmax	-0.007975	0.144607	-0.055	0.956
L12.VPact	0.257729	0.160393	1.607	0.108
L12.VPdef	0.025737	0.144670	0.178	0.859
L12.sh	-0.265720	0.203157	-1.308	0.191
L12.H2OC	-0.073409	0.149307	-0.492	0.623
L12.rho	-0.025378	0.020488	-1.239	0.215
L12.wv	-0.000002	0.000016	-0.116	0.908
L12.max. wv	0.000442	0.000548	0.806	0.420
L12.wd	0.000012	0.000009	1.265	0.206
L12.rain	-0.072393	0.005183	-13.969	0.000
L12.raining	0.000015	0.000008	1.951	0.051
L12.SWDR	-0.000010	0.000114	-0.086	0.931
L12.PAR	-0.000018	0.000059	-0.303	0.762
L12.max. PAR	0.000000	0.000002	0.074	0.941
L12.Tlog	-0.027592	0.009651	-2.859	0.004
L13.p	0.018092	0.027662	0.654	0.513
L13.T	-0.321215	0.167696	-1.915	0.055
L13.Tpot	0.346544	0.141020	2.457	0.014
L13.Tdew	0.004494	0.008556	0.525	0.599
L13.rh	-0.001112	0.001486	-0.748	0.454
L13.VPmax	0.002154	0.131552	0.016	0.987
L13.VPact	0.163390	0.148020	1.104	0.270
L13.VPdef	0.002096	0.131608	0.016	0.987
L13.sh	-0.135376	0.185390	-0.730	0.465
L13.H2OC	-0.067604	0.139167	-0.486	0.627
L13.rho	0.008882	0.020402	0.435	0.663
L13.wv	-0.000002	0.000014	-0.150	0.880
L13.max. wv	0.000320	0.000538	0.596	0.551
L13.wd	-0.000001	0.000009	-0.157	0.875
L13.rain	-0.073472	0.005007	-14.675	0.000
L13.raining	0.000017	0.000008	2.224	0.026
L13.SWDR	0.000274	0.000113	2.422	0.015
L13.PAR	-0.000154	0.000059	-2.612	0.009
L13.max. PAR	0.000003	0.000002	1.723	0.085
L13.Tlog	0.010527	0.009639	1.092	0.275
L14.p	-0.005770	0.026812	-0.215	0.830
L14.T	-0.178643	0.154856	-1.154	0.249
L14.Tpot	0.264620	0.128964	2.052	0.040
L14.Tdew	0.002497	0.008538	0.292	0.770
L14.rh	0.000150	0.001484	0.101	0.920
L14.VPmax	-0.014988	0.113106	-0.133	0.895
L14.VPact	0.143142	0.129890	1.102	0.270
L14.VPdef	-0.006975	0.113200	-0.062	0.951
L14.sh	-0.106512	0.159541	-0.668	0.504
L14.H2OC	-0.083396	0.123545	-0.675	0.500
L14.rho	0.015895	0.020262	0.784	0.433
L14.wv	-0.000002	0.000012	-0.169	0.866
L14.max. wv	-0.000442	0.000520	-0.850	0.395
L14.wd	-0.000001	0.000008	-0.095	0.925
L14.rain	-0.063165	0.004786	-13.197	0.000
L14.raining	0.000005	0.000007	0.640	0.522
L14.SWDR	-0.000003	0.000111	-0.029	0.976
L14.PAR	-0.000001	0.000058	-0.011	0.991
L14.max. PAR	0.000002	0.000002	1.028	0.304
L14.Tlog	0.017491	0.009424	1.856	0.063
L15.p	-0.003643	0.025093	-0.145	0.885
L15.T	-0.002452	0.129474	-0.019	0.985
L15.Tpot	-0.024279	0.103765	-0.234	0.815
L15.Tdew	0.016839	0.008203	2.053	0.040
L15.rh	-0.003067	0.001395	-2.199	0.028
L15.VPmax	0.064121	0.084593	0.758	0.448

L15.VPact	-0.018042	0.100408	-0.180	0.857
L15.VPdef	-0.049392	0.084697	-0.583	0.560
L15.sh	-0.150342	0.118852	-1.265	0.206
L15.H2OC	0.054245	0.096690	0.561	0.575
L15.rho	-0.000217	0.019929	-0.011	0.991
L15.wv	-0.000002	0.000009	-0.273	0.785
L15.max. wv	-0.000187	0.000473	-0.395	0.693
L15.wd	-0.000005	0.000007	-0.712	0.476
L15.rain	-0.035019	0.004494	-7.793	0.000
L15.raining	-0.000010	0.000007	-1.347	0.178
L15.SWDR	0.000060	0.000106	0.571	0.568
L15.PAR	-0.000036	0.000055	-0.648	0.517
L15.max. PAR	0.000001	0.000001	0.486	0.627
L15.Tlog	-0.010241	0.006050	-1.693	0.090

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Results for equation raining

	coefficient	std. error	t-stat	prob
const	-0.006116	0.245225	-0.025	0.980
L1.p	34.783813	15.754846	2.208	0.027
L1.T	62.174176	81.057469	0.767	0.443
L1.Tpot	-94.888522	65.048195	-1.459	0.145
L1.Tdew	-3.434017	5.174584	-0.664	0.507
L1.rh	1.326910	0.881430	1.505	0.132
L1.VPmax	104.413263	52.884414	1.974	0.048
L1.VPact	-73.672213	62.748016	-1.174	0.240
L1.VPdef	-99.413779	52.919911	-1.879	0.060
L1.sh	-67.564468	74.347273	-0.909	0.363
L1.H2OC	12.655675	60.375306	0.210	0.834
L1.rho	-8.398264	12.516696	-0.671	0.502
L1.wv	0.038021	0.005465	6.958	0.000
L1.max. wv	0.481871	0.291407	1.654	0.098
L1.wd	-0.001216	0.004394	-0.277	0.782
L1.rain	52.982897	2.802313	18.907	0.000
L1.raining	-0.230768	0.004489	-51.409	0.000
L1.SWDR	0.056106	0.065361	0.858	0.391
L1.PAR	-0.041283	0.034219	-1.206	0.228
L1.max. PAR	-0.000847	0.000856	-0.990	0.322
L1.Tlog	-2.035841	4.337671	-0.469	0.639
L2.p	11.210866	16.798921	0.667	0.505
L2.T	31.840460	97.115155	0.328	0.743
L2.Tpot	-26.552135	80.881569	-0.328	0.743
L2.Tdew	-4.754356	5.371409	-0.885	0.376
L2.rh	2.259121	0.930264	2.428	0.015
L2.VPmax	-26.694927	70.730743	-0.377	0.706
L2.VPact	-40.159659	81.112722	-0.495	0.621
L2.VPdef	17.985100	70.799261	0.254	0.799
L2.sh	-0.946783	99.918583	-0.009	0.992
L2.H2OC	55.545821	77.010942	0.721	0.471
L2.rho	-3.325236	12.675128	-0.262	0.793
L2.wv	0.046644	0.007465	6.248	0.000
L2.max. wv	0.375929	0.317654	1.183	0.237
L2.wd	0.004240	0.005087	0.834	0.405
L2.rain	40.293211	2.994149	13.457	0.000
L2.raining	-0.238034	0.004689	-50.765	0.000
L2.SWDR	-0.072756	0.069108	-1.053	0.292
L2.PAR	0.031789	0.036096	0.881	0.378
L2.max. PAR	-0.000169	0.000990	-0.171	0.864
L2.Tlog	6.049437	5.930581	1.020	0.308
L3.p	-30.838995	17.317273	-1.781	0.075
L3.T	92.269546	105.174919	0.877	0.380
L3.Tpot	-19.383618	88.566537	-0.219	0.827
L3.Tdew	8.326876	5.381016	1.547	0.122
L3.rh	-1.386912	0.931873	-1.488	0.137
L3.VPmax	35.394524	82.293365	0.430	0.667
L3.VPact	-126.391512	92.322525	-1.369	0.171
L3.VPdef	-43.887395	82.359185	-0.533	0.594
L3.sh	-31.016372	116.170939	-0.267	0.789
L3.H2OC	108.961783	86.614602	1.258	0.208
L3.rho	16.413381	12.751520	1.287	0.198
L3.wv	0.051371	0.008808	5.833	0.000
L3.max. wv	0.289768	0.331101	0.875	0.381
L3.wd	0.002958	0.005478	0.540	0.589
L3.rain	25.516102	3.137682	8.132	0.000
L3.raining	-0.165512	0.004837	-34.217	0.000
L3.SWDR	-0.131666	0.070535	-1.867	0.062
L3.PAR	0.066512	0.036776	1.809	0.071
L3.max. PAR	0.000041	0.001084	0.038	0.969
L3.Tlog	-1.095596	6.034111	-0.182	0.856
L4.p	-3.736574	17.601601	-0.212	0.832
L4.T	124.296414	109.302477	1.137	0.255
L4.Tpot	-105.832621	92.415011	-1.145	0.252
L4.Tdew	-3.441048	5.387667	-0.639	0.523

L4.rh	1.640893	0.933397	1.758	0.079
L4.VPmax	90.210935	90.488213	0.997	0.319
L4.VPact	-156.026986	100.002546	-1.560	0.119
L4.VPdef	-87.604933	90.563031	-0.967	0.333
L4.sh	-13.056385	127.314293	-0.103	0.918
L4.H2OC	71.974850	92.884319	0.775	0.438
L4.rho	3.059696	12.806906	0.239	0.811
L4.wv	0.053692	0.009769	5.496	0.000
L4.max. wv	0.268374	0.339552	0.790	0.429
L4.wd	-0.010636	0.005736	-1.854	0.064
L4.rain	17.315523	3.247361	5.332	0.000
L4.raining	-0.157609	0.004905	-32.131	0.000
L4.SWDR	-0.039242	0.071331	-0.550	0.582
L4.PAR	0.014998	0.037144	0.404	0.686
L4.max. PAR	0.000126	0.001119	0.112	0.911
L4.Tlog	1.891915	6.037171	0.313	0.754
L5.p	-42.030991	17.739621	-2.369	0.018
L5.T	181.557048	111.176517	1.633	0.102
L5.Tpot	-71.392556	94.213371	-0.758	0.449
L5.Tdew	-0.621698	5.389834	-0.115	0.908
L5.rh	0.352322	0.933308	0.377	0.706
L5.VPmax	105.975025	96.227465	1.101	0.271
L5.VPact	-143.058588	105.295368	-1.359	0.174
L5.VPdef	-119.602196	96.296810	-1.242	0.214
L5.sh	-4.499774	135.076483	-0.033	0.973
L5.H2OC	35.418574	97.145438	0.365	0.715
L5.rho	22.797914	12.845074	1.775	0.076
L5.wv	0.055741	0.010456	5.331	0.000
L5.max. wv	0.370950	0.344567	1.077	0.282
L5.wd	-0.012689	0.005905	-2.149	0.032
L5.rain	19.935323	3.315050	6.014	0.000
L5.raining	-0.128596	0.004962	-25.918	0.000
L5.SWDR	-0.056877	0.071692	-0.793	0.428
L5.PAR	0.026185	0.037306	0.702	0.483
L5.max. PAR	-0.000104	0.001158	-0.090	0.928
L5.Tlog	-5.019088	6.042825	-0.831	0.406
L6.p	-26.942446	17.795662	-1.514	0.130
L6.T	125.299646	111.968883	1.119	0.263
L6.Tpot	-67.108964	94.952075	-0.707	0.480
L6.Tdew	11.721395	5.391715	2.174	0.030
L6.rh	-0.938610	0.933693	-1.005	0.315
L6.VPmax	143.239125	100.192495	1.430	0.153
L6.VPact	-252.579470	108.973955	-2.318	0.020
L6.VPdef	-147.482722	100.253644	-1.471	0.141
L6.sh	64.051614	140.406083	0.456	0.648
L6.H2OC	58.929282	100.187494	0.588	0.556
L6.rho	13.212413	12.865888	1.027	0.304
L6.wv	0.057048	0.010920	5.224	0.000
L6.max. wv	0.408416	0.347433	1.176	0.240
L6.wd	-0.008063	0.005994	-1.345	0.179
L6.rain	10.958486	3.378108	3.244	0.001
L6.raining	-0.103341	0.004999	-20.674	0.000
L6.SWDR	-0.080692	0.071940	-1.122	0.262
L6.PAR	0.040982	0.037409	1.096	0.273
L6.max. PAR	0.000295	0.001189	0.248	0.804
L6.Tlog	7.129870	6.074341	1.174	0.240
L7.p	-1.762692	17.820113	-0.099	0.921
L7.T	-44.854332	112.216265	-0.400	0.689
L7.Tpot	25.629621	95.165229	0.269	0.788
L7.Tdew	7.514172	5.389551	1.394	0.163
L7.rh	-0.301271	0.933246	-0.323	0.747
L7.VPmax	193.780412	102.359666	1.893	0.058
L7.VPact	-226.984381	111.067701	-2.044	0.041
L7.VPdef	-187.727223	102.397598	-1.833	0.067
L7.sh	55.739588	143.350242	0.389	0.697
L7.H2OC	-7.873383	101.998994	-0.077	0.938
L7.rho	-2.409601	12.882345	-0.187	0.852
L7.wv	0.058755	0.011191	5.250	0.000
L7.max. wv	-0.134959	0.349263	-0.386	0.699
L7.wd	-0.010250	0.006041	-1.697	0.090
L7.rain	24.588251	3.415254	7.200	0.000
L7.raining	-0.094110	0.005008	-18.791	0.000
L7.SWDR	-0.046566	0.072109	-0.646	0.518
L7.PAR	0.018992	0.037482	0.507	0.612
L7.max. PAR	0.000487	0.001206	0.404	0.686
L7.Tlog	-6.470396	6.077527	-1.065	0.287
L8.p	20.490621	17.829090	1.149	0.250
L8.T	-121.829518	112.232916	-1.086	0.278
L8.Tpot	40.120996	95.132702	0.422	0.673
L8.Tdew	-12.033485	5.385593	-2.234	0.025
L8.rh	0.049849	0.933131	0.053	0.957
L8.VPmax	149.624836	103.089296	1.451	0.147
L8.VPact	-98.353796	111.794429	-0.880	0.379
L8.VPdef	-143.588376	103.121828	-1.392	0.164
L9.p	126.072507	144.220206	0.042	0.245

L8.sh	-130.073507	144.223500	-0.343	0.343
L8.H2OC	48.337489	102.558925	0.471	0.637
L8.rho	-18.007488	12.896199	-1.396	0.163
L8.wv	0.059966	0.011281	5.316	0.000
L8.max. wv	-0.351717	0.349975	-1.005	0.315
L8.wd	-0.012240	0.006057	-2.021	0.043
L8.rain	16.986280	3.427132	4.956	0.000
L8.raining	-0.078372	0.005017	-15.622	0.000
L8.SWDR	-0.084350	0.072164	-1.169	0.242
L8.PAR	0.041631	0.037505	1.110	0.267
L8.max. PAR	0.000299	0.001214	0.247	0.805
L8.Tlog	9.421423	6.086730	1.548	0.122
L9.p	9.548652	17.816046	0.536	0.592
L9.T	-134.994416	112.112907	-1.204	0.229
L9.Tpot	91.205230	94.976021	0.960	0.337
L9.Tdew	11.395823	5.380133	2.118	0.034
L9.rh	-0.776413	0.932468	-0.833	0.405
L9.VPmax	98.397584	102.347670	0.961	0.336
L9.VPact	-94.890064	111.150445	-0.854	0.393
L9.VPdef	-89.155907	102.362692	-0.871	0.384
L9.sh	-103.589242	143.264268	-0.723	0.470
L9.H2OC	55.481682	102.135046	0.543	0.587
L9.rho	-7.216075	12.886462	-0.560	0.575
L9.wv	0.059105	0.011194	5.280	0.000
L9.max. wv	0.364027	0.349451	1.042	0.298
L9.wd	-0.005598	0.006045	-0.926	0.354
L9.rain	15.359911	3.414973	4.498	0.000
L9.raining	-0.088949	0.005004	-17.775	0.000
L9.SWDR	-0.085609	0.072154	-1.186	0.235
L9.PAR	0.041009	0.037504	1.093	0.274
L9.max. PAR	0.000145	0.001204	0.121	0.904
L9.Tlog	-7.571142	6.082764	-1.245	0.213
L10.p	10.778917	17.790597	0.606	0.545
L10.T	-105.978067	111.804344	-0.948	0.343
L10.Tpot	95.162023	94.622981	1.006	0.315
L10.Tdew	4.406117	5.376980	0.819	0.413
L10.rh	-0.189409	0.932393	-0.203	0.839
L10.VPmax	22.875399	100.146307	0.228	0.819
L10.VPact	-59.881985	109.193429	-0.548	0.583
L10.VPdef	-22.633219	100.152022	-0.226	0.821
L10.sh	-77.187136	140.189625	-0.551	0.582
L10.H2OC	80.466935	100.575908	0.800	0.424
L10.rho	-2.175636	12.869241	-0.169	0.866
L10.wv	0.060242	0.010925	5.514	0.000
L10.max. wv	-0.374850	0.348568	-1.075	0.282
L10.wd	-0.002761	0.006001	-0.460	0.645
L10.rain	17.702916	3.372014	5.250	0.000
L10.raining	-0.064152	0.004994	-12.846	0.000
L10.SWDR	0.032730	0.072106	0.454	0.650
L10.PAR	-0.024124	0.037489	-0.644	0.520
L10.max. PAR	0.000211	0.001187	0.178	0.859
L10.Tlog	1.378123	6.075046	0.227	0.821
L11.p	33.153403	17.722024	1.871	0.061
L11.T	-238.979280	110.898439	-2.155	0.031
L11.Tpot	141.886743	93.787240	1.513	0.130
L11.Tdew	4.893774	5.368161	0.912	0.362
L11.rh	-2.353770	0.931348	-2.527	0.011
L11.VPmax	90.988641	96.190253	0.946	0.344
L11.VPact	-29.873101	105.528082	-0.283	0.777
L11.VPdef	-81.043206	96.197662	-0.842	0.400
L11.sh	46.282285	134.749909	0.343	0.731
L11.H2OC	-83.157370	97.689399	-0.851	0.395
L11.rho	-18.146693	12.849167	-1.412	0.158
L11.wv	0.060352	0.010461	5.769	0.000
L11.max. wv	-0.341550	0.346580	-0.985	0.324
L11.wd	0.004552	0.005913	0.770	0.441
L11.rain	22.774541	3.309046	6.883	0.000
L11.raining	-0.064091	0.004955	-12.936	0.000
L11.SWDR	-0.013627	0.071845	-0.190	0.850
L11.PAR	0.004340	0.037361	0.116	0.908
L11.max. PAR	0.000328	0.001157	0.284	0.777
L11.Tlog	7.825051	6.046976	1.294	0.196
L12.p	8.270903	17.577422	0.471	0.638
L12.T	-110.667276	108.943033	-1.016	0.310
L12.Tpot	95.433993	91.983230	1.038	0.299
L12.Tdew	6.038375	5.363560	1.126	0.260
L12.rh	-2.158369	0.931135	-2.318	0.020
L12.VPmax	81.060455	90.416872	0.897	0.370
L12.VPact	-6.982556	100.287470	-0.070	0.944
L12.VPdef	-75.429867	90.456198	-0.834	0.404
L12.sh	81.194042	127.025855	0.639	0.523
L12.H2OC	-117.598145	93.355439	-1.260	0.208
L12.rho	-0.020412	12.810196	-0.002	0.999
L12.wv	0.061405	0.009773	6.283	0.000
L12.max. wv	-0.471640	0.342903	-1.375	0.169

L12.wd	0.001653	0.005746	0.288	0.774
L12.rain	16.772737	3.240449	5.176	0.000
L12.raining	-0.056120	0.004900	-11.454	0.000
L12.SWDR	0.035184	0.071492	0.492	0.623
L12.PAR	-0.021229	0.037190	-0.571	0.568
L12.max. PAR	0.000564	0.001119	0.503	0.615
L12.Tlog	-8.602221	6.034370	-1.426	0.154
L13.p	-3.011790	17.295951	-0.174	0.862
L13.T	-103.474108	104.853827	-0.987	0.324
L13.Tpot	117.970924	88.174122	1.338	0.181
L13.Tdew	6.104151	5.349481	1.141	0.254
L13.rh	-0.556032	0.929073	-0.598	0.550
L13.VPmax	60.386144	82.254031	0.734	0.463
L13.VPact	-11.427980	92.550932	-0.123	0.902
L13.VPdef	-64.969755	82.289258	-0.790	0.430
L13.sh	64.685594	115.916748	0.558	0.577
L13.H2OC	-97.421198	87.015690	-1.120	0.263
L13.rho	3.135436	12.756291	0.246	0.806
L13.wv	0.061386	0.008810	6.967	0.000
L13.max. wv	-0.026290	0.336472	-0.078	0.938
L13.wd	0.000389	0.005486	0.071	0.943
L13.rain	8.894366	3.130438	2.841	0.004
L13.raining	-0.047780	0.004825	-9.903	0.000
L13.SWDR	0.119208	0.070781	1.684	0.092
L13.PAR	-0.062280	0.036846	-1.690	0.091
L13.max. PAR	0.000750	0.001083	0.693	0.488
L13.Tlog	1.787399	6.027052	0.297	0.767
L14.p	-6.424060	16.764231	-0.383	0.702
L14.T	16.654322	96.825147	0.172	0.863
L14.Tpot	37.106041	80.635974	0.460	0.645
L14.Tdew	-11.441171	5.338514	-2.143	0.032
L14.rh	0.591745	0.927687	0.638	0.524
L14.VPmax	0.294517	70.720521	0.004	0.997
L14.VPact	-39.567885	81.215175	-0.487	0.626
L14.VPdef	-8.378941	70.779188	-0.118	0.906
L14.sh	171.386128	99.754482	1.718	0.086
L14.H2OC	-58.983075	77.247475	-0.764	0.445
L14.rho	10.335050	12.669221	0.816	0.415
L14.wv	0.062697	0.007466	8.398	0.000
L14.max. wv	-0.137713	0.325255	-0.423	0.672
L14.wd	0.002128	0.005095	0.418	0.676
L14.rain	4.434532	2.992632	1.482	0.138
L14.raining	-0.029027	0.004682	-6.200	0.000
L14.SWDR	0.028169	0.069339	0.406	0.685
L14.PAR	-0.014893	0.036149	-0.412	0.680
L14.max. PAR	0.000451	0.000990	0.456	0.648
L14.Tlog	4.105434	5.892453	0.697	0.486
L15.p	7.797808	15.689687	0.497	0.619
L15.T	-86.336088	80.954692	-1.066	0.286
L15.Tpot	-3.148950	64.880296	-0.049	0.961
L15.Tdew	6.697572	5.129086	1.306	0.192
L15.rh	-2.476107	0.871979	-2.840	0.005
L15.VPmax	-55.095284	52.892457	-1.042	0.298
L15.VPact	39.191724	62.781263	0.624	0.532
L15.VPdef	64.759179	52.957816	1.223	0.221
L15.sh	29.242671	74.313594	0.394	0.694
L15.H2OC	0.790472	60.456534	0.013	0.990
L15.rho	-16.402241	12.460781	-1.316	0.188
L15.wv	0.041371	0.005465	7.570	0.000
L15.max. wv	-0.390648	0.295967	-1.320	0.187
L15.wd	0.004827	0.004398	1.098	0.272
L15.rain	3.641452	2.809739	1.296	0.195
L15.raining	-0.033712	0.004496	-7.498	0.000
L15.SWDR	0.021618	0.066040	0.327	0.743
L15.PAR	-0.011735	0.034568	-0.339	0.734
L15.max. PAR	0.000589	0.000858	0.686	0.493
L15.Tlog	-4.562708	3.782757	-1.206	0.228

Results for equation SWDR

	coefficient	std. error	t-stat	prob
const	0.022026	0.239769	0.092	0.927
L1.p	31.212182	15.404323	2.026	0.043
L1.T	-49.192543	79.254056	-0.621	0.535
L1.Tpot	-121.919302	63.600966	-1.917	0.055
L1.Tdew	23.086614	5.059457	4.563	0.000
L1.rh	-5.331331	0.861819	-6.186	0.000
L1.VPmax	24.204409	51.707812	0.468	0.640
L1.VPact	6.231440	61.351962	0.102	0.919
L1.VPdef	-15.260997	51.742519	-0.295	0.768
L1.sh	-32.983135	72.693153	-0.454	0.650
L1.H2OC	-12.441534	59.032042	-0.211	0.833
L1.rho	-32.707267	12.238218	-2.673	0.008

L1.wv	0.001180	0.005343	0.221	0.825
L1.max. wv	0.380390	0.284924	1.335	0.182
L1.wd	0.001437	0.004297	0.334	0.738
L1.rain	-0.374467	2.739965	-0.137	0.891
L1.raining	-0.004745	0.004389	-1.081	0.280
L1.SWDR	-2.300844	0.063907	-36.003	0.000
L1.PAR	1.063655	0.033457	31.791	0.000
L1.max. PAR	0.012245	0.000837	14.625	0.000
L1.Tlog	9.675888	4.241164	2.281	0.023
L2.p	10.023268	16.425169	0.610	0.542
L2.T	91.767869	94.954482	0.966	0.334
L2.Tpot	-157.929025	79.082070	-1.997	0.046
L2.Tdew	-3.806647	5.251903	-0.725	0.469
L2.rh	1.394017	0.909567	1.533	0.125
L2.VPmax	46.420997	69.157086	0.671	0.502
L2.VPact	-42.772106	79.308080	-0.539	0.590
L2.VPdef	-39.372656	69.224079	-0.569	0.570
L2.sh	-122.780820	97.695538	-1.257	0.209
L2.H2OC	77.748244	75.297559	1.033	0.302
L2.rho	-17.110665	12.393124	-1.381	0.167
L2.wv	0.002205	0.007299	0.302	0.763
L2.max. wv	0.501892	0.310587	1.616	0.106
L2.wd	0.009229	0.004974	1.855	0.064
L2.rain	1.573602	2.927533	0.538	0.591
L2.raining	-0.000118	0.004585	-0.026	0.980
L2.SWDR	-0.898254	0.067571	-13.294	0.000
L2.PAR	0.347941	0.035293	9.859	0.000
L2.max. PAR	0.009083	0.000968	9.386	0.000
L2.Tlog	7.212099	5.798634	1.244	0.214
L3.p	21.803006	16.931988	1.288	0.198
L3.T	145.948200	102.834928	1.419	0.156
L3.Tpot	-315.001661	86.596059	-3.638	0.000
L3.Tdew	-5.894155	5.261296	-1.120	0.263
L3.rh	0.642681	0.911140	0.705	0.481
L3.VPmax	24.806323	80.462456	0.308	0.758
L3.VPact	-32.606619	90.268482	-0.361	0.718
L3.VPdef	-18.122856	80.526812	-0.225	0.822
L3.sh	-133.302941	113.586302	-1.174	0.241
L3.H2OC	87.300377	84.687551	1.031	0.303
L3.rho	-38.139672	12.467817	-3.059	0.002
L3.wv	0.002481	0.008612	0.288	0.773
L3.max. wv	0.621125	0.323734	1.919	0.055
L3.wd	-0.000624	0.005356	-0.117	0.907
L3.rain	2.288479	3.067873	0.746	0.456
L3.raining	0.001984	0.004729	0.419	0.675
L3.SWDR	-0.726627	0.068966	-10.536	0.000
L3.PAR	0.292575	0.035958	8.137	0.000
L3.max. PAR	0.009451	0.001060	8.916	0.000
L3.Tlog	-7.947494	5.899860	-1.347	0.178
L4.p	24.382174	17.209990	1.417	0.157
L4.T	210.986448	106.870653	1.974	0.048
L4.Tpot	-390.001827	90.358909	-4.316	0.000
L4.Tdew	-3.653954	5.267799	-0.694	0.488
L4.rh	-1.193276	0.912630	-1.308	0.191
L4.VPmax	53.015286	88.474980	0.599	0.549
L4.VPact	-175.176087	97.777633	-1.792	0.073
L4.VPdef	-35.559015	88.548133	-0.402	0.688
L4.sh	-108.950430	124.481733	-0.875	0.381
L4.H2OC	200.689820	90.817776	2.210	0.027
L4.rho	-37.158763	12.521970	-2.967	0.003
L4.wv	0.001832	0.009552	0.192	0.848
L4.max. wv	0.249107	0.331997	0.750	0.453
L4.wd	0.003386	0.005609	0.604	0.546
L4.rain	0.417218	3.175111	0.131	0.895
L4.raining	0.004961	0.004796	1.034	0.301
L4.SWDR	-0.773381	0.069744	-11.089	0.000
L4.PAR	0.376789	0.036318	10.375	0.000
L4.max. PAR	0.014363	0.001094	13.124	0.000
L4.Tlog	10.476978	5.902853	1.775	0.076
L5.p	1.568833	17.344940	0.090	0.928
L5.T	260.510889	108.702999	2.397	0.017
L5.Tpot	-318.072825	92.117258	-3.453	0.001
L5.Tdew	-14.953472	5.269918	-2.838	0.005
L5.rh	1.532933	0.912543	1.680	0.093
L5.VPmax	-4.858726	94.086542	-0.052	0.959
L5.VPact	-171.293188	102.952697	-1.664	0.096
L5.VPdef	6.865289	94.154344	0.073	0.942
L5.sh	-44.590700	132.071225	-0.338	0.736
L5.H2OC	208.862398	94.984092	2.199	0.028
L5.rho	-14.828026	12.559289	-1.181	0.238
L5.wv	0.000835	0.010223	0.082	0.935
L5.max. wv	1.104764	0.336901	3.279	0.001
L5.wd	0.001306	0.005774	0.226	0.821
L5.rain	-0.031276	3.241295	-0.010	0.992
L5.raining	0.003333	0.004851	0.687	0.492

L5.SWDR	-0.706600	0.070097	-10.080	0.000
L5.PAR	0.346464	0.036476	9.498	0.000
L5.max. PAR	0.015403	0.001132	13.610	0.000
L5.Tlog	-13.348310	5.908381	-2.259	0.024
L6.p	-8.617692	17.399734	-0.495	0.620
L6.T	294.073134	109.477736	2.686	0.007
L6.Tpot	-347.310944	92.839528	-3.741	0.000
L6.Tdew	5.911107	5.271757	1.121	0.262
L6.rh	-0.803252	0.912920	-0.880	0.379
L6.VPmax	72.647987	97.963356	0.742	0.458
L6.VPact	-147.227754	106.549441	-1.382	0.167
L6.VPdef	-68.617494	98.023145	-0.700	0.484
L6.sh	-112.359927	137.282249	-0.818	0.413
L6.H2OC	146.860310	97.958466	1.499	0.134
L6.rho	-10.810382	12.579641	-0.859	0.390
L6.wv	0.001480	0.010677	0.139	0.890
L6.max. wv	0.851421	0.339703	2.506	0.012
L6.wd	-0.002075	0.005861	-0.354	0.723
L6.rain	1.292522	3.302950	0.391	0.696
L6.raining	0.000219	0.004887	0.045	0.964
L6.SWDR	-0.772831	0.070339	-10.987	0.000
L6.PAR	0.389491	0.036577	10.649	0.000
L6.max. PAR	0.011935	0.001163	10.263	0.000
L6.Tlog	15.518762	5.939195	2.613	0.009
L7.p	2.628444	17.423641	0.151	0.880
L7.T	238.741561	109.719614	2.176	0.030
L7.Tpot	-335.361331	93.047940	-3.604	0.000
L7.Tdew	2.297043	5.269642	0.436	0.663
L7.rh	-0.631031	0.912483	-0.692	0.489
L7.VPmax	7.761791	100.082311	0.078	0.938
L7.VPact	-228.626369	108.596604	-2.105	0.035
L7.VPdef	-5.997717	100.119399	-0.060	0.952
L7.sh	-48.287062	140.160905	-0.345	0.730
L7.H2OC	240.034577	99.729663	2.407	0.016
L7.rho	-20.713303	12.595731	-1.644	0.100
L7.wv	0.003125	0.010942	0.286	0.775
L7.max. wv	0.828669	0.341493	2.427	0.015
L7.wd	-0.005412	0.005906	-0.916	0.360
L7.rain	-1.565972	3.339269	-0.469	0.639
L7.raining	0.005702	0.004897	1.164	0.244
L7.SWDR	-0.556299	0.070504	-7.890	0.000
L7.PAR	0.302018	0.036648	8.241	0.000
L7.max. PAR	0.010974	0.001179	9.308	0.000
L7.Tlog	-19.706009	5.942311	-3.316	0.001
L8.p	-30.737180	17.432418	-1.763	0.078
L8.T	309.634689	109.735895	2.822	0.005
L8.Tpot	-242.193029	93.016136	-2.604	0.009
L8.Tdew	5.633701	5.265771	1.070	0.285
L8.rh	-0.890283	0.912370	-0.976	0.329
L8.VPmax	-39.551775	100.795707	-0.392	0.695
L8.VPact	-145.058713	109.307163	-1.327	0.184
L8.VPdef	36.574058	100.827515	0.363	0.717
L8.sh	-62.207498	141.020411	-0.441	0.659
L8.H2OC	228.913712	100.277136	2.283	0.022
L8.rho	15.580997	12.609277	1.236	0.217
L8.wv	0.003373	0.011030	0.306	0.760
L8.max. wv	-0.141389	0.342188	-0.413	0.679
L8.wd	0.000739	0.005922	0.125	0.901
L8.rain	1.215585	3.350883	0.363	0.717
L8.raining	0.005448	0.004905	1.111	0.267
L8.SWDR	-0.469231	0.070559	-6.650	0.000
L8.PAR	0.251328	0.036670	6.854	0.000
L8.max. PAR	0.011155	0.001187	9.399	0.000
L8.Tlog	17.642503	5.951309	2.964	0.003
L9.p	-2.643635	17.419664	-0.152	0.879
L9.T	127.628688	109.618555	1.164	0.244
L9.Tpot	-165.333361	92.862941	-1.780	0.075
L9.Tdew	4.467565	5.260433	0.849	0.396
L9.rh	-1.155114	0.911722	-1.267	0.205
L9.VPmax	21.845521	100.070581	0.218	0.827
L9.VPact	-134.082022	108.677507	-1.234	0.217
L9.VPdef	-19.702834	100.085269	-0.197	0.844
L9.sh	-71.174699	140.076844	-0.508	0.611
L9.H2OC	158.470185	99.862688	1.587	0.113
L9.rho	-7.247508	12.599757	-0.575	0.565
L9.wv	0.002549	0.010945	0.233	0.816
L9.max. wv	0.601613	0.341676	1.761	0.078
L9.wd	0.004283	0.005910	0.725	0.469
L9.rain	-1.154357	3.338995	-0.346	0.730
L9.raining	0.003209	0.004893	0.656	0.512
L9.SWDR	-0.729187	0.070549	-10.336	0.000
L9.PAR	0.379072	0.036669	10.338	0.000
L9.max. PAR	0.014346	0.001177	12.188	0.000
L9.Tlog	0.784244	5.947431	0.132	0.895
L10.p	45.020107	17.304789	2.580	0.010

L10.p	-45.059107	17.534704	-2.509	0.010
L10.T	270.827797	109.316858	2.477	0.013
L10.Tpot	-127.984824	92.517755	-1.383	0.167
L10.Tdew	5.370345	5.257349	1.021	0.307
L10.rh	-0.195437	0.911649	-0.214	0.830
L10.VPmax	-2.385042	97.918195	-0.024	0.981
L10.VPact	-122.501843	106.764031	-1.147	0.251
L10.VPdef	-10.284035	97.923783	-0.105	0.916
L10.sh	44.106910	137.070607	0.322	0.748
L10.H2OC	95.136611	98.338238	0.967	0.333
L10.rho	31.090446	12.582919	2.471	0.013
L10.wv	0.002032	0.010682	0.190	0.849
L10.max. wv	1.255097	0.340813	3.683	0.000
L10.wd	0.002122	0.005868	0.362	0.718
L10.rain	0.639532	3.296991	0.194	0.846
L10.raining	0.000813	0.004883	0.167	0.868
L10.SWDR	-0.446446	0.070502	-6.332	0.000
L10.PAR	0.253367	0.036655	6.912	0.000
L10.max. PAR	0.013617	0.001160	11.734	0.000
L10.Tlog	7.440906	5.939885	1.253	0.210
L11.p	-22.537296	17.327734	-1.301	0.193
L11.T	242.936391	108.431108	2.240	0.025
L11.Tpot	-219.661620	91.700609	-2.395	0.017
L11.Tdew	-10.355568	5.248727	-1.973	0.048
L11.rh	-0.015915	0.910627	-0.017	0.986
L11.VPmax	8.008071	94.050158	0.085	0.932
L11.VPact	-134.220742	103.180234	-1.301	0.193
L11.VPdef	-3.088809	94.057402	-0.033	0.974
L11.sh	151.469438	131.751916	1.150	0.250
L11.H2OC	50.239942	95.515950	0.526	0.599
L11.rho	6.297799	12.563292	0.501	0.616
L11.wv	0.002457	0.010229	0.240	0.810
L11.max. wv	0.441669	0.338869	1.303	0.192
L11.wd	-0.003687	0.005782	-0.638	0.524
L11.rain	0.710186	3.235425	0.220	0.826
L11.raining	0.006318	0.004844	1.304	0.192
L11.SWDR	-0.443595	0.070247	-6.315	0.000
L11.PAR	0.239683	0.036529	6.561	0.000
L11.max. PAR	0.011051	0.001131	9.768	0.000
L11.Tlog	-30.186343	5.912439	-5.106	0.000
L12.p	-14.795336	17.186350	-0.861	0.389
L12.T	158.730707	106.519206	1.490	0.136
L12.Tpot	-147.097512	89.936735	-1.636	0.102
L12.Tdew	22.004483	5.244228	4.196	0.000
L12.rh	-2.787601	0.910418	-3.062	0.002
L12.VPmax	8.391844	88.405226	0.095	0.924
L12.VPact	23.659386	98.056217	0.241	0.809
L12.VPdef	-5.712696	88.443677	-0.065	0.948
L12.sh	35.510122	124.199712	0.286	0.775
L12.H2OC	-58.970131	91.278414	-0.646	0.518
L12.rho	6.812220	12.525188	0.544	0.587
L12.wv	0.000642	0.009556	0.067	0.946
L12.max. wv	0.798704	0.335274	2.382	0.017
L12.wd	-0.001978	0.005618	-0.352	0.725
L12.rain	1.190632	3.168353	0.376	0.707
L12.raining	0.003221	0.004791	0.672	0.501
L12.SWDR	-0.415031	0.069901	-5.937	0.000
L12.PAR	0.226137	0.036362	6.219	0.000
L12.max. PAR	0.007074	0.001094	6.463	0.000
L12.Tlog	25.704042	5.900114	4.357	0.000
L13.p	-16.907651	16.911141	-1.000	0.317
L13.T	136.487586	102.520980	1.331	0.183
L13.Tpot	-62.665445	86.212375	-0.727	0.467
L13.Tdew	-6.431097	5.230463	-1.230	0.219
L13.rh	0.494386	0.908403	0.544	0.586
L13.VPmax	-36.221423	80.423997	-0.450	0.652
L13.VPact	90.036866	90.491807	0.995	0.320
L13.VPdef	24.938019	80.458440	0.310	0.757
L13.sh	3.230004	113.337766	0.028	0.977
L13.H2OC	-56.877487	85.079716	-0.669	0.504
L13.rho	14.875964	12.472482	1.193	0.233
L13.wv	0.002303	0.008614	0.267	0.789
L13.max. wv	0.726875	0.328986	2.209	0.027
L13.wd	-0.002545	0.005364	-0.474	0.635
L13.rain	0.979246	3.060790	0.320	0.749
L13.raining	0.002262	0.004718	0.480	0.632
L13.SWDR	-0.400748	0.069207	-5.791	0.000
L13.PAR	0.221074	0.036026	6.137	0.000
L13.max. PAR	0.009913	0.001059	9.363	0.000
L13.Tlog	-12.830595	5.892959	-2.177	0.029
L14.p	-30.845651	16.391251	-1.882	0.060
L14.T	75.389748	94.670927	0.796	0.426
L14.Tpot	10.867720	78.841939	0.138	0.890
L14.Tdew	5.574958	5.219740	1.068	0.285
L14.rh	-1.667672	0.907048	-1.839	0.066

L14.VPmax	0.094737	69.147090	0.001	0.999
L14.VPact	82.020297	79.408254	1.033	0.302
L14.VPdef	-3.573411	69.204452	-0.052	0.959
L14.sh	-57.703436	97.535088	-0.592	0.554
L14.H2OC	-37.858142	75.528829	-0.501	0.616
L14.rho	22.057554	12.387349	1.781	0.075
L14.wv	0.002111	0.007300	0.289	0.772
L14.max. wv	0.459065	0.318018	1.444	0.149
L14.wd	-0.007379	0.004982	-1.481	0.139
L14.rain	2.197449	2.926051	0.751	0.453
L14.raining	0.004473	0.004578	0.977	0.329
L14.SWDR	-0.277931	0.067796	-4.100	0.000
L14.PAR	0.155453	0.035344	4.398	0.000
L14.max. PAR	0.006517	0.000968	6.735	0.000
L14.Tlog	10.349192	5.761354	1.796	0.072
L15.p	-42.277722	15.340614	-2.756	0.006
L15.T	107.122488	79.153566	1.353	0.176
L15.Tpot	67.186270	63.436803	1.059	0.290
L15.Tdew	-3.968003	5.014971	-0.791	0.429
L15.rh	0.842197	0.852579	0.988	0.323
L15.VPmax	21.746965	51.715675	0.421	0.674
L15.VPact	106.925193	61.384470	1.742	0.082
L15.VPdef	-43.304988	51.779581	-0.836	0.403
L15.sh	-38.143887	72.660224	-0.525	0.600
L15.H2OC	-105.789335	59.111463	-1.790	0.074
L15.rho	35.774642	12.183546	2.936	0.003
L15.wv	0.000945	0.005344	0.177	0.860
L15.max. wv	0.426524	0.289382	1.474	0.141
L15.wd	0.007341	0.004300	1.707	0.088
L15.rain	3.911140	2.747226	1.424	0.155
L15.raining	0.002793	0.004396	0.635	0.525
L15.SWDR	-0.149761	0.064570	-2.319	0.020
L15.PAR	0.079075	0.033799	2.340	0.019
L15.max. PAR	0.002611	0.000839	3.111	0.002
L15.Tlog	-11.353330	3.698596	-3.070	0.002

Results for equation PAR

	coefficient	std. error	t-stat	prob
const	0.042613	0.457373	0.093	0.926
L1.p	55.262184	29.384614	1.881	0.060
L1.T	-62.967602	151.181575	-0.417	0.677
L1.Tpot	-252.974292	121.322423	-2.085	0.037
L1.Tdew	44.657234	9.651198	4.627	0.000
L1.rh	-10.421933	1.643969	-6.339	0.000
L1.VPmax	52.034779	98.635563	0.528	0.598
L1.VPact	12.022854	117.032323	0.103	0.918
L1.VPdef	-35.723572	98.701768	-0.362	0.717
L1.sh	-45.197782	138.666283	-0.326	0.744
L1.H2OC	-39.055378	112.606944	-0.347	0.729
L1.rho	-60.049620	23.345089	-2.572	0.010
L1.wv	0.002503	0.010192	0.246	0.806
L1.max. wv	0.658326	0.543509	1.211	0.226
L1.wd	0.003158	0.008196	0.385	0.700
L1.rain	-0.882585	5.226638	-0.169	0.866
L1.raining	-0.008285	0.008372	-0.990	0.322
L1.SWDR	-3.842762	0.121906	-31.522	0.000
L1.PAR	1.740080	0.063822	27.265	0.000
L1.max. PAR	0.023749	0.001597	14.869	0.000
L1.Tlog	17.620578	8.090260	2.178	0.029
L2.p	14.837866	31.331934	0.474	0.636
L2.T	205.649887	181.131021	1.135	0.256
L2.Tpot	-319.051573	150.853502	-2.115	0.034
L2.Tdew	-7.409301	10.018300	-0.740	0.460
L2.rh	2.616820	1.735050	1.508	0.132
L2.VPmax	85.797880	131.921035	0.650	0.515
L2.VPact	-83.659263	151.284629	-0.553	0.580
L2.VPdef	-73.462171	132.048828	-0.556	0.578
L2.sh	-198.936444	186.359739	-1.067	0.286
L2.H2OC	131.822685	143.634333	0.918	0.359
L2.rho	-29.900554	23.640583	-1.265	0.206
L2.wv	0.004553	0.013923	0.327	0.744
L2.max. wv	1.037203	0.592461	1.751	0.080
L2.wd	0.016844	0.009489	1.775	0.076
L2.rain	3.529434	5.584435	0.632	0.527
L2.raining	0.000492	0.008745	0.056	0.955
L2.SWDR	-1.334561	0.128895	-10.354	0.000
L2.PAR	0.466756	0.067323	6.933	0.000
L2.max. PAR	0.017300	0.001846	9.372	0.000
L2.Tlog	14.545063	11.061221	1.315	0.189
L3.p	38.871531	32.298721	1.204	0.229
L3.T	296.680522	196.163415	1.512	0.130
L3.Tpot	-618.372828	165.186858	-3.743	0.000

L3.Tdew	-9.984847	10.036219	-0.995	0.320
L3.rh	1.032408	1.738051	0.594	0.553
L3.VPmax	44.848949	153.486665	0.292	0.770
L3.VPact	-54.802342	172.192211	-0.318	0.750
L3.VPdef	-32.581811	153.609427	-0.212	0.832
L3.sh	-227.132386	216.672266	-1.048	0.295
L3.H2OC	143.962293	161.546272	0.891	0.373
L3.rho	-72.444751	23.783063	-3.046	0.002
L3.wv	0.005262	0.016427	0.320	0.749
L3.max. wv	1.257415	0.617541	2.036	0.042
L3.wd	-0.000795	0.010216	-0.078	0.938
L3.rain	4.907580	5.852141	0.839	0.402
L3.raining	0.004116	0.009022	0.456	0.648
L3.SWDR	-1.119633	0.131557	-8.511	0.000
L3.PAR	0.418911	0.068592	6.107	0.000
L3.max. PAR	0.018379	0.002022	9.090	0.000
L3.Tlog	-15.737559	11.254316	-1.398	0.162
L4.p	44.658157	32.829026	1.360	0.174
L4.T	439.155553	203.861788	2.154	0.031
L4.Tpot	-780.706541	172.364707	-4.529	0.000
L4.Tdew	-8.232685	10.048624	-0.819	0.413
L4.rh	-1.986771	1.740894	-1.141	0.254
L4.VPmax	103.437236	168.771006	0.613	0.540
L4.VPact	-338.953380	186.516340	-1.817	0.069
L4.VPdef	-69.809424	168.910550	-0.413	0.679
L4.sh	-180.349819	237.455915	-0.760	0.448
L4.H2OC	368.126065	173.240021	2.125	0.034
L4.rho	-71.207924	23.886363	-2.981	0.003
L4.wv	0.004169	0.018221	0.229	0.819
L4.max. wv	0.490042	0.633304	0.774	0.439
L4.wd	0.005994	0.010699	0.560	0.575
L4.rain	1.383858	6.056704	0.228	0.819
L4.raining	0.010293	0.009149	1.125	0.261
L4.SWDR	-1.305430	0.133040	-9.812	0.000
L4.PAR	0.631547	0.069278	9.116	0.000
L4.max. PAR	0.028197	0.002088	13.507	0.000
L4.Tlog	18.679659	11.260024	1.659	0.097
L5.p	1.298803	33.086450	0.039	0.969
L5.T	528.917833	207.357090	2.551	0.011
L5.Tpot	-644.130479	175.718857	-3.666	0.000
L5.Tdew	-28.053988	10.052666	-2.791	0.005
L5.rh	2.962288	1.740727	1.702	0.089
L5.VPmax	-0.144549	179.475376	-0.001	0.999
L5.VPact	-333.221158	196.388067	-1.697	0.090
L5.VPdef	4.729427	179.604713	0.026	0.979
L5.sh	-58.951907	251.933297	-0.234	0.815
L5.H2OC	379.294796	181.187503	2.093	0.036
L5.rho	-29.518842	23.957551	-1.232	0.218
L5.wv	0.002338	0.019502	0.120	0.905
L5.max. wv	2.197490	0.642657	3.419	0.001
L5.wd	0.002119	0.011014	0.192	0.847
L5.rain	0.275395	6.182952	0.045	0.964
L5.raining	0.005912	0.009254	0.639	0.523
L5.SWDR	-1.204933	0.133714	-9.011	0.000
L5.PAR	0.588082	0.069581	8.452	0.000
L5.max. PAR	0.030283	0.002159	14.027	0.000
L5.Tlog	-23.553868	11.270569	-2.090	0.037
L6.p	-18.018184	33.190973	-0.543	0.587
L6.T	588.303555	208.834946	2.817	0.005
L6.Tpot	-691.639593	177.096626	-3.905	0.000
L6.Tdew	10.884708	10.056173	1.082	0.279
L6.rh	-1.588074	1.741446	-0.912	0.362
L6.VPmax	139.522404	186.870617	0.747	0.455
L6.VPact	-279.991133	203.249058	-1.378	0.168
L6.VPdef	-132.100509	186.984668	-0.706	0.480
L6.sh	-191.473253	261.873620	-0.731	0.465
L6.H2OC	264.741577	186.861290	1.417	0.157
L6.rho	-21.073015	23.996373	-0.878	0.380
L6.wv	0.003775	0.020367	0.185	0.853
L6.max. wv	1.672159	0.648003	2.580	0.010
L6.wd	-0.004203	0.011180	-0.376	0.707
L6.rain	2.752856	6.300563	0.437	0.662
L6.raining	0.000448	0.009323	0.048	0.962
L6.SWDR	-1.344512	0.134176	-10.020	0.000
L6.PAR	0.677958	0.069773	9.717	0.000
L6.max. PAR	0.022896	0.002218	10.321	0.000
L6.Tlog	28.866294	11.329350	2.548	0.011
L7.p	2.600052	33.236577	0.078	0.938
L7.T	479.949818	209.296341	2.293	0.022
L7.Tpot	-659.089379	177.494184	-3.713	0.000
L7.Tdew	4.334276	10.052138	0.431	0.666
L7.rh	-1.040165	1.740612	-0.598	0.550
L7.VPmax	3.811802	190.912643	0.020	0.984
L7.VPact	-418.628847	207.154137	-2.021	0.043
L7.VPdef	-0.133652	190.983390	-0.001	0.999

L7.sh	-66.798788	267.364817	-0.250	0.803
L7.H2OC	435.825934	190.239947	2.291	0.022
L7.rho	-38.362094	24.027067	-1.597	0.110
L7.wv	0.007111	0.020873	0.341	0.733
L7.max. wv	1.617951	0.651416	2.484	0.013
L7.wd	-0.010791	0.011266	-0.958	0.338
L7.rain	-2.608191	6.369844	-0.409	0.682
L7.raining	0.010924	0.009341	1.170	0.242
L7.SWDR	-0.973142	0.134491	-7.236	0.000
L7.PAR	0.533055	0.069909	7.625	0.000
L7.max. PAR	0.021409	0.002249	9.519	0.000
L7.Tlog	-36.135139	11.335293	-3.188	0.001
L8.p	-58.975300	33.253320	-1.774	0.076
L8.T	610.494519	209.327398	2.916	0.004
L8.Tpot	-487.736930	177.433516	-2.749	0.006
L8.Tdew	11.377108	10.044755	1.133	0.257
L8.rh	-1.851584	1.740398	-1.064	0.287
L8.VPmax	-72.953481	192.273486	-0.379	0.704
L8.VPact	-261.253292	208.509568	-1.253	0.210
L8.VPdef	68.240308	192.334163	0.355	0.723
L8.sh	-103.357224	269.004374	-0.384	0.701
L8.H2OC	410.000038	191.284284	2.143	0.032
L8.rho	28.584866	24.052906	1.188	0.235
L8.wv	0.007544	0.021041	0.359	0.720
L8.max. wv	-0.160423	0.652744	-0.246	0.806
L8.wd	0.001177	0.011297	0.104	0.917
L8.rain	2.761086	6.391998	0.432	0.666
L8.raining	0.010472	0.009357	1.119	0.263
L8.SWDR	-0.825695	0.134595	-6.135	0.000
L8.PAR	0.444691	0.069951	6.357	0.000
L8.max. PAR	0.021985	0.002264	9.711	0.000
L8.Tlog	31.205500	11.352458	2.749	0.006
L9.p	-6.332680	33.228990	-0.191	0.849
L9.T	275.769753	209.103566	1.319	0.187
L9.Tpot	-352.381454	177.141288	-1.989	0.047
L9.Tdew	9.397044	10.034572	0.936	0.349
L9.rh	-2.330175	1.739161	-1.340	0.180
L9.VPmax	55.181732	190.890268	0.289	0.773
L9.VPact	-246.454542	207.308464	-1.189	0.235
L9.VPdef	-50.131183	190.918285	-0.263	0.793
L9.sh	-127.572486	267.204467	-0.477	0.633
L9.H2OC	274.748799	190.493700	1.442	0.149
L9.rho	-14.544985	24.034746	-0.605	0.545
L9.wv	0.005908	0.020878	0.283	0.777
L9.max. wv	1.237769	0.651766	1.899	0.058
L9.wd	0.007002	0.011274	0.621	0.535
L9.rain	-1.934772	6.369321	-0.304	0.761
L9.raining	0.006361	0.009333	0.682	0.496
L9.SWDR	-1.303988	0.134576	-9.690	0.000
L9.PAR	0.679322	0.069949	9.712	0.000
L9.max. PAR	0.027997	0.002245	12.469	0.000
L9.Tlog	3.924394	11.345060	0.346	0.729
L10.p	-91.541053	33.181525	-2.759	0.006
L10.T	549.015468	208.528062	2.633	0.008
L10.Tpot	-266.843198	176.482827	-1.512	0.131
L10.Tdew	11.480250	10.028690	1.145	0.252
L10.rh	-0.558128	1.739022	-0.321	0.748
L10.VPmax	1.986926	186.784471	0.011	0.992
L10.VPact	-234.637801	203.658401	-1.152	0.249
L10.VPdef	-26.192083	186.795130	-0.140	0.888
L10.sh	84.946784	261.469901	0.325	0.745
L10.H2OC	175.931090	187.585727	0.938	0.348
L10.rho	61.741101	24.002626	2.572	0.010
L10.wv	0.005033	0.020376	0.247	0.805
L10.max. wv	2.442523	0.650119	3.757	0.000
L10.wd	0.002555	0.011193	0.228	0.819
L10.rain	1.661754	6.289196	0.264	0.792
L10.raining	0.002119	0.009314	0.227	0.820
L10.SWDR	-0.818449	0.134486	-6.086	0.000
L10.PAR	0.468634	0.069922	6.702	0.000
L10.max. PAR	0.026653	0.002214	12.040	0.000
L10.Tlog	14.752031	11.330666	1.302	0.193
L11.p	-42.192200	33.053629	-1.276	0.202
L11.T	481.088644	206.838444	2.326	0.020
L11.Tpot	-445.044022	174.924074	-2.544	0.011
L11.Tdew	-21.707378	10.012242	-2.168	0.030
L11.rh	0.006891	1.737072	0.004	0.997
L11.VPmax	18.276983	179.405972	0.102	0.919
L11.VPact	-239.616409	196.822105	-1.217	0.223
L11.VPdef	-8.584438	179.419790	-0.048	0.962
L11.sh	289.016603	251.324199	1.150	0.250
L11.H2OC	78.317421	182.202053	0.430	0.667
L11.rho	10.060805	23.965187	0.420	0.675
L11.wv	0.005918	0.019512	0.303	0.762
L11.max. wv	0.010077	0.644111	1.400	0.150

L11.max. wv	0.910977	0.040411	1.409	0.139
L11.wd	-0.008848	0.011029	-0.802	0.422
L11.rain	1.178103	6.171755	0.191	0.849
L11.raining	0.013100	0.009241	1.418	0.156
L11.SWDR	-0.810824	0.133999	-6.051	0.000
L11.PAR	0.440365	0.069682	6.320	0.000
L11.max. PAR	0.021484	0.002158	9.955	0.000
L11.Tlog	-58.218254	11.278311	-5.162	0.000
L12.p	-33.390714	32.783930	-1.019	0.308
L12.T	332.054476	203.191384	1.634	0.102
L12.Tpot	-299.598651	171.559386	-1.746	0.081
L12.Tdew	43.745589	10.003661	4.373	0.000
L12.rh	-5.367359	1.736674	-3.091	0.002
L12.VPmax	25.208831	168.637946	0.149	0.881
L12.VPact	66.870021	187.047755	0.358	0.721
L12.VPdef	-20.946882	168.711293	-0.124	0.901
L12.sh	68.992257	236.917944	0.291	0.771
L12.H2OC	-145.595962	174.118715	-0.836	0.403
L12.rho	15.411687	23.892501	0.645	0.519
L12.wv	0.002229	0.018229	0.122	0.903
L12.max. wv	1.616193	0.639554	2.527	0.012
L12.wd	-0.004585	0.010716	-0.428	0.669
L12.rain	2.065896	6.043812	0.342	0.732
L12.raining	0.007022	0.009139	0.768	0.442
L12.SWDR	-0.779560	0.133340	-5.846	0.000
L12.PAR	0.426936	0.069363	6.155	0.000
L12.max. PAR	0.013880	0.002088	6.648	0.000
L12.Tlog	49.956097	11.254800	4.439	0.000
L13.p	-30.801690	32.258954	-0.955	0.340
L13.T	256.309377	195.564541	1.311	0.190
L13.Tpot	-120.964802	164.454959	-0.736	0.462
L13.Tdew	-13.850085	9.977402	-1.388	0.165
L13.rh	1.143571	1.732829	0.660	0.509
L13.VPmax	-52.934215	153.413302	-0.345	0.730
L13.VPact	187.384819	172.618217	1.086	0.278
L13.VPdef	31.283133	153.479005	0.204	0.838
L13.sh	6.451579	216.198171	0.030	0.976
L13.H2OC	-140.424124	162.294349	-0.865	0.387
L13.rho	26.863620	23.791961	1.129	0.259
L13.wv	0.005388	0.016433	0.328	0.743
L13.max. wv	1.456525	0.627559	2.321	0.020
L13.wd	-0.005492	0.010233	-0.537	0.591
L13.rain	1.653334	5.838629	0.283	0.777
L13.raining	0.005304	0.008999	0.589	0.556
L13.SWDR	-0.745395	0.132015	-5.646	0.000
L13.PAR	0.413485	0.068722	6.017	0.000
L13.max. PAR	0.019180	0.002020	9.496	0.000
L13.Tlog	-25.742638	11.241151	-2.290	0.022
L14.p	-59.738820	31.267235	-1.911	0.056
L14.T	154.167848	180.590123	0.854	0.393
L14.Tpot	10.048449	150.395438	0.067	0.947
L14.Tdew	11.451658	9.956948	1.150	0.250
L14.rh	-3.146503	1.730244	-1.819	0.069
L14.VPmax	10.904412	131.901968	0.083	0.934
L14.VPact	170.271664	151.475716	1.124	0.261
L14.VPdef	-17.772072	132.011389	-0.135	0.893
L14.sh	-110.696939	186.053671	-0.595	0.552
L14.H2OC	-97.157380	144.075494	-0.674	0.500
L14.rho	41.913664	23.629566	1.774	0.076
L14.wv	0.004743	0.013924	0.341	0.733
L14.max. wv	0.953134	0.606638	1.571	0.116
L14.wd	-0.013653	0.009504	-1.437	0.151
L14.rain	3.943496	5.581606	0.707	0.480
L14.raining	0.008562	0.008732	0.981	0.327
L14.SWDR	-0.554589	0.129325	-4.288	0.000
L14.PAR	0.310263	0.067421	4.602	0.000
L14.max. PAR	0.012768	0.001846	6.918	0.000
L14.Tlog	22.380078	10.990108	2.036	0.042
L15.p	-80.033769	29.263084	-2.735	0.006
L15.T	208.767350	150.989884	1.383	0.167
L15.Tpot	118.412861	121.009273	0.979	0.328
L15.Tdew	-7.823496	9.566340	-0.818	0.413
L15.rh	1.568948	1.626342	0.965	0.335
L15.VPmax	48.565403	98.650562	0.492	0.623
L15.VPact	207.918453	117.094332	1.776	0.076
L15.VPdef	-89.857929	98.772466	-0.910	0.363
L15.sh	-68.735256	138.603468	-0.496	0.620
L15.H2OC	-215.421428	112.758443	-1.910	0.056
L15.rho	67.064299	23.240800	2.886	0.004
L15.wv	0.002243	0.010194	0.220	0.826
L15.max. wv	0.856806	0.552013	1.552	0.121
L15.wd	0.014106	0.008202	1.720	0.085
L15.rain	7.045445	5.240489	1.344	0.179
L15.raining	0.005487	0.008386	0.654	0.513
L15.SWDR	-0.277018	0.123171	-2.249	0.025

L15.PAR	0.147360	0.064474	2.286	0.022
L15.max. PAR	0.004986	0.001601	3.115	0.002
L15.Tlog	-23.028520	7.055281	-3.264	0.001

Results for equation max. PAR

	coefficient	std. error	t-stat	prob
const	0.064349	1.283618	0.050	0.960
L1.p	-72.907492	82.467989	-0.884	0.377
L1.T	51.935545	424.291441	0.122	0.903
L1.Tpot	170.367269	340.491663	0.500	0.617
L1.Tdew	101.463390	27.086110	3.746	0.000
L1.rh	-13.505392	4.613802	-2.927	0.003
L1.VPmax	-53.139609	276.820935	-0.192	0.848
L1.VPact	-796.647017	328.451486	-2.425	0.015
L1.VPdef	43.966251	277.006742	0.159	0.874
L1.sh	785.009311	389.167244	2.017	0.044
L1.H2OC	311.453726	316.031650	0.986	0.324
L1.rho	60.325763	65.518047	0.921	0.357
L1.wv	-0.000611	0.028604	-0.021	0.983
L1.max. wv	2.818117	1.525358	1.848	0.065
L1.wd	-0.010935	0.023003	-0.475	0.635
L1.rain	1.680758	14.668572	0.115	0.909
L1.raining	0.010163	0.023497	0.433	0.665
L1.SWDR	-2.003146	0.342129	-5.855	0.000
L1.PAR	1.343845	0.179117	7.503	0.000
L1.max. PAR	-0.563937	0.004482	-125.810	0.000
L1.Tlog	-15.246147	22.705333	-0.671	0.502
L2.p	44.556592	87.933147	0.507	0.612
L2.T	-124.332984	508.344630	-0.245	0.807
L2.Tpot	122.397012	423.370703	0.289	0.773
L2.Tdew	42.037225	28.116382	1.495	0.135
L2.rh	-4.294605	4.869421	-0.882	0.378
L2.VPmax	-285.978139	370.236690	-0.772	0.440
L2.VPact	-860.342151	424.580661	-2.026	0.043
L2.VPdef	265.089818	370.595342	0.715	0.474
L2.sh	537.352144	523.019040	1.027	0.304
L2.H2OC	758.401190	403.110090	1.881	0.060
L2.rho	-0.287747	66.347350	-0.004	0.997
L2.wv	-0.000575	0.039075	-0.015	0.988
L2.max. wv	3.099941	1.662744	1.864	0.062
L2.wd	0.000660	0.026629	0.025	0.980
L2.rain	8.680037	15.672730	0.554	0.580
L2.raining	-0.006972	0.024544	-0.284	0.776
L2.SWDR	-0.394640	0.361745	-1.091	0.275
L2.PAR	0.532495	0.188942	2.818	0.005
L2.max. PAR	-0.515186	0.005181	-99.446	0.000
L2.Tlog	5.482624	31.043342	0.177	0.860
L3.p	53.067791	90.646435	0.585	0.558
L3.T	-33.362477	550.533079	-0.061	0.952
L3.Tpot	-138.124437	463.597299	-0.298	0.766
L3.Tdew	-59.081850	28.166672	-2.098	0.036
L3.rh	4.730990	4.877844	0.970	0.332
L3.VPmax	-15.089938	430.760682	-0.035	0.972
L3.VPact	-880.712206	483.257841	-1.822	0.068
L3.VPdef	26.470935	431.105214	0.061	0.951
L3.sh	315.351551	608.091219	0.519	0.604
L3.H2OC	710.142701	453.379988	1.566	0.117
L3.rho	-44.467206	66.747222	-0.666	0.505
L3.wv	0.002848	0.046103	0.062	0.951
L3.max. wv	0.461917	1.733130	0.267	0.790
L3.wd	-0.024461	0.028672	-0.853	0.394
L3.rain	9.472578	16.424046	0.577	0.564
L3.raining	0.023959	0.025319	0.946	0.344
L3.SWDR	-0.081143	0.369214	-0.220	0.826
L3.PAR	0.392394	0.192503	2.038	0.042
L3.max. PAR	-0.338102	0.005675	-59.581	0.000
L3.Tlog	-10.304809	31.585264	-0.326	0.744
L4.p	88.031869	92.134737	0.955	0.339
L4.T	-201.408157	572.138582	-0.352	0.725
L4.Tpot	-42.208744	483.741952	-0.087	0.930
L4.Tdew	9.365837	28.201487	0.332	0.740
L4.rh	-1.516675	4.885822	-0.310	0.756
L4.VPmax	148.941998	473.656221	0.314	0.753
L4.VPact	-995.327065	523.458542	-1.901	0.057
L4.VPdef	-132.988838	474.047850	-0.281	0.779
L4.sh	-483.087619	666.420576	-0.725	0.469
L4.H2OC	1144.819703	486.198520	2.355	0.019
L4.rho	-51.059484	67.037134	-0.762	0.446
L4.wv	0.000903	0.051137	0.018	0.986
L4.max. wv	2.171006	1.777368	1.221	0.222
L4.wd	0.013970	0.030026	0.465	0.642
L4.rain	-2.495624	16.998153	-0.147	0.883

L4.raining	0.020945	0.025676	0.816	0.415
L4.SWDR	-0.545757	0.373377	-1.462	0.144
L4.PAR	0.661606	0.194429	3.403	0.001
L4.max. PAR	-0.361628	0.005859	-61.725	0.000
L4.Tlog	14.149262	31.601283	0.448	0.654
L5.p	82.639865	92.857198	0.890	0.373
L5.T	-101.516936	581.948155	-0.174	0.862
L5.Tpot	-303.566624	493.155380	-0.616	0.538
L5.Tdew	-16.860280	28.212830	-0.598	0.550
L5.rh	-0.715065	4.885354	-0.146	0.884
L5.VPmax	426.751085	503.698059	0.847	0.397
L5.VPact	-919.280664	551.163565	-1.668	0.095
L5.VPdef	-371.385812	504.061043	-0.737	0.461
L5.sh	-881.565723	707.051384	-1.247	0.212
L5.H2OC	1077.266854	508.503148	2.119	0.034
L5.rho	-81.734113	67.236923	-1.216	0.224
L5.wv	0.001468	0.054731	0.027	0.979
L5.max. wv	0.227049	1.803619	0.126	0.900
L5.wd	0.006310	0.030910	0.204	0.838
L5.rain	1.447186	17.352470	0.083	0.934
L5.raining	0.012435	0.025971	0.479	0.632
L5.SWDR	1.002636	0.375268	2.672	0.008
L5.PAR	-0.185948	0.195279	-0.952	0.341
L5.max. PAR	-0.344694	0.006059	-56.889	0.000
L5.Tlog	-10.713745	31.630877	-0.339	0.735
L6.p	-8.401030	93.150543	-0.090	0.928
L6.T	407.123933	586.095760	0.695	0.487
L6.Tpot	-428.468006	497.022093	-0.862	0.389
L6.Tdew	28.449989	28.222674	1.008	0.313
L6.rh	-2.810189	4.887373	-0.575	0.565
L6.VPmax	421.933260	524.452822	0.805	0.421
L6.VPact	-289.141861	570.418954	-0.507	0.612
L6.VPdef	-425.626775	524.772904	-0.811	0.417
L6.sh	-1169.163813	734.948921	-1.591	0.112
L6.H2OC	595.679052	524.426644	1.136	0.256
L6.rho	-3.876915	67.345875	-0.058	0.954
L6.wv	0.002157	0.057161	0.038	0.970
L6.max. wv	2.139265	1.818622	1.176	0.239
L6.wd	0.008363	0.031377	0.267	0.790
L6.rain	1.926310	17.682544	0.109	0.913
L6.raining	0.009603	0.026165	0.367	0.714
L6.SWDR	-0.180420	0.376566	-0.479	0.632
L6.PAR	0.497266	0.195817	2.539	0.011
L6.max. PAR	-0.309956	0.006226	-49.786	0.000
L6.Tlog	47.901400	31.795846	1.507	0.132
L7.p	-7.060027	93.278530	-0.076	0.940
L7.T	374.615811	587.390668	0.638	0.524
L7.Tpot	-439.075818	498.137839	-0.881	0.378
L7.Tdew	4.878548	28.211349	0.173	0.863
L7.rh	-8.374335	4.885031	-1.714	0.086
L7.VPmax	272.843314	535.796775	0.509	0.611
L7.VPact	184.385102	581.378566	0.317	0.751
L7.VPdef	-280.551938	535.995328	-0.523	0.601
L7.sh	-1472.024108	750.359981	-1.962	0.050
L7.H2OC	512.492714	533.908852	0.960	0.337
L7.rho	-6.470956	67.432018	-0.096	0.924
L7.wv	0.006122	0.058579	0.105	0.917
L7.max. wv	2.290811	1.828202	1.253	0.210
L7.wd	0.000339	0.031619	0.011	0.991
L7.rain	-0.036459	17.876983	-0.002	0.998
L7.raining	0.006606	0.026215	0.252	0.801
L7.SWDR	-0.131756	0.377450	-0.349	0.727
L7.PAR	0.440223	0.196199	2.244	0.025
L7.max. PAR	-0.262979	0.006312	-41.663	0.000
L7.Tlog	-26.347391	31.812526	-0.828	0.408
L8.p	-77.138209	93.325519	-0.827	0.408
L8.T	598.771553	587.477830	1.019	0.308
L8.Tpot	-298.605809	497.967574	-0.600	0.549
L8.Tdew	-9.353216	28.190628	-0.332	0.740
L8.rh	5.486179	4.884430	1.123	0.261
L8.VPmax	89.554160	539.615986	0.166	0.868
L8.VPact	250.681724	585.182587	0.428	0.668
L8.VPdef	-123.406612	539.786274	-0.229	0.819
L8.sh	-1400.786804	754.961401	-1.855	0.064
L8.H2OC	513.528102	536.839787	0.957	0.339
L8.rho	57.736865	67.504537	0.855	0.392
L8.wv	0.009084	0.059051	0.154	0.878
L8.max. wv	1.699228	1.831927	0.928	0.354
L8.wd	-0.023642	0.031705	-0.746	0.456
L8.rain	7.124409	17.939157	0.397	0.691
L8.raining	0.025895	0.026259	0.986	0.324
L8.SWDR	-1.518212	0.377741	-4.019	0.000
L8.PAR	1.180534	0.196317	6.013	0.000
L8.max. PAR	-0.197331	0.006354	-31.056	0.000
L8.Tlog	-1.450477	31.860699	-0.046	0.964

L9.p	-45.730004	93.257238	-0.490	0.624
L9.T	485.288918	586.849644	0.827	0.408
L9.Tpot	-554.398744	497.147437	-1.115	0.265
L9.Tdew	29.919668	28.162049	1.062	0.288
L9.rh	-12.801201	4.880959	-2.623	0.009
L9.VPmax	-1039.179478	535.733979	-1.940	0.052
L9.VPact	751.602699	581.811685	1.292	0.196
L9.VPdef	1038.942860	535.812611	1.939	0.053
L9.sh	-1438.381227	749.909956	-1.918	0.055
L9.H2OC	1239.128008	534.621012	2.318	0.020
L9.rho	-1.989067	67.453570	-0.029	0.976
L9.wv	0.003799	0.058593	0.065	0.948
L9.max. wv	2.078053	1.829183	1.136	0.256
L9.wd	-0.054201	0.031640	-1.713	0.087
L9.rain	-8.066268	17.875514	-0.451	0.652
L9.raining	0.008346	0.026194	0.319	0.750
L9.SWDR	-0.821380	0.377689	-2.175	0.030
L9.PAR	0.721396	0.196311	3.675	0.000
L9.max. PAR	-0.208170	0.006302	-33.035	0.000
L9.Tlog	12.324128	31.839937	0.387	0.699
L10.p	-55.564110	93.124027	-0.597	0.551
L10.T	860.601174	585.234490	1.471	0.141
L10.Tpot	-873.954053	495.299464	-1.764	0.078
L10.Tdew	47.406654	28.145542	1.684	0.092
L10.rh	-3.784443	4.880568	-0.775	0.438
L10.VPmax	-870.026040	524.211051	-1.660	0.097
L10.VPact	672.137388	571.567776	1.176	0.240
L10.VPdef	885.408124	524.240967	1.689	0.091
L10.sh	-1715.456658	733.815885	-2.338	0.019
L10.H2OC	1253.416629	526.459778	2.381	0.017
L10.rho	4.684680	67.363426	0.070	0.945
L10.wv	0.001211	0.057186	0.021	0.983
L10.max. wv	4.419630	1.824561	2.422	0.015
L10.wd	-0.013900	0.031413	-0.442	0.658
L10.rain	0.244935	17.650644	0.014	0.989
L10.raining	-0.001157	0.026141	-0.044	0.965
L10.SWDR	-0.704662	0.377435	-1.867	0.062
L10.PAR	0.675145	0.196236	3.440	0.001
L10.max. PAR	-0.167573	0.006213	-26.973	0.000
L10.Tlog	40.976253	31.799540	1.289	0.198
L11.p	-33.022056	92.765086	-0.356	0.722
L11.T	416.953453	580.492574	0.718	0.473
L11.Tpot	-494.694670	490.924820	-1.008	0.314
L11.Tdew	-56.692094	28.099380	-2.018	0.044
L11.rh	-2.694114	4.875096	-0.553	0.581
L11.VPmax	-782.394407	503.503277	-1.554	0.120
L11.VPact	960.869427	552.381695	1.740	0.082
L11.VPdef	803.137868	503.542058	1.595	0.111
L11.sh	-1514.817454	705.341947	-2.148	0.032
L11.H2OC	879.931631	511.350485	1.721	0.085
L11.rho	-9.814376	67.258352	-0.146	0.884
L11.wv	0.003474	0.054760	0.063	0.949
L11.max. wv	-0.480015	1.814155	-0.265	0.791
L11.wd	-0.038169	0.030953	-1.233	0.218
L11.rain	-7.027961	17.321045	-0.406	0.685
L11.raining	0.017207	0.025934	0.663	0.507
L11.SWDR	-0.009195	0.376070	-0.024	0.980
L11.PAR	0.276498	0.195563	1.414	0.157
L11.max. PAR	-0.155595	0.006057	-25.689	0.000
L11.Tlog	-32.131162	31.652607	-1.015	0.310
L12.p	65.214313	92.008176	0.709	0.478
L12.T	1.033918	570.257090	0.002	0.999
L12.Tpot	-154.344414	481.481814	-0.321	0.749
L12.Tdew	0.281342	28.075298	0.010	0.992
L12.rh	3.934247	4.873979	0.807	0.420
L12.VPmax	-351.109577	473.282787	-0.742	0.458
L12.VPact	440.863733	524.949960	0.840	0.401
L12.VPdef	372.308806	473.488637	0.786	0.432
L12.sh	-1835.998385	664.910759	-2.761	0.006
L12.H2OC	1047.222951	488.664577	2.143	0.032
L12.rho	-34.764069	67.054359	-0.518	0.604
L12.wv	0.000604	0.051159	0.012	0.991
L12.max. wv	0.292587	1.794910	0.163	0.871
L12.wd	-0.031468	0.030075	-1.046	0.295
L12.rain	7.365623	16.961973	0.434	0.664
L12.raining	0.000244	0.025647	0.010	0.992
L12.SWDR	0.008351	0.374219	0.022	0.982
L12.PAR	0.213480	0.194667	1.097	0.273
L12.max. PAR	-0.125212	0.005859	-21.370	0.000
L12.Tlog	-15.202816	31.586623	-0.481	0.630
L13.p	-15.969112	90.534828	-0.176	0.860
L13.T	-91.822018	548.852339	-0.167	0.867
L13.Tpot	88.463844	461.543223	0.192	0.848
L13.Tdew	11.954238	28.001602	0.427	0.669

L13.rn	0.088900	4.865189	0.018	0.985
L13.VPmax	-392.171036	430.554789	-0.911	0.362
L13.VPact	578.286417	484.453426	1.194	0.233
L13.VPdef	363.333497	430.739184	0.844	0.399
L13.sh	-1165.922534	606.760668	-1.922	0.055
L13.H2OC	498.542742	455.479466	1.095	0.274
L13.rho	-0.765968	66.772193	-0.011	0.991
L13.wv	0.002170	0.046118	0.047	0.962
L13.max. wv	3.484475	1.761247	1.978	0.048
L13.wd	-0.029772	0.028718	-1.037	0.300
L13.rain	-1.321869	16.386127	-0.081	0.936
L13.raining	0.011322	0.025256	0.448	0.654
L13.SWDR	0.053049	0.370501	0.143	0.886
L13.PAR	0.143367	0.192867	0.743	0.457
L13.max. PAR	-0.096950	0.005668	-17.104	0.000
L13.Tlog	61.544995	31.548316	1.951	0.051
L14.p	2.133367	87.751567	0.024	0.981
L14.T	267.935996	506.826600	0.529	0.597
L14.Tpot	-385.441734	422.085145	-0.913	0.361
L14.Tdew	0.658401	27.944196	0.024	0.981
L14.rh	-2.563761	4.855935	-0.528	0.598
L14.VPmax	350.725564	370.183180	0.947	0.343
L14.VPact	-305.647557	425.116948	-0.719	0.472
L14.VPdef	-308.147556	370.490270	-0.832	0.406
L14.sh	-1078.929613	522.160061	-2.066	0.039
L14.H2OC	681.254059	404.348209	1.685	0.092
L14.rho	-16.102573	66.316433	-0.243	0.808
L14.wv	0.003816	0.039079	0.098	0.922
L14.max. wv	1.376092	1.702530	0.808	0.419
L14.wd	-0.021890	0.026672	-0.821	0.412
L14.rain	-2.754163	15.664791	-0.176	0.860
L14.raining	0.011190	0.024507	0.457	0.648
L14.SWDR	-1.473655	0.362952	-4.060	0.000
L14.PAR	0.914450	0.189218	4.833	0.000
L14.max. PAR	-0.056290	0.005180	-10.867	0.000
L14.Tlog	-18.286948	30.843764	-0.593	0.553
L15.p	-110.284538	82.126913	-1.343	0.179
L15.T	371.583911	423.753461	0.877	0.381
L15.Tpot	-17.252634	339.612805	-0.051	0.959
L15.Tdew	-19.172238	26.847956	-0.714	0.475
L15.rh	5.285381	4.564333	1.158	0.247
L15.VPmax	513.499024	276.863032	1.855	0.064
L15.VPact	-490.882014	328.625516	-1.494	0.135
L15.VPdef	-544.549545	277.205155	-1.964	0.049
L15.sh	-324.952308	388.990953	-0.835	0.404
L15.H2OC	211.300589	316.456833	0.668	0.504
L15.rho	71.162584	65.225360	1.091	0.275
L15.wv	0.002213	0.028608	0.077	0.938
L15.max. wv	5.556336	1.549227	3.587	0.000
L15.wd	-0.017588	0.023019	-0.764	0.445
L15.rain	10.739368	14.707445	0.730	0.465
L15.raining	0.050681	0.023534	2.153	0.031
L15.SWDR	0.099134	0.345681	0.287	0.774
L15.PAR	0.072438	0.180947	0.400	0.689
L15.max. PAR	-0.038176	0.004492	-8.499	0.000
L15.Tlog	-31.108843	19.800661	-1.571	0.116

Results for equation Tlog

	coefficient	std. error	t-stat	prob
const	-0.000003	0.000248	-0.013	0.990
L1.p	-0.048592	0.015948	-3.047	0.002
L1.T	0.128299	0.082052	1.564	0.118
L1.Tpot	0.071570	0.065847	1.087	0.277
L1.Tdew	-0.010150	0.005238	-1.938	0.053
L1.rh	-0.000435	0.000892	-0.487	0.626
L1.VPmax	0.104829	0.053534	1.958	0.050
L1.VPact	0.020323	0.063518	0.320	0.749
L1.VPdef	-0.064473	0.053570	-1.204	0.229
L1.sh	-0.055876	0.075260	-0.742	0.458
L1.H2OC	-0.009039	0.061116	-0.148	0.882
L1.rho	0.042924	0.012670	3.388	0.001
L1.wv	0.000008	0.000006	1.451	0.147
L1.max. wv	-0.008906	0.000295	-30.193	0.000
L1.wd	0.000021	0.000004	4.778	0.000
L1.rain	-0.011200	0.002837	-3.948	0.000
L1.raining	-0.000007	0.000005	-1.498	0.134
L1.SWDR	0.000515	0.000066	7.784	0.000
L1.PAR	-0.000174	0.000035	-5.015	0.000
L1.max. PAR	0.000001	0.000001	1.340	0.180
L1.Tlog	0.931146	0.004391	212.062	0.000
L2.p	-0.057801	0.017005	-3.399	0.001
L2.T	0.248507	0.098307	2.528	0.011

L2.Tpot	0.026106	0.081874	0.319	0.750
L2.Tdew	-0.007775	0.005437	-1.430	0.153
L2.rh	0.002795	0.000942	2.969	0.003
L2.VPmax	-0.050233	0.071599	-0.702	0.483
L2.VPact	0.113452	0.082108	1.382	0.167
L2.VPdef	0.021423	0.071668	0.299	0.765
L2.sh	0.041544	0.101145	0.411	0.681
L2.H2OC	-0.086128	0.077956	-1.105	0.269
L2.rho	0.046569	0.012831	3.629	0.000
L2.wv	0.000044	0.000008	5.824	0.000
L2.max. wv	-0.013762	0.000322	-42.799	0.000
L2.wd	0.000026	0.000005	5.093	0.000
L2.rain	-0.017686	0.003031	-5.835	0.000
L2.raining	-0.000067	0.000005	-14.054	0.000
L2.SWDR	0.000827	0.000070	11.823	0.000
L2.PAR	-0.000293	0.000037	-8.016	0.000
L2.max. PAR	0.000002	0.000001	2.075	0.038
L2.Tlog	-0.250179	0.006003	-41.673	0.000
L3.p	-0.034025	0.017530	-1.941	0.052
L3.T	0.192824	0.106466	1.811	0.070
L3.Tpot	-0.023091	0.089654	-0.258	0.797
L3.Tdew	-0.001341	0.005447	-0.246	0.806
L3.rh	0.000340	0.000943	0.360	0.719
L3.VPmax	-0.082695	0.083304	-0.993	0.321
L3.VPact	0.083336	0.093456	0.892	0.373
L3.VPdef	0.063239	0.083370	0.759	0.448
L3.sh	0.019569	0.117597	0.166	0.868
L3.H2OC	-0.013750	0.087678	-0.157	0.875
L3.rho	0.026996	0.012908	2.091	0.036
L3.wv	0.000054	0.000009	6.080	0.000
L3.max. wv	-0.012555	0.000335	-37.461	0.000
L3.wd	0.000024	0.000006	4.244	0.000
L3.rain	-0.010902	0.003176	-3.432	0.001
L3.raining	-0.000028	0.000005	-5.632	0.000
L3.SWDR	0.001027	0.000071	14.381	0.000
L3.PAR	-0.000401	0.000037	-10.759	0.000
L3.max. PAR	0.000001	0.000001	1.118	0.264
L3.Tlog	0.050509	0.006108	8.269	0.000
L4.p	0.018559	0.017818	1.042	0.298
L4.T	0.008987	0.110644	0.081	0.935
L4.Tpot	-0.023893	0.093549	-0.255	0.798
L4.Tdew	-0.019169	0.005454	-3.515	0.000
L4.rh	0.004014	0.000945	4.248	0.000
L4.VPmax	-0.081662	0.091599	-0.892	0.373
L4.VPact	0.163644	0.101230	1.617	0.106
L4.VPdef	0.084905	0.091675	0.926	0.354
L4.sh	-0.075004	0.128877	-0.582	0.561
L4.H2OC	-0.035036	0.094025	-0.373	0.709
L4.rho	-0.014713	0.012964	-1.135	0.256
L4.wv	0.000051	0.000010	5.128	0.000
L4.max. wv	-0.010214	0.000344	-29.716	0.000
L4.wd	0.000014	0.000006	2.417	0.016
L4.rain	-0.011861	0.003287	-3.608	0.000
L4.raining	-0.000027	0.000005	-5.399	0.000
L4.SWDR	0.000689	0.000072	9.542	0.000
L4.PAR	-0.000260	0.000038	-6.908	0.000
L4.max. PAR	0.000001	0.000001	0.912	0.362
L4.Tlog	-0.069781	0.006111	-11.418	0.000
L5.p	-0.000346	0.017957	-0.019	0.985
L5.T	-0.070161	0.112541	-0.623	0.533
L5.Tpot	0.144267	0.095370	1.513	0.130
L5.Tdew	0.002084	0.005456	0.382	0.702
L5.rh	0.000987	0.000945	1.044	0.296
L5.VPmax	0.045378	0.097409	0.466	0.641
L5.VPact	0.100576	0.106588	0.944	0.345
L5.VPdef	-0.060022	0.097479	-0.616	0.538
L5.sh	-0.142434	0.136735	-1.042	0.298
L5.H2OC	-0.067764	0.098338	-0.689	0.491
L5.rho	0.007838	0.013003	0.603	0.547
L5.wv	0.000049	0.000011	4.672	0.000
L5.max. wv	-0.007963	0.000349	-22.829	0.000
L5.wd	0.000017	0.000006	2.794	0.005
L5.rain	-0.010717	0.003356	-3.194	0.001
L5.raining	-0.000031	0.000005	-6.181	0.000
L5.SWDR	0.000523	0.000073	7.210	0.000
L5.PAR	-0.000182	0.000038	-4.816	0.000
L5.max. PAR	0.000002	0.000001	1.561	0.119
L5.Tlog	0.140101	0.006117	22.904	0.000
L6.p	0.030606	0.018014	1.699	0.089
L6.T	-0.195903	0.113343	-1.728	0.084
L6.Tpot	0.106544	0.096118	1.108	0.268
L6.Tdew	0.005255	0.005458	0.963	0.336
L6.rh	-0.002908	0.000945	-3.077	0.002
L6.VPmax	0.053430	0.101422	0.527	0.598
L6.VPact	0.046957	0.110312	0.426	0.670

L6.VPdef	-0.047705	0.101484	-0.470	0.638
L6.sh	-0.181098	0.142130	-1.274	0.203
L6.H2OC	0.024198	0.101417	0.239	0.811
L6.rho	-0.021347	0.013024	-1.639	0.101
L6.wv	0.000051	0.000011	4.607	0.000
L6.max. wv	-0.006924	0.000352	-19.688	0.000
L6.wd	0.000015	0.000006	2.504	0.012
L6.rain	-0.003174	0.003420	-0.928	0.353
L6.raining	-0.000026	0.000005	-5.206	0.000
L6.SWDR	0.000525	0.000073	7.207	0.000
L6.PAR	-0.000201	0.000038	-5.315	0.000
L6.max. PAR	0.000001	0.000001	0.756	0.450
L6.Tlog	-0.015779	0.006149	-2.566	0.010
L7.p	0.056419	0.018039	3.128	0.002
L7.T	-0.260698	0.113594	-2.295	0.022
L7.Tpot	0.110072	0.096333	1.143	0.253
L7.Tdew	-0.007779	0.005456	-1.426	0.154
L7.rh	0.002643	0.000945	2.797	0.005
L7.VPmax	0.012109	0.103616	0.117	0.907
L7.VPact	0.100975	0.112431	0.898	0.369
L7.VPdef	-0.003577	0.103655	-0.035	0.972
L7.sh	-0.094375	0.145110	-0.650	0.515
L7.H2OC	-0.075336	0.103251	-0.730	0.466
L7.rho	-0.038607	0.013040	-2.961	0.003
L7.wv	0.000045	0.000011	3.985	0.000
L7.max. wv	-0.004101	0.000354	-11.600	0.000
L7.wd	0.000013	0.000006	2.191	0.028
L7.rain	0.000260	0.003457	0.075	0.940
L7.raining	-0.000009	0.000005	-1.819	0.069
L7.SWDR	0.000411	0.000073	5.636	0.000
L7.PAR	-0.000167	0.000038	-4.406	0.000
L7.max. PAR	0.000001	0.000001	0.675	0.500
L7.Tlog	-0.056822	0.006152	-9.236	0.000
L8.p	0.059022	0.018048	3.270	0.001
L8.T	-0.299489	0.113611	-2.636	0.008
L8.Tpot	0.105641	0.096301	1.097	0.273
L8.Tdew	-0.002123	0.005452	-0.390	0.697
L8.rh	-0.001420	0.000945	-1.504	0.133
L8.VPmax	0.034344	0.104355	0.329	0.742
L8.VPact	0.114851	0.113167	1.015	0.310
L8.VPdef	-0.015460	0.104388	-0.148	0.882
L8.sh	-0.161020	0.146000	-1.103	0.270
L8.H2OC	-0.037652	0.103818	-0.363	0.717
L8.rho	-0.042053	0.013055	-3.221	0.001
L8.wv	0.000039	0.000011	3.448	0.001
L8.max. wv	-0.002318	0.000354	-6.542	0.000
L8.wd	0.000007	0.000006	1.069	0.285
L8.rain	-0.003815	0.003469	-1.100	0.271
L8.raining	-0.000004	0.000005	-0.786	0.432
L8.SWDR	0.000406	0.000073	5.558	0.000
L8.PAR	-0.000172	0.000038	-4.536	0.000
L8.max. PAR	0.000000	0.000001	0.179	0.858
L8.Tlog	0.003638	0.006161	0.590	0.555
L9.p	0.031038	0.018035	1.721	0.085
L9.T	-0.218793	0.113489	-1.928	0.054
L9.Tpot	0.137215	0.096142	1.427	0.154
L9.Tdew	0.000760	0.005446	0.140	0.889
L9.rh	0.000240	0.000944	0.254	0.799
L9.VPmax	0.009574	0.103604	0.092	0.926
L9.VPact	0.094763	0.112515	0.842	0.400
L9.VPdef	-0.002846	0.103619	-0.027	0.978
L9.sh	-0.122641	0.145023	-0.846	0.398
L9.H2OC	-0.027614	0.103389	-0.267	0.789
L9.rho	-0.019511	0.013045	-1.496	0.135
L9.wv	0.000035	0.000011	3.095	0.002
L9.max. wv	-0.002051	0.000354	-5.798	0.000
L9.wd	0.000009	0.000006	1.431	0.152
L9.rain	-0.001033	0.003457	-0.299	0.765
L9.raining	-0.000004	0.000005	-0.861	0.389
L9.SWDR	0.000256	0.000073	3.500	0.000
L9.PAR	-0.000105	0.000038	-2.773	0.006
L9.max. PAR	-0.000001	0.000001	-0.660	0.509
L9.Tlog	0.017015	0.006157	2.763	0.006
L10.p	0.013795	0.018009	0.766	0.444
L10.T	-0.131029	0.113177	-1.158	0.247
L10.Tpot	0.135917	0.095785	1.419	0.156
L10.Tdew	-0.003076	0.005443	-0.565	0.572
L10.rh	0.000439	0.000944	0.465	0.642
L10.VPmax	-0.037907	0.101376	-0.374	0.708
L10.VPact	0.058949	0.110534	0.533	0.594
L10.VPdef	0.042211	0.101381	0.416	0.677
L10.sh	-0.194993	0.141911	-1.374	0.169
L10.H2OC	0.101199	0.101811	0.994	0.320
L10.rho	0.000120	0.013027	0.009	0.993
L10.wv	0.000024	0.000011	3.040	0.002

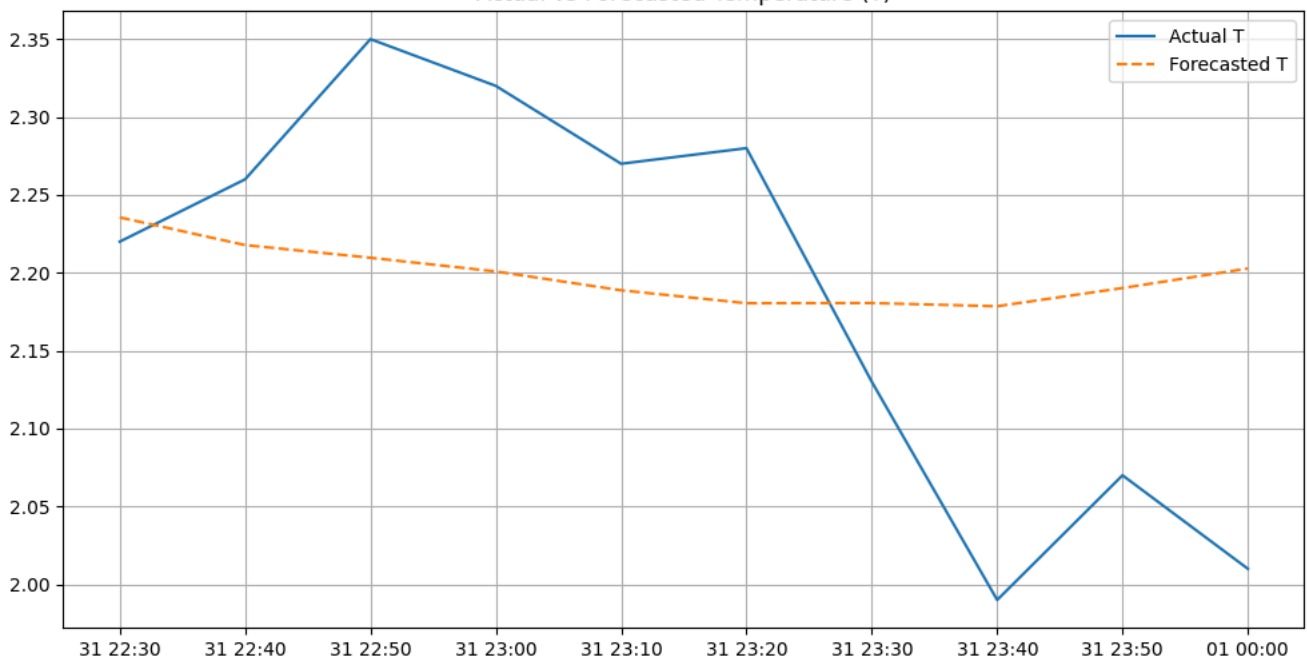
L10.wv	0.000004	0.000011	0.0000	0.0000
L10.max. wv	-0.001615	0.000353	-4.576	0.000
L10.wd	0.000008	0.000006	1.250	0.211
L10.rain	-0.000779	0.003413	-0.228	0.819
L10.raining	-0.000004	0.000005	-0.775	0.438
L10.SWDR	0.000123	0.000073	1.684	0.092
L10.PAR	-0.000031	0.000038	-0.816	0.414
L10.max. PAR	-0.000000	0.000001	-0.310	0.756
L10.Tlog	0.001804	0.006150	0.293	0.769
L11.p	0.019460	0.017940	1.085	0.278
L11.T	-0.162382	0.112260	-1.446	0.148
L11.Tpot	0.139528	0.094939	1.470	0.142
L11.Tdew	0.000951	0.005434	0.175	0.861
L11.rh	0.000391	0.000943	0.415	0.678
L11.VPmax	-0.005940	0.097371	-0.061	0.951
L11.VPact	0.048881	0.106823	0.458	0.647
L11.VPdef	0.009224	0.097379	0.095	0.925
L11.sh	-0.035296	0.136404	-0.259	0.796
L11.H2OC	-0.025855	0.098889	-0.261	0.794
L11.rho	-0.005820	0.013007	-0.447	0.655
L11.wv	0.000030	0.000011	2.811	0.005
L11.max. wv	-0.001469	0.000351	-4.187	0.000
L11.wd	0.000004	0.000006	0.681	0.496
L11.rain	-0.002479	0.003350	-0.740	0.459
L11.raining	-0.000001	0.000005	-0.278	0.781
L11.SWDR	0.000140	0.000073	1.923	0.055
L11.PAR	-0.000044	0.000038	-1.155	0.248
L11.max. PAR	-0.000001	0.000001	-0.810	0.418
L11.Tlog	-0.008210	0.006121	-1.341	0.180
L12.p	0.027144	0.017793	1.526	0.127
L12.T	-0.129949	0.110280	-1.178	0.239
L12.Tpot	0.040725	0.093112	0.437	0.662
L12.Tdew	0.005905	0.005429	1.088	0.277
L12.rh	-0.000025	0.000943	-0.026	0.979
L12.VPmax	-0.131535	0.091527	-1.437	0.151
L12.VPact	0.092831	0.101519	0.914	0.360
L12.VPdef	0.135934	0.091567	1.485	0.138
L12.sh	0.070377	0.128585	0.547	0.584
L12.H2OC	-0.024900	0.094501	-0.263	0.792
L12.rho	-0.021065	0.012967	-1.624	0.104
L12.wv	0.000026	0.000010	2.678	0.007
L12.max. wv	-0.001010	0.000347	-2.911	0.004
L12.wd	-0.000000	0.000006	-0.008	0.994
L12.rain	0.002142	0.003280	0.653	0.514
L12.raining	0.000000	0.000005	0.076	0.939
L12.SWDR	-0.000050	0.000072	-0.692	0.489
L12.PAR	0.000042	0.000038	1.125	0.261
L12.max. PAR	0.000001	0.000001	0.822	0.411
L12.Tlog	0.005437	0.006108	0.890	0.373
L13.p	0.025910	0.017508	1.480	0.139
L13.T	-0.149363	0.106141	-1.407	0.159
L13.Tpot	0.059472	0.089257	0.666	0.505
L13.Tdew	0.008055	0.005415	1.487	0.137
L13.rh	-0.001429	0.000940	-1.520	0.129
L13.VPmax	-0.067791	0.083264	-0.814	0.416
L13.VPact	0.017172	0.093687	0.183	0.855
L13.VPdef	0.078157	0.083299	0.938	0.348
L13.sh	-0.015224	0.117340	-0.130	0.897
L13.H2OC	0.060804	0.088084	0.690	0.490
L13.rho	-0.016711	0.012913	-1.294	0.196
L13.wv	0.000023	0.000009	2.593	0.010
L13.max. wv	-0.000091	0.000341	-0.267	0.789
L13.wd	0.000002	0.000006	0.353	0.724
L13.rain	0.000386	0.003169	0.122	0.903
L13.raining	-0.000003	0.000005	-0.521	0.602
L13.SWDR	0.000163	0.000072	2.269	0.023
L13.PAR	-0.000062	0.000037	-1.673	0.094
L13.max. PAR	-0.000000	0.000001	-0.299	0.765
L13.Tlog	-0.006112	0.006101	-1.002	0.316
L14.p	-0.028558	0.016970	-1.683	0.092
L14.T	0.033883	0.098014	0.346	0.730
L14.Tpot	0.122463	0.081626	1.500	0.134
L14.Tdew	-0.004433	0.005404	-0.820	0.412
L14.rh	0.001116	0.000939	1.189	0.235
L14.VPmax	-0.045710	0.071589	-0.639	0.523
L14.VPact	-0.091592	0.082212	-1.114	0.265
L14.VPdef	0.029827	0.071648	0.416	0.677
L14.sh	0.081262	0.100979	0.805	0.421
L14.H2OC	0.077915	0.078196	0.996	0.319
L14.rho	0.031661	0.012825	2.469	0.014
L14.wv	0.000020	0.000008	2.687	0.007
L14.max. wv	-0.000167	0.000329	-0.507	0.612
L14.wd	0.000004	0.000005	0.791	0.429
L14.rain	0.000296	0.003029	0.098	0.922
L14.raining	0.000002	0.000005	0.424	0.671

L14.SWDR	-0.000080	0.000070	-1.134	0.257
L14.PAR	0.000055	0.000037	1.492	0.136
L14.max. PAR	-0.000000	0.000001	-0.147	0.883
L14.Tlog	0.003777	0.005965	0.633	0.527
L15.p	-0.037971	0.015882	-2.391	0.017
L15.T	0.146234	0.081948	1.784	0.074
L15.Tpot	-0.010106	0.065677	-0.154	0.878
L15.Tdew	0.002477	0.005192	0.477	0.633
L15.rh	-0.000153	0.000883	-0.173	0.863
L15.VPmax	-0.061491	0.053542	-1.148	0.251
L15.VPact	-0.028250	0.063552	-0.445	0.657
L15.VPdef	0.053870	0.053608	1.005	0.315
L15.sh	0.068672	0.075226	0.913	0.361
L15.H2OC	0.044581	0.061199	0.728	0.466
L15.rho	0.029863	0.012614	2.368	0.018
L15.wv	0.000016	0.000006	2.944	0.003
L15.max. wv	-0.000200	0.000300	-0.668	0.504
L15.wd	-0.000000	0.000004	-0.034	0.973
L15.rain	-0.000035	0.002844	-0.012	0.990
L15.raining	0.000002	0.000005	0.403	0.687
L15.SWDR	-0.000092	0.000067	-1.374	0.170
L15.PAR	0.000047	0.000035	1.348	0.178
L15.max. PAR	-0.000001	0.000001	-0.610	0.542
L15.Tlog	-0.025821	0.003829	-6.743	0.000

Correlation matrix of residuals

	p	T	Tpot	Tdew	rh	VPmax	VPact	VPdef	sh	H2OC	rho	wv
p	1.000000	-0.078739	-0.111051	0.016883	0.064378	-0.076808	0.018857	-0.073526	0.014408	0.014216	0.186759	-0.002192
T	-0.078739	1.000000	0.999265	0.093441	-0.640419	0.904044	0.031908	0.729850	0.031243	0.032006	-0.987852	-0.004969
Tpot	-0.111051	0.999265	1.000000	0.092358	-0.640660	0.903791	0.030978	0.730138	0.030474	0.031241	-0.990706	-0.004817
Tdew	0.016883	0.093441	0.092358	1.000000	0.648942	0.011508	0.939097	-0.492804	0.937235	0.938602	-0.178681	-0.002049
rh	0.064378	-0.640419	-0.640660	0.648942	1.000000	-0.576995	0.653155	-0.826075	0.652615	0.652952	0.576519	0.002421
VPmax	-0.076808	0.904044	0.903791	0.011508	-0.576995	1.000000	-0.035533	0.845067	-0.035798	-0.035196	-0.864029	-0.004202
VPact	0.018857	0.031908	0.030978	0.939097	0.653155	-0.035533	1.000000	-0.564035	0.999136	0.999451	-0.120678	-0.001147
VPdef	-0.073526	0.729850	0.730138	-0.492804	-0.826075	0.845067	-0.564035	1.000000	-0.563999	-0.563677	-0.649310	-0.002840
sh	0.014408	0.031243	0.030474	0.937235	0.652615	-0.035798	0.999136	-0.563999	1.000000	0.999273	-0.120411	-0.001250
H2OC	0.014216	0.032006	0.031241	0.938602	0.652952	-0.035196	0.999451	-0.563677	0.999273	1.000000	-0.121227	-0.001191
rho	0.186759	-0.987852	-0.990706	-0.178681	0.576519	-0.864029	-0.120678	-0.649310	-0.120411	-0.121227	1.000000	0.004819
wv	-0.002192	-0.004969	-0.004817	-0.002049	0.002421	-0.004202	-0.001147	-0.002840	-0.001250	-0.001191	0.004819	1.000000
max. wv	-0.048463	-0.052441	-0.050506	-0.150953	-0.086656	-0.064854	-0.138534	0.020474	-0.138459	-0.138677	0.055218	0.032943
wd	0.019406	0.029715	0.028805	-0.070438	-0.071857	0.037116	-0.069722	0.068103	-0.069748	-0.069731	-0.019644	0.013797
rain	0.075087	-0.084283	-0.086806	0.009838	0.069208	-0.095677	0.013605	-0.086292	0.013307	0.013000	0.086148	0.002202
raining	0.051021	-0.064716	-0.066189	0.047110	0.100657	-0.052521	0.044289	-0.067064	0.044045	0.044090	0.065157	-0.033150
SWDR	-0.090036	0.266250	0.268232	0.043936	-0.132658	0.269977	0.037651	0.202934	0.037995	0.038151	-0.268729	0.001180
PAR	-0.090884	0.261518	0.263554	0.042499	-0.130666	0.267296	0.036808	0.201162	0.037171	0.037321	-0.263876	0.001218
max. PAR	-0.033177	0.082068	0.082694	0.014084	-0.044609	0.079109	0.009591	0.060270	0.009775	0.009733	-0.083677	0.000389
Tlog	0.008266	0.049035	0.048578	0.039807	-0.006230	0.054517	0.035700	0.025925	0.035395	0.035490	-0.048526	-0.009169

Actual vs Forecasted Temperature (T)



RMSE for T: 0.11921544191842412

