



Hands-on Session: Visualization of the CREST Model Results

Xianwu Xue
April 4th 2012





















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- Display Time Series Data
- Display Distributed Outputs with ArcGIS (Streamflow (R), ET, Surface Runoff...)
- Google Earth Display



Display Time Series Data

 GOVar_Rain_20011218.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011219.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011220.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011221.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011222.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011223.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011224.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011225.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011226.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011227.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011228.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011229.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011230.asc	3/29/2012 3:15 PM	ASC File	161 KB
 GOVar_Rain_20011231.asc	3/29/2012 3:15 PM	ASC File	161 KB
 Outlet_Wangchu_Mask.asc	3/29/2012 3:14 PM	ASC File	81 KB
 Outlet_Wangchu_Results.csv	3/29/2012 3:15 PM	Microsoft Excel C...	55 KB
 Outlet_Wangchu_Results_Statistics.csv	3/29/2012 3:15 PM	Microsoft Excel C...	1 KB
 Slope.asc	3/29/2012 3:14 PM	ASC File	161 KB

Outlet Results

Outlet_Wangchu_Results.csv - Microsoft Excel																
File Home Insert Page Layout Formulas Data Review View Add-Ins Load Test Acrobat Team																
宋体 11 A A Wrap Text General Normal Bad Good Neutral Calcula... Check Cell																
Clipboard Font Alignment Number Conditional Formatting Format as Table Styles Insert Delete Format Cells Editing																
A1	DateTime	Rain	PET	EPot	EAct	W	SM	RS	RI	ExcS	ExcI	R	RObs			
1	1/1/2001 0:00	0.326	1.039	0.104	0.074	57.904	0.536	4.901	3.281	0.057	0.066	1.724	27			
2	1/2/2001 0:00	0	1.291	0.129	0.069	57.835	0.536	3.899	3.261	0	0	50.733	27			
3	1/3/2001 0:00	0.039	1.185	0.119	0.053	57.793	0.535	2.185	3.234	0.003	0.003	63.792	26.944			
4	1/4/2001 0:00	0	1.125	0.113	0.06	57.733	0.535	0.823	3.2	0	0	36.657	26.02			
5	1/5/2001 0:00	0.012	1.156	0.116	0.066	57.678	0.534	0.255	3.159	0.001	0.001	22.483	25.913			
6	1/6/2001 0:00	0.01	1.28	0.128	0.063	57.614	0.534	0.07	3.113	0	0	18.641	25.106			
7	1/7/2001 0:00	0.005	1.194	0.12	0.063	57.553	0.533	0.018	3.061	0	0	18.721	25.05			
8	1/8/2001 0:00	0.003	1.125	0.113	0.058	57.495	0.533	0.005	3.005	0	0	19.871	25.055			
9	1/9/2001 0:00	0	1.213	0.121	0.065	57.43	0.532	0.001	2.945	0	0	21.173	24.477			
10	1/10/2001 0:00	0	1.213	0.121	0.064	57.366	0.531	0	2.881	0	0	22.38	24.67			
11	1/11/2001 0:00	0.001	1.213	0.121	0.064	57.302	0.531	0	2.814	0	0	23.439	25.05			
12	1/12/2001 0:00	0.007	1.213	0.121	0.061	57.242	0.53	0	2.744	0	0	24.348	25.45			
13	1/13/2001 0:00	0.003	1.213	0.121	0.062	57.179	0.53	0	2.671	0	0	25.117	24.988			
14	1/14/2001 0:00	0.003	1.213	0.121	0.062	57.117	0.529	0	2.596	0	0	25.761	24.85			
15	1/15/2001 0:00	0.001	1.213	0.121	0.063	57.053	0.529	0	2.519	0	0	26.29	24.734			
16	1/16/2001 0:00	0.019	1.213	0.121	0.066	57	0.528	0.003	2.44	0.003	0.004	26.718	24.671			
17	1/17/2001 0:00	0.012	1.213	0.121	0.058	56.942	0.528	0.003	2.359	0	0	27.054	24.169			
18	1/18/2001 0:00	0.004	1.213	0.121	0.063	56.881	0.527	0.003	2.278	0	0	27.306	23.5			
19	1/19/2001 0:00	0.011	1.213	0.121	0.065	56.823	0.526	0.003	2.195	0.001	0.002	27.481	23.527			
20	1/20/2001 0:00	0.015	1.213	0.121	0.057	56.767	0.526	0.002	2.112	0	0	27.581	23.781			
21	1/21/2001 0:00	0.014	1.213	0.121	0.064	56.711	0.525	0.002	2.028	0.001	0.001	27.61	23.78			
22	1/22/2001 0:00	0	1.213	0.121	0.064	56.647	0.525	0.001	1.944	0	0	27.57	23.766			
23	1/23/2001 0:00	0.033	1.213	0.121	0.069	56.603	0.524	0.004	1.861	0.005	0.005	27.497	23.535			
24	1/24/2001 0:00	0.004	1.213	0.121	0.065	56.541	0.524	0.004	1.777	0	0	27.305	24.217			
25	1/25/2001 0:00	0.051	1.213	0.121	0.077	56.505	0.523	0.005	1.695	0.004	0.004	27.094	24			
26	1/26/2001 0:00	0.008	1.213	0.121	0.059	56.446	0.523	0.002	1.614	0	0	26.845	24.51			
27	1/27/2001 0:00	0.015	1.213	0.121	0.068	56.392	0.522	0.002	1.533	0.001	0.001	26.393	24.706			
28	1/28/2001 0:00	0.002	1.213	0.121	0.062	56.329	0.522	0	1.454	0	0	25.917	24			
29	1/29/2001 0:00	0.002	1.213	0.121	0.062	56.267	0.521	0	1.376	0	0	25.403	23.944			
30	1/30/2001 0:00	0	1.213	0.121	0.063	56.204	0.521	0	1.3	0	0	24.834	24.615			
31	1/31/2001 0:00	0	1.213	0.121	0.063	56.141	0.52	0	1.226	0	0	24.211	25.125			
32	2/1/2001 0:00	0.054	0.677	0.068	0.037	56.137	0.52	0.008	1.156	0.01	0.011	23.535	25.159			
33	2/2/2001 0:00	0.093	1.996	0.2	0.106	56.085	0.52	0.018	1.089	0.012	0.014	22.812	25.32			
34	2/3/2001 0:00	0.052	1.755	0.176	0.109	56.022	0.519	0.019	1.022	0.003	0.003	22.06	24.393			
35	2/4/2001 0:00	0.016	1.679	0.168	0.078	55.944	0.518	0.008	0.957	0	0	21.449	23			
36	2/5/2001 0:00	0.012	2.008	0.201	0.098	55.846	0.517	0.002	0.895	0	0	20.51	21.855			
37	2/6/2001 0:00	0.039	1.859	0.186	0.099	55.772	0.517	0.005	0.836	0.005	0.006	19.594	21.479			
38	2/7/2001 0:00	0.004	1.783	0.179	0.09	55.682	0.516	0.004	0.779	0	0	18.701	22.096			
39	2/8/2001 0:00	0	1.739	0.174	0.09	55.593	0.515	0.004	0.725	0	0	18.108	22.479			
40	2/9/2001 0:00	0.047	1.876	0.188	0.103	55.523	0.514	0.006	0.674	0.006	0.006	17.082	23.124			
41	2/10/2001 0:00	0.085	1.818	0.182	0.098	55.478	0.514	0.016	0.628	0.013	0.014	16.096	23.213			
42	2/11/2001 0:00	0.046	1.899	0.19	0.096	55.406	0.513	0.018	0.582	0.005	0.005	15.189	23			
43	2/12/2001 0:00	0.044	1.972	0.197	0.118	55.327	0.513	0.009	0.538	0	0	14.444	22.944			
44	2/13/2001 0:00	0.042	2.06	0.206	0.111	55.246	0.512	0.009	0.498	0.006	0.007	13.783	22.321			
45	2/14/2001 0:00	0	2.265	0.227	0.115	55.13	0.511	0.007	0.459	0	0	12.777	22.309			
46	2/15/2001 0:00	0	2.128	0.213	0.108	55.023	0.51	0.005	0.423	0	0	12.188	22.01			
47	2/16/2001 0:00	0.112	2.384	0.239	0.123	54.964	0.509	0.012	0.391	0.012	0.013	11.209	21.115			
48	2/17/2001 0:00	0.066	2.371	0.237	0.126	54.882	0.508	0.019	0.362	0.011	0.012	10.328	21.742			
49	2/18/2001 0:00	0.073	2.267	0.227	0.126	54.808	0.508	0.023	0.334	0.008	0.009	9.881	21			
50	2/19/2001 0:00	0.187	2.299	0.23	0.158	54.795	0.508	0.033	0.31	0.02	0.022	9.03	21.216			
51	2/20/2001 0:00	0.093	2.211	0.221	0.116	54.733	0.507	0.028	0.286	0.006	0.006	8.445	21.392			

Select Columns for Draw Figure

The screenshot shows the Microsoft Excel interface with the 'Insert' ribbon selected. The 'Line' button in the 'Line' group is highlighted. A tooltip is visible over the 'Line' button, and another tooltip is visible over the '3-D' button. The spreadsheet data is visible in the background.

Line
Display trend over time (dates, years) or ordered categories.

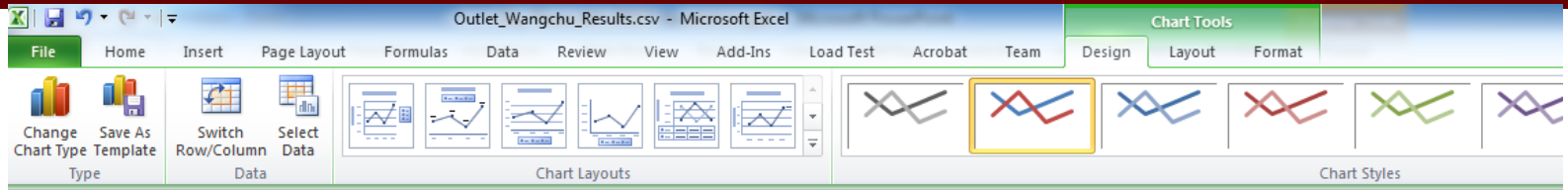
3-D
Useful when there are many data points and the order is important.

All Chart Types...

	A	B	C	D	E	F	G	H	I	J	K	L	M
	DateTime	Rain	PET	EPot	EA	ExcS	ExcI	R	RObs				
1	1/1/2001 0:00	0.326	1.039	0.104									
2	1/2/2001 0:00	0	1.291	0.129									
3	1/3/2001 0:00	0.039	1.185	0.119									
4	1/4/2001 0:00	0	1.125	0.113									
5	1/5/2001 0:00	0.012	1.156	0.116									
6	1/6/2001 0:00	0.01	1.28	0.128									
7	1/7/2001 0:00	0.005	1.194	0.12									
8	1/8/2001 0:00	0.003	1.125	0.113									
9	1/9/2001 0:00	0	1.213	0.121	0.065	57.43	0.532	0.001	2.945	0	0	21.173	24.477
10	1/10/2001 0:00	0	1.213	0.121	0.064	57.366	0.531	0	2.881	0	0	22.38	24.67
11	1/11/2001 0:00	0.001	1.213	0.121	0.064	57.302	0.531	0	2.814	0	0	23.439	25.05
12	1/12/2001 0:00	0.007	1.213	0.121	0.061	57.242	0.53	0	2.744	0	0	24.348	25.45
13	1/13/2001 0:00	0.003	1.213	0.121	0.062	57.179	0.53	0	2.671	0	0	25.117	24.988
14	1/14/2001 0:00	0.003	1.213	0.121	0.062	57.117	0.529	0	2.596	0	0	25.761	24.85
15	1/15/2001 0:00	0.001	1.213	0.121	0.063	57.053	0.529	0	2.519	0	0	26.29	24.734
16	1/16/2001 0:00	0.019	1.213	0.121	0.066	57	0.528	0.003	2.44	0.003	0.004	26.718	24.671
17	1/17/2001 0:00	0.012	1.213	0.121	0.058	56.942	0.528	0.003	2.359	0	0	27.054	24.169
18	1/18/2001 0:00	0.004	1.213	0.121	0.063	56.881	0.527	0.003	2.278	0	0	27.306	23.5
19	1/19/2001 0:00	0.011	1.213	0.121	0.065	56.823	0.526	0.003	2.195	0.001	0.002	27.481	23.527
20	1/20/2001 0:00	0.015	1.213	0.121	0.057	56.767	0.526	0.002	2.112	0	0	27.581	23.781
21	1/21/2001 0:00	0.014	1.213	0.121	0.064	56.711	0.525	0.002	2.028	0.001	0.001	27.61	23.78
22	1/22/2001 0:00	0	1.213	0.121	0.064	56.647	0.525	0.001	1.944	0	0	27.57	23.766
23	1/23/2001 0:00	0.033	1.213	0.121	0.069	56.603	0.524	0.004	1.861	0.005	0.005	27.497	23.535
24	1/24/2001 0:00	0.004	1.213	0.121	0.065	56.541	0.524	0.004	1.777	0	0	27.305	24.217
25	1/25/2001 0:00	0.051	1.213	0.121	0.077	56.505	0.523	0.005	1.695	0.004	0.004	27.094	24
26	1/26/2001 0:00	0.008	1.213	0.121	0.059	56.446	0.523	0.002	1.614	0	0	26.845	24.51
27	1/27/2001 0:00	0.015	1.213	0.121	0.068	56.392	0.522	0.002	1.533	0.001	0.001	26.393	24.706
28	1/28/2001 0:00	0.002	1.213	0.121	0.062	56.329	0.522	0	1.454	0	0	25.917	24
29	1/29/2001 0:00	0.002	1.213	0.121	0.062	56.267	0.521	0	1.376	0	0	25.403	23.944
30	1/30/2001 0:00	0	1.213	0.121	0.063	56.204	0.521	0	1.3	0	0	24.834	24.615
31	1/31/2001 0:00	0	1.213	0.121	0.063	56.141	0.52	0	1.226	0	0	24.211	25.125
32	2/1/2001 0:00	0.054	0.677	0.068	0.037	56.137	0.52	0.008	1.156	0.01	0.011	23.535	25.159
33	2/2/2001 0:00	0.093	1.996	0.2	0.106	56.085	0.52	0.018	1.089	0.012	0.014	22.812	25.32
34	2/3/2001 0:00	0.052	1.755	0.176	0.109	56.022	0.519	0.019	1.022	0.003	0.003	22.06	24.393
35	2/4/2001 0:00	0.016	1.679	0.168	0.078	55.944	0.518	0.008	0.957	0	0	21.449	23
36	2/5/2001 0:00	0.012	2.008	0.201	0.098	55.846	0.517	0.002	0.895	0	0	20.51	21.855
37	2/6/2001 0:00	0.039	1.859	0.186	0.099	55.772	0.517	0.005	0.836	0.005	0.006	19.594	21.479
38	2/7/2001 0:00	0.004	1.783	0.179	0.09	55.682	0.516	0.004	0.779	0	0	18.701	22.096
39	2/8/2001 0:00	0	1.739	0.174	0.09	55.593	0.515	0.004	0.725	0	0	18.108	22.479
40	2/9/2001 0:00	0.047	1.876	0.188	0.103	55.523	0.514	0.006	0.674	0.006	0.006	17.082	23.124
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42	2/11/2001 0:00	0.046	1.899	0.19	0.096	55.406	0.513	0.018	0.582	0.005	0.005	15.189	23
43	2/12/2001 0:00	0.044	1.972	0.197	0.118	55.327	0.513	0.009	0.538	0	0	14.444	22.944



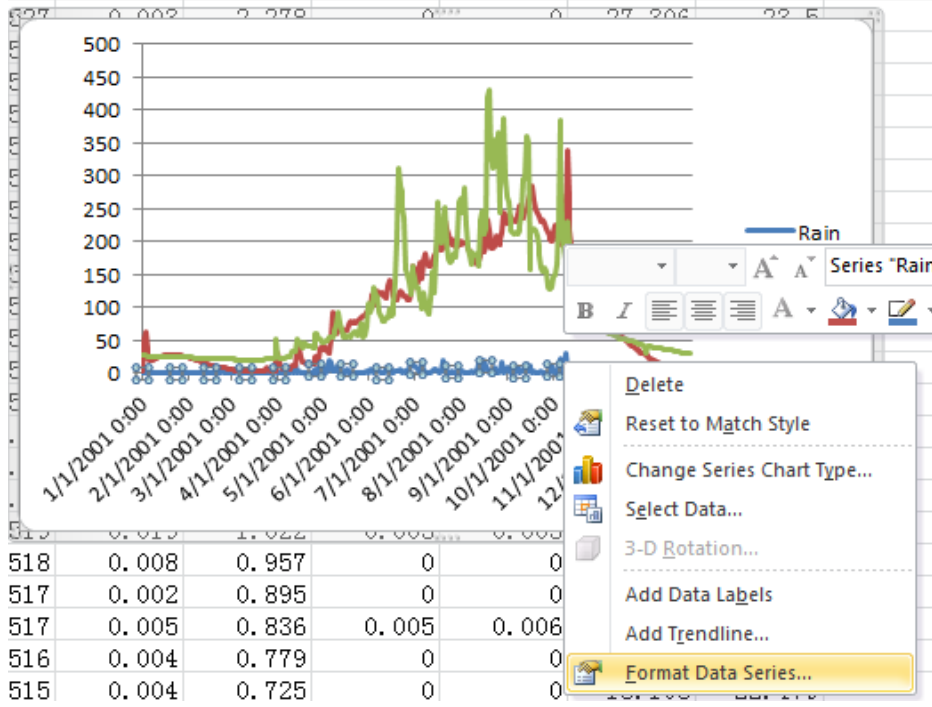
Raw Figure



	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
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15	1/15/2001 0:00	0.001	1.213	0.121	0.063	57.053	0.529	0	2.519	0	0	26.29	24.734		
16	1/16/2001 0:00	0.019	1.213	0.121	0.066	57	0.528	0.003	2.44	0.003	0.004	26.718	24.671		
17	1/17/2001 0:00	0.012	1.213	0.121	0.058	56.942	0.528	0.003	2.359	0	0	27.054	24.169		
18	1/18/2001 0:00	0.004	1.213	0.121	0.063	56.881	0.527	0.002	2.278	0.001	0.001	27.204	24.5		
19	1/19/2001 0:00	0.011	1.213	0.121	0.065	56.823	0.527	0.002	2.197	0.001	0.001	27.354	24.83		
20	1/20/2001 0:00	0.015	1.213	0.121	0.057	56.767	0.527	0.002	2.116	0.001	0.001	27.504	25.16		
21	1/21/2001 0:00	0.014	1.213	0.121	0.064	56.711	0.527	0.002	2.035	0.001	0.001	27.654	25.49		
22	1/22/2001 0:00	0	1.213	0.121	0.064	56.647	0.527	0.002	1.954	0.001	0.001	27.804	25.82		
23	1/23/2001 0:00	0.033	1.213	0.121	0.069	56.603	0.527	0.002	1.873	0.001	0.001	27.954	26.15		
24	1/24/2001 0:00	0.004	1.213	0.121	0.065	56.541	0.527	0.002	1.792	0.001	0.001	28.104	26.48		
25	1/25/2001 0:00	0.051	1.213	0.121	0.077	56.505	0.527	0.002	1.711	0.001	0.001	28.254	26.81		
26	1/26/2001 0:00	0.008	1.213	0.121	0.059	56.446	0.527	0.002	1.63	0.001	0.001	28.404	27.14		
27	1/27/2001 0:00	0.015	1.213	0.121	0.068	56.392	0.527	0.002	1.549	0.001	0.001	28.554	27.47		
28	1/28/2001 0:00	0.002	1.213	0.121	0.062	56.329	0.527	0.002	1.468	0.001	0.001	28.704	27.8		
29	1/29/2001 0:00	0.002	1.213	0.121	0.062	56.267	0.527	0.002	1.387	0.001	0.001	28.854	28.13		
30	1/30/2001 0:00	0	1.213	0.121	0.063	56.204	0.527	0.002	1.306	0.001	0.001	29.004	28.46		
31	1/31/2001 0:00	0	1.213	0.121	0.063	56.141	0.527	0.002	1.225	0.001	0.001	29.154	28.79		
32	2/1/2001 0:00	0.054	0.677	0.068	0.037	56.137	0.527	0.002	1.144	0.001	0.001	29.304	29.12		
33	2/2/2001 0:00	0.093	1.996	0.2	0.106	56.085	0.527	0.002	1.063	0.001	0.001	29.454	29.45		
34	2/3/2001 0:00	0.052	1.755	0.176	0.109	56.022	0.527	0.002	0.982	0.001	0.001	29.604	29.78		
35	2/4/2001 0:00	0.016	1.679	0.168	0.078	55.944	0.518	0.008	0.957	0	0	21.449	23		
36	2/5/2001 0:00	0.012	2.008	0.201	0.098	55.846	0.517	0.002	0.895	0	0	20.51	21.855		
37	2/6/2001 0:00	0.039	1.859	0.186	0.099	55.772	0.517	0.005	0.836	0.005	0.006	19.594	21.479		
38	2/7/2001 0:00	0.004	1.783	0.179	0.09	55.682	0.516	0.004	0.779	0	0	18.701	22.096		
39	2/8/2001 0:00	0	1.739	0.174	0.09	55.593	0.515	0.004	0.725	0	0	18.108	22.479		
40	2/9/2001 0:00	0.047	1.876	0.188	0.103	55.523	0.514	0.006	0.674	0.006	0.006	17.082	23.124		
41	2/10/2001 0:00	0.085	1.818	0.182	0.098	55.478	0.514	0.016	0.628	0.013	0.014	16.096	23.213		
42	2/11/2001 0:00	0.123	1.888	0.188	0.098	55.433	0.513	0.032	0.588	0.026	0.027	15.11	23.302		
43	2/12/2001 0:00	0.161	1.958	0.194	0.098	55.388	0.513	0.048	0.548	0.04	0.041	14.124	23.391		
44	2/13/2001 0:00	0.199	2.028	0.2	0.098	55.343	0.513	0.064	0.508	0.054	0.055	13.138	23.48		
45	2/14/2001 0:00	0.237	2.098	0.206	0.098	55.298	0.513	0.08	0.468	0.068	0.069	12.152	23.569		
46	2/15/2001 0:00	0.275	2.168	0.212	0.098	55.253	0.513	0.096	0.428	0.082	0.083	11.166	23.658		
47	2/16/2001 0:00	0.313	2.238	0.218	0.098	55.208	0.513	0.112	0.388	0.096	0.097	10.18	23.747		
48	2/17/2001 0:00	0.351	2.308	0.224	0.098	55.163	0.513	0.128	0.348	0.11	0.111	9.194	23.836		
49	2/18/2001 0:00	0.389	2.378	0.23	0.098	55.118	0.513	0.144	0.308	0.124	0.125	8.208	23.925		
50	2/19/2001 0:00	0.427	2.448	0.236	0.098	55.073	0.513	0.16	0.268	0.138	0.139	7.222	24.014		
51	2/20/2001 0:00	0.465	2.518	0.242	0.098	55.028	0.513	0.176	0.228	0.152	0.153	6.236	24.103		
52	2/21/2001 0:00	0.503	2.588	0.248	0.098	54.983	0.513	0.192	0.188	0.166	0.167	5.25	24.192		
53	2/22/2001 0:00	0.541	2.658	0.254	0.098	54.938	0.513	0.208	0.148	0.18	0.181	4.264	24.281		
54	2/23/2001 0:00	0.579	2.728	0.26	0.098	54.893	0.513	0.224	0.108	0.194	0.195	3.278	24.37		
55	2/24/2001 0:00	0.617	2.798	0.266	0.098	54.848	0.513	0.24	0.068	0.208	0.209	2.292	24.459		
56	2/25/2001 0:00	0.655	2.868	0.272	0.098	54.803	0.513	0.256	0.028	0.222	0.213	1.306	24.548		
57	2/26/2001 0:00	0.693	2.938	0.278	0.098	54.758	0.513	0.272	0.008	0.236	0.217	0.32	24.637		
58	2/27/2001 0:00	0.731	3.008	0.284	0.098	54.713	0.513	0.288	0.008	0.25	0.221	0.334	24.726		
59	2/28/2001 0:00	0.769	3.078	0.29	0.098	54.668	0.513	0.304	0.008	0.264	0.225	0.348	24.815		
60	2/29/2001 0:00	0.807	3.148	0.296	0.098	54.623	0.513	0.32	0.008	0.278	0.229	0.362	24.904		
61	2/30/2001 0:00	0.845	3.218	0.302	0.098	54.578	0.513	0.336	0.008	0.292	0.233	0.376	24.993		
62	3/1/2001 0:00	0.883	3.288	0.308	0.098	54.533	0.513	0.352	0.008	0.306	0.237	0.39	25.082		
63	3/2/2001 0:00	0.921	3.358	0.314	0.098	54.488	0.513	0.368	0.008	0.32	0.241	0.404	25.171		
64	3/3/2001 0:00	0.959	3.428	0.32	0.098	54.443	0.513	0.384	0.008	0.334	0.245	0.418	25.26		
65	3/4/2001 0:00	0.997	3.498	0.326	0.098	54.398	0.513	0.4	0.008	0.348	0.249	0.432	25.349		
66	3/5/2001 0:00	1.035	3.568	0.332	0.098	54.353	0.513	0.416	0.008	0.362	0.253	0.446	25.438		
67	3/6/2001 0:00	1.073	3.638	0.338	0.098	54.308	0.513	0.432	0.008	0.376	0.257	0.46	25.527		
68	3/7/2001 0:00	1.111	3.708	0.344	0.098	54.263	0.513	0.448	0.008	0.39	0.261	0.474	25.616		
69	3/8/2001 0:00	1.149	3.778	0.35	0.098	54.218	0.513	0.464	0.008	0.404	0.265	0.488	25.705		
70	3/9/2001 0:00	1.187	3.848	0.356	0.098	54.173	0.513	0.48	0.008	0.418	0.269	0.502	25.794		
71	3/10/2001 0:00	1.225	3.918	0.362	0.098	54.128	0.513	0.496	0.008	0.432	0.273	0.516	25.883		
72	3/11/2001 0:00	1.263	3.988	0.368	0.098	54.083	0.513	0.512	0.008	0.446	0.277	0.53	25.972		
73	3/12/2001 0:00	1.301	4.058	0.374	0.098	54.038	0.513	0.528	0.008	0.46	0.281	0.544	26.061		
74	3/13/2001 0:00	1.339	4.128	0.38	0.098	53.993	0.513	0.544	0.008	0.474	0.285	0.558	26.15		
75	3/14/2001 0:00	1.377	4.198	0.386	0.098	53.948	0.513	0.56	0.008	0.488	0.289	0.572	26.239		
76	3/15/2001 0:00	1.415	4.268	0.392	0.098	53.903	0.513	0.576	0.008	0.502	0.293	0.586	26.328		
77	3/16/2001 0:00	1.453	4.338	0.398	0.098	53.858	0.513	0.592	0.						

Modification 1

535	0.823	3.2	0	0	36.657	26.02
534	0.255	3.159	0.001	0.001	22.483	25.913
534	0.07	3.113	0	0	18.641	25.106
533	0.018	3.061	0	0	18.721	25.05
533	0.005	3.005	0	0	19.871	25.055
532	0.001	2.945	0	0	21.173	24.477
531	0	2.881	0	0	22.38	24.67
531	0	2.814	0	0	23.439	25.05
.53	0	2.744	0	0	24.348	25.45
.53	0	2.671	0	0	25.117	24.988
529	0	2.596	0	0	25.761	24.85
529	0	2.519	0	0	26.29	24.734
528	0.003	2.44	0.003	0.004	26.718	24.671
528	0.003	2.359	0	0	27.054	24.169



Format Data Series

Series Options

Marker Options

Marker Fill

Line Color

Line Style

Marker Line Color

Marker Line Style

Shadow

Glow and Soft Edges

3-D Format

Series Options

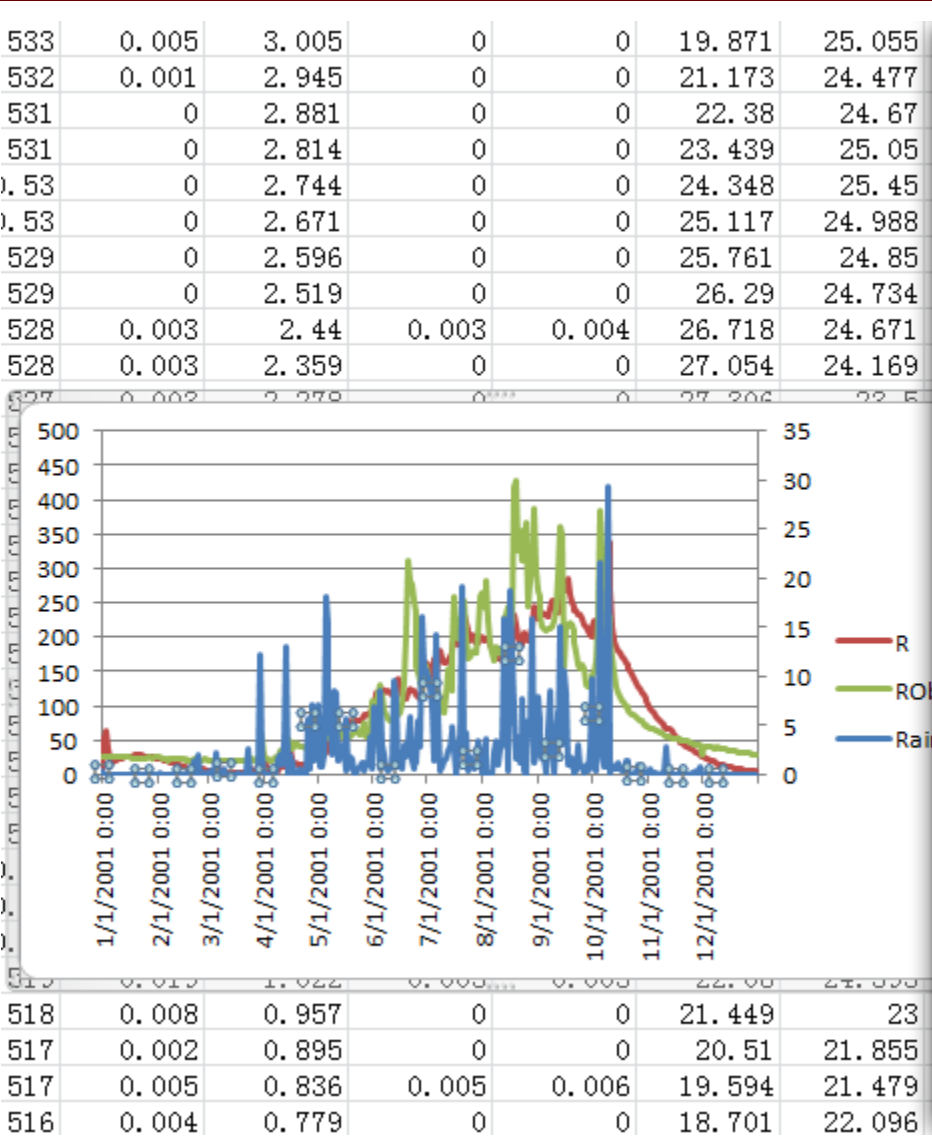
Plot Series On

Primary Axis

Secondary Axis

Close

Modification 2



Format Data Series

Series Options

Marker Options

Marker Fill

Line Color

Line Style

Marker Line Color

Marker Line Style

Shadow

Glow and Soft Edges

3-D Format

Plot Series On

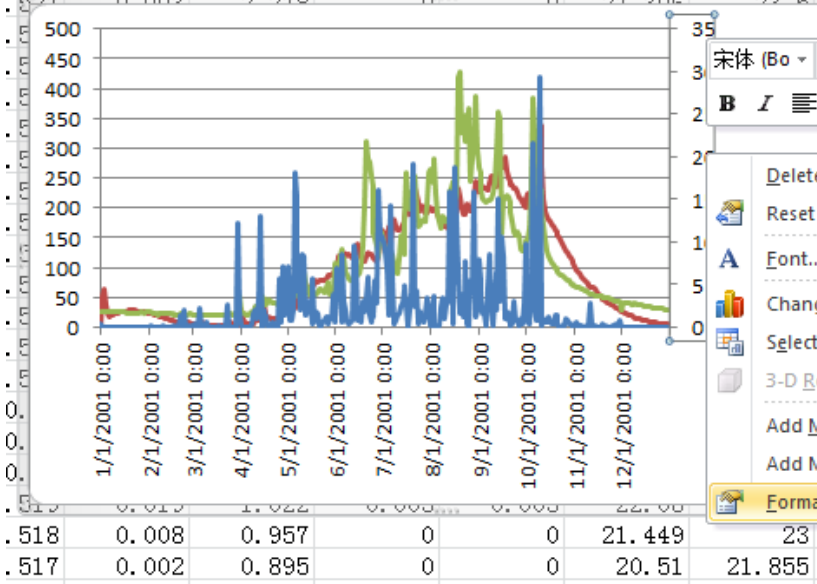
Primary Axis

Secondary Axis

Close

Modification 3

.534	0.07	3.113	0	0	18.641	25.106
.533	0.018	3.061	0	0	18.721	25.05
.533	0.005	3.005	0	0	19.871	25.055
.532	0.001	2.945	0	0	21.173	24.477
.531	0	2.881	0	0	22.38	24.67
.531	0	2.814	0	0	23.439	25.05
0.53	0	2.744	0	0	24.348	25.45
0.53	0	2.671	0	0	25.117	24.988
.529	0	2.596	0	0	25.761	24.85
.529	0	2.519	0	0	26.29	24.734
.528	0.003	2.44	0.003	0.004	26.718	24.671
.528	0.003	2.359	0	0	27.054	24.169



Format Axis

Axis Options

Number

Fill

Line Color

Line Style

Shadow

Glow and Soft Edges

3-D Format

Alignment

Axis Options

Minimum: Auto Fixed 0.0

Maximum: Auto Fixed 35.0

Major unit: Auto Fixed 5.0

Minor unit: Auto Fixed 1.0

Values in reverse order

Logarithmic scale Base: 10

Display units: None

Show display units label on chart

Major tick mark type: Outside

Minor tick mark type: None

Axis labels: Next to Axis

Horizontal axis crosses:

Automatic

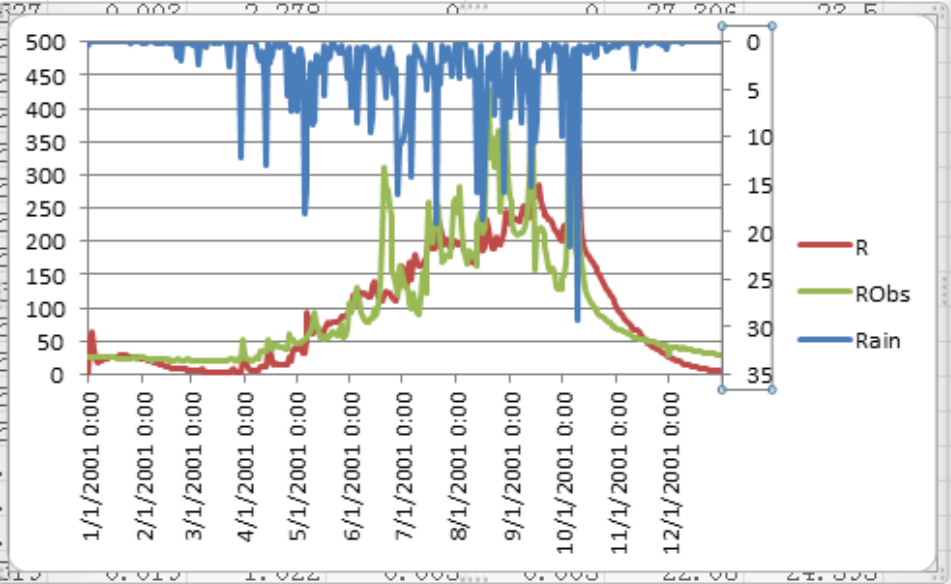
Axis value: 0.0

Maximum axis value

Close

Modification 4

533	0.010	3.001	0	0	19.121	23.00
533	0.005	3.005	0	0	19.871	25.055
532	0.001	2.945	0	0	21.173	24.477
531	0	2.881	0	0	22.38	24.67
531	0	2.814	0	0	23.439	25.05
53	0	2.744	0	0	24.348	25.45
53	0	2.671	0	0	25.117	24.988
529	0	2.596	0	0	25.761	24.85
529	0	2.519	0	0	26.29	24.734
528	0.003	2.44	0.003	0.004	26.718	24.671
528	0.003	2.359	0	0	27.054	24.169



518	0.008	0.957	0	0	21.449	23
517	0.002	0.895	0	0	20.51	21.855
517	0.005	0.836	0.005	0.006	19.594	21.479
516	0.004	0.779	0	0	18.701	22.096
515	0.004	0.725	0	0	18.108	22.479

Format Axis

Axis Options

Number

Fill

Line Color

Line Style

Shadow

Glow and Soft Edges

3-D Format

Alignment

Axis Options

Minimum: Auto Fixed

Maximum: Auto Fixed

Major unit: Auto Fixed

Minor unit: Auto Fixed

Values in reverse order

Logarithmic scale Base:

Display units:

Show display units label on chart

Major tick mark type:

Minor tick mark type:

Axis labels:

Horizontal axis crosses:

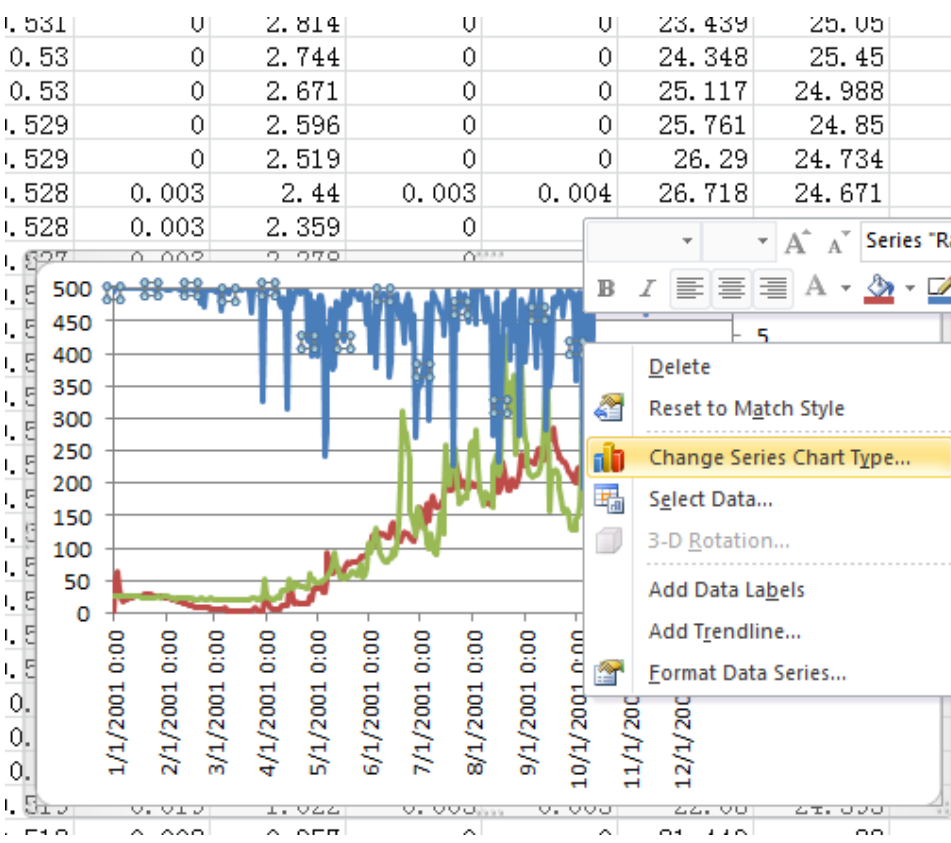
Automatic

Axis value:

Maximum axis value

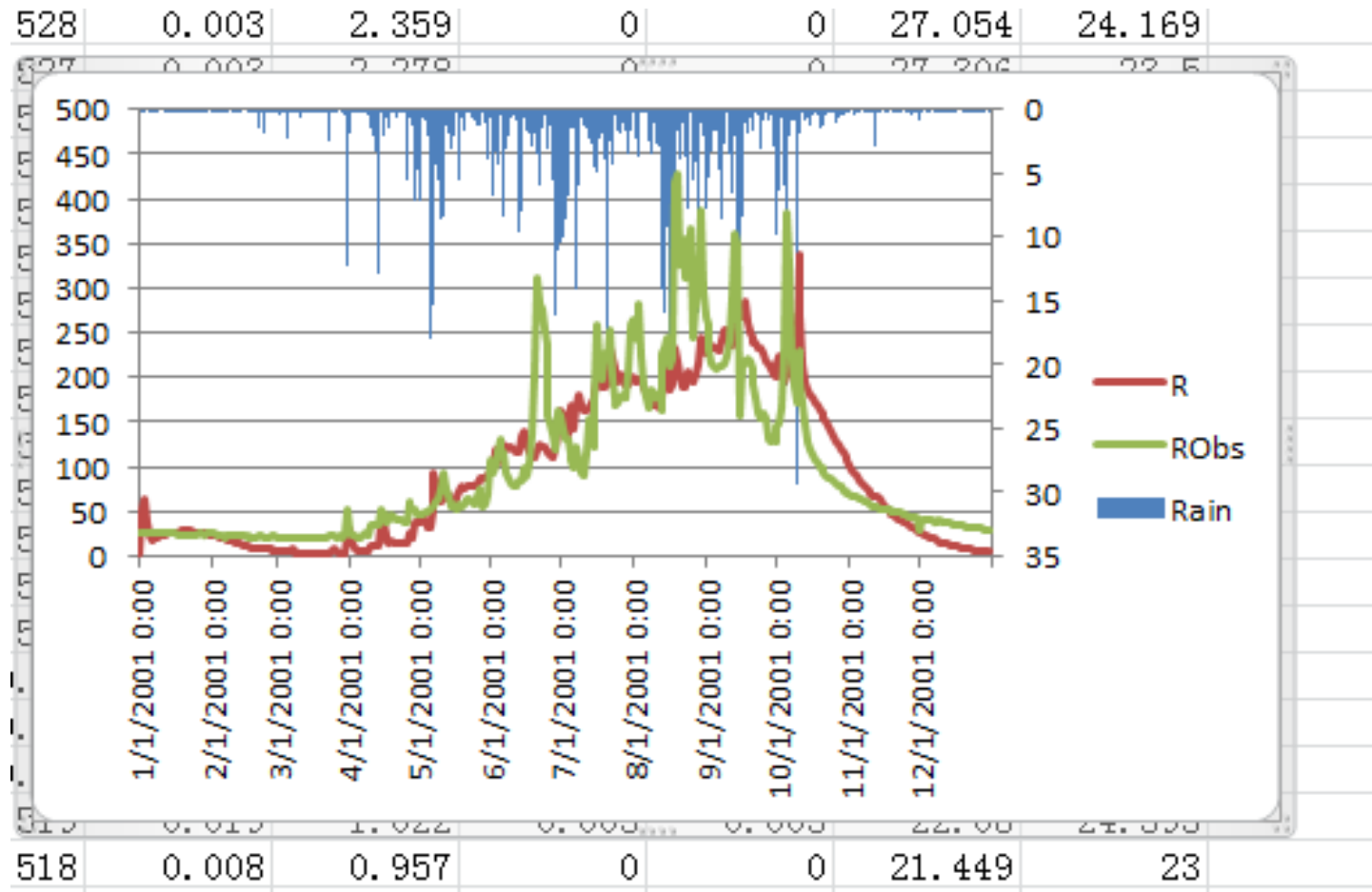
Close

Modification 5



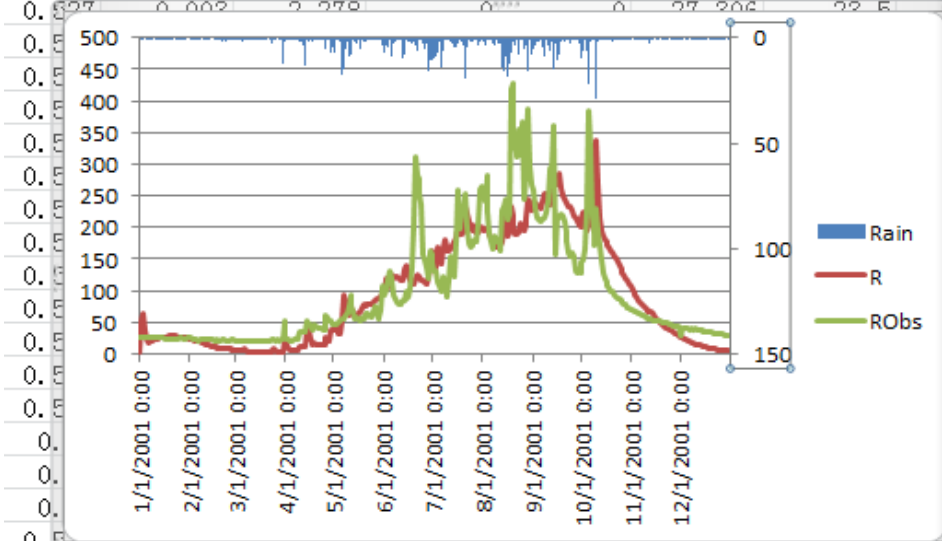
The 'Change Chart Type' dialog box is open, showing a list of chart types on the left and a grid of chart style thumbnails on the right. The 'Column' category is selected, and the first thumbnail in the grid is highlighted. The dialog also includes buttons for 'Manage Templates...', 'Set as Default Chart', and 'OK'.

Modification 6



Modification 7

0.534	0.255	3.159	0.001	0.001	22.483	25.913
0.534	0.07	3.113	0	0	18.641	25.106
0.533	0.018	3.061	0	0	18.721	25.05
0.533	0.005	3.005	0	0	19.871	25.055
0.532	0.001	2.945	0	0	21.173	24.477
0.531	0	2.881	0	0	22.38	24.67
0.531	0	2.814	0	0	23.439	25.05
0.53	0	2.744	0	0	24.348	25.45
0.53	0	2.671	0	0	25.117	24.988
0.529	0	2.596	0	0	25.761	24.85
0.529	0	2.519	0	0	26.29	24.734
0.528	0.003	2.44	0.003	0.004	26.718	24.671
0.528	0.003	2.359	0	0	27.054	24.169



0.518	0.008	0.957	0	0	21.449	23
0.517	0.002	0.895	0	0	20.51	21.855
0.517	0.005	0.836	0.005	0.006	19.594	21.479
0.516	0.004	0.779	0	0	18.701	22.096
0.515	0.004	0.725	0	0	18.108	22.479

Format Axis [?] [X]

Axis Options

Number

Fill

Line Color

Line Style

Shadow

Glow and Soft Edges

3-D Format

Alignment

Axis Options

Minimum: Auto Fixed

Maximum: Auto Fixed

Major unit: Auto Fixed

Minor unit: Auto Fixed

Values in reverse order

Logarithmic scale Base:

Display units: [v]

Show display units label on chart

Major tick mark type: [v]

Minor tick mark type: [v]

Axis labels: [v]

Horizontal axis crosses:

Automatic

Axis value:

Maximum axis value

[Close]

Final

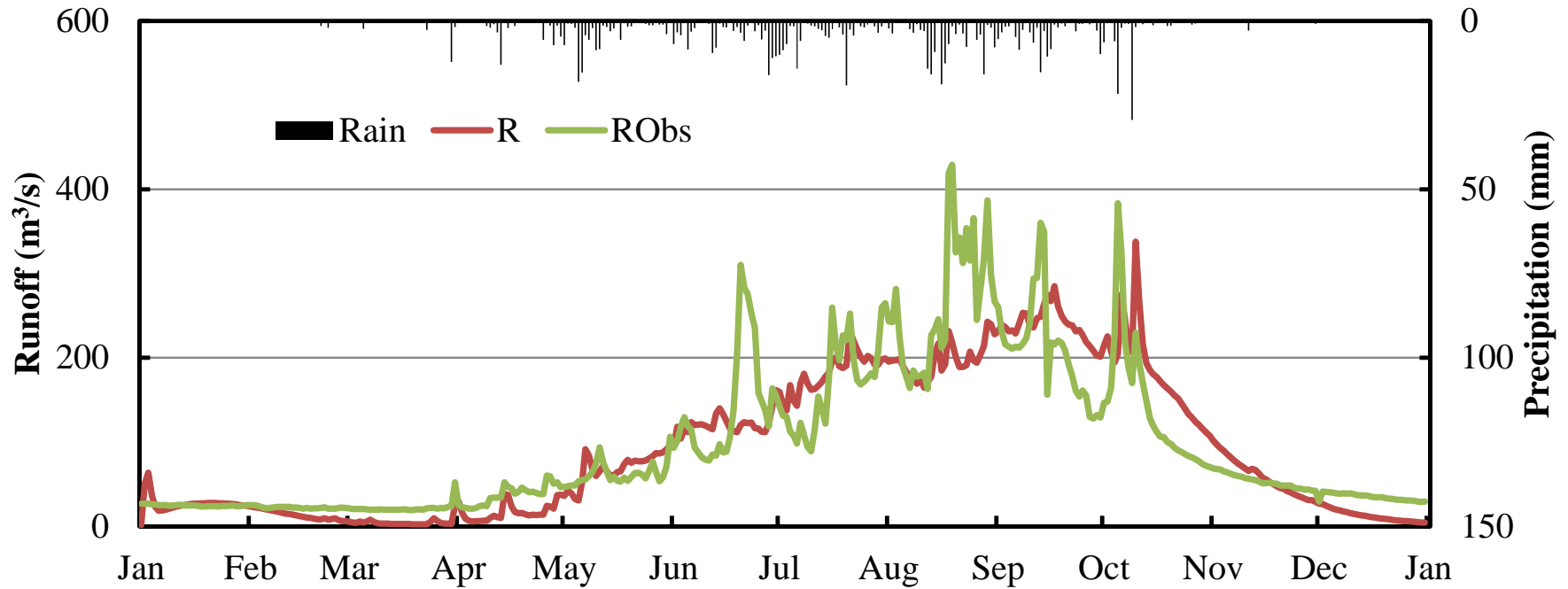
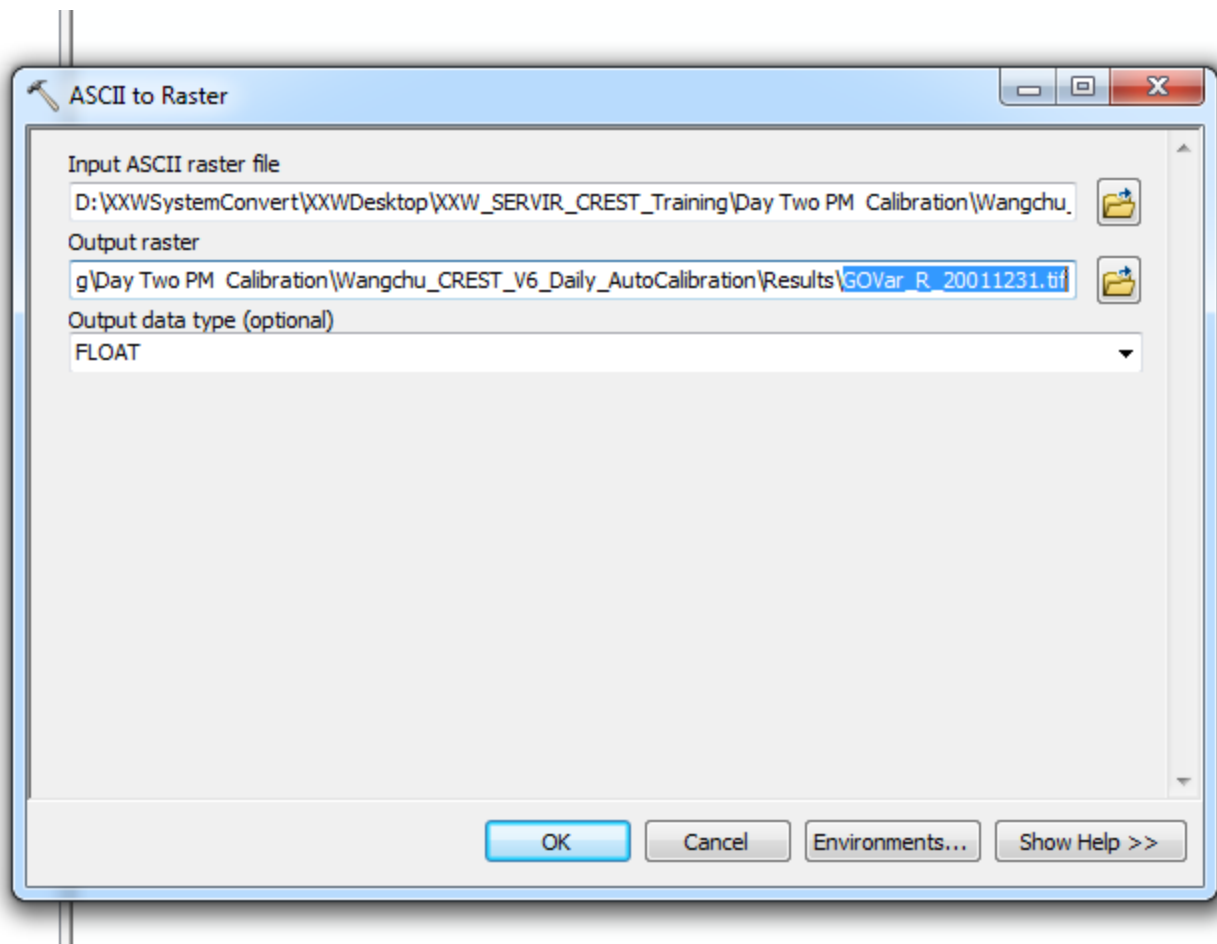


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- Analysis Tools
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 - Metadata
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 - To Coverage
 - To dBASE
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 - To KML
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Configure the Color Ramp

The screenshot shows a GIS software interface. On the left, a 'Layers' panel is visible with a checked layer named 'GOVar_R_20011231'. Below the layer name, a vertical color bar is shown with 'High : 12.1193' at the top and 'Low : 1.63582e-006' at the bottom. To the right of the layers panel is a tree view containing several 3D analysis tools. In the foreground, a 'Select Color Ramp' dialog box is open. It features a 'Color Ramp' dropdown menu showing a rainbow gradient, a checked 'Invert' checkbox, and 'OK' and 'Cancel' buttons.

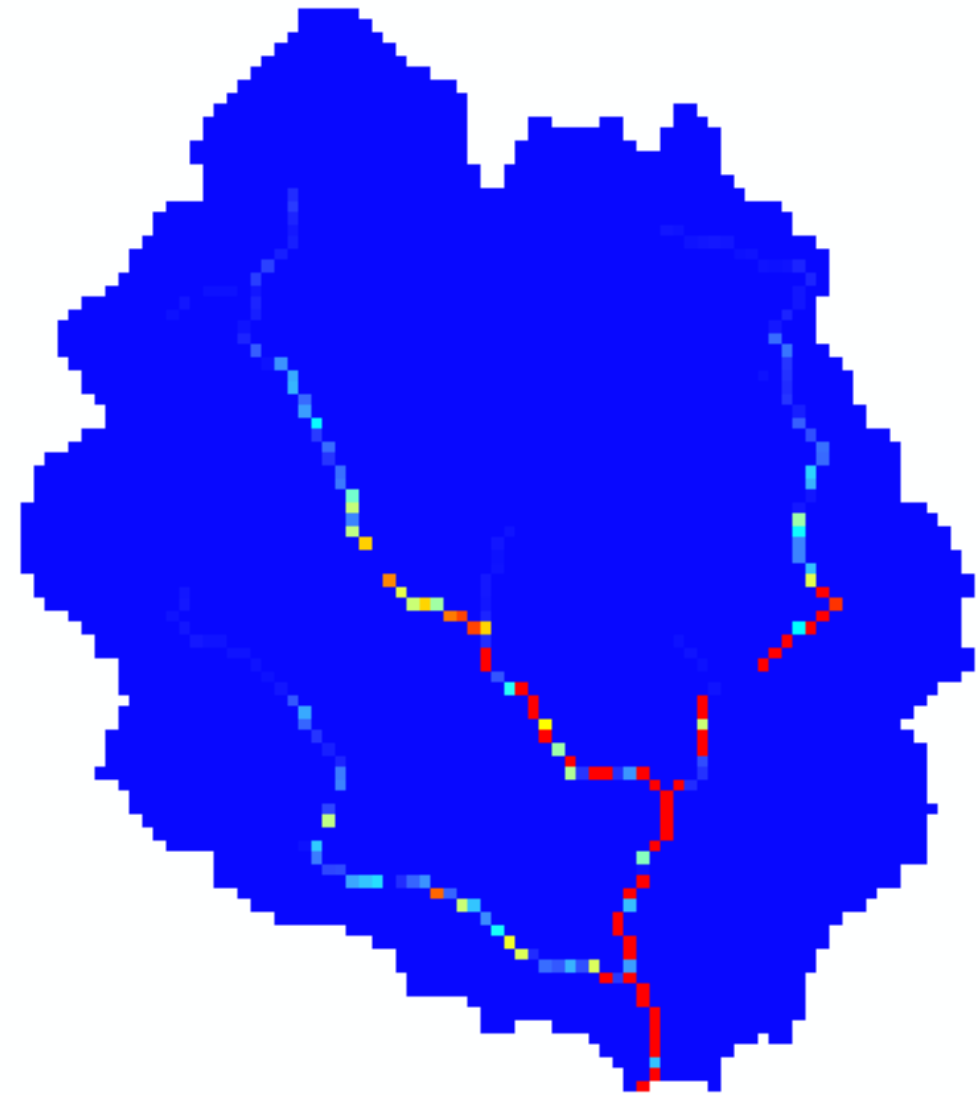
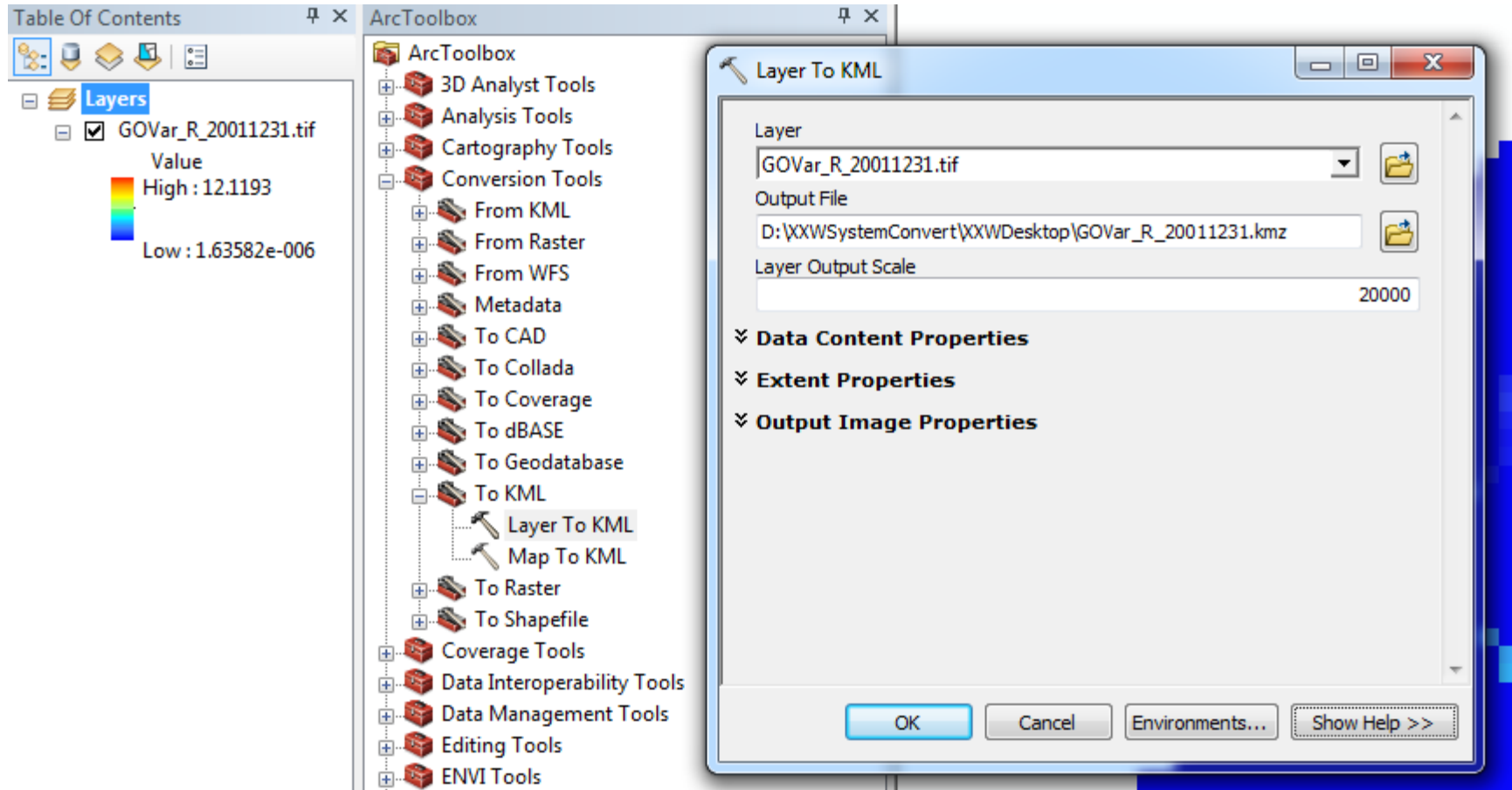


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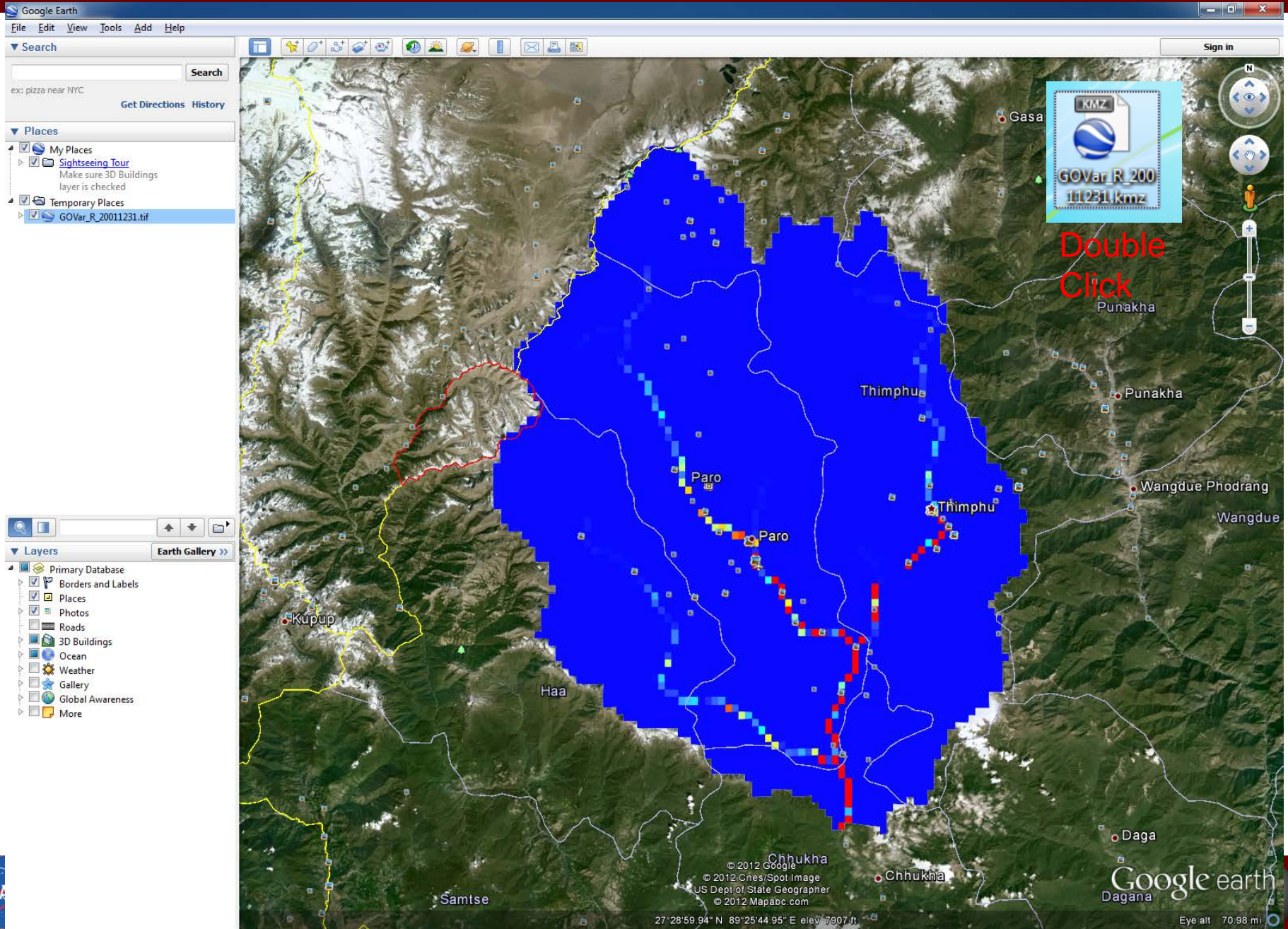
- Display Time Series Data
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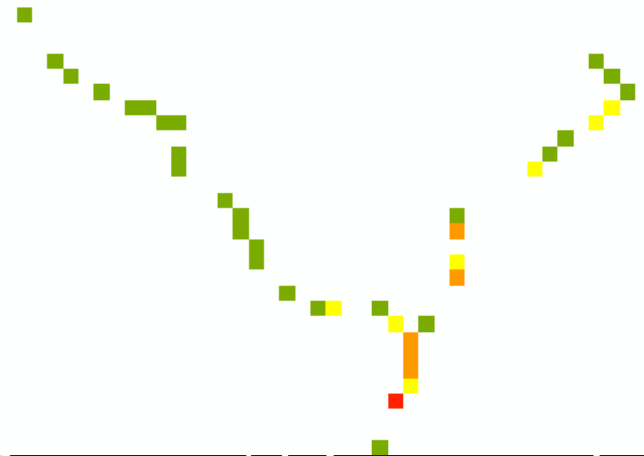
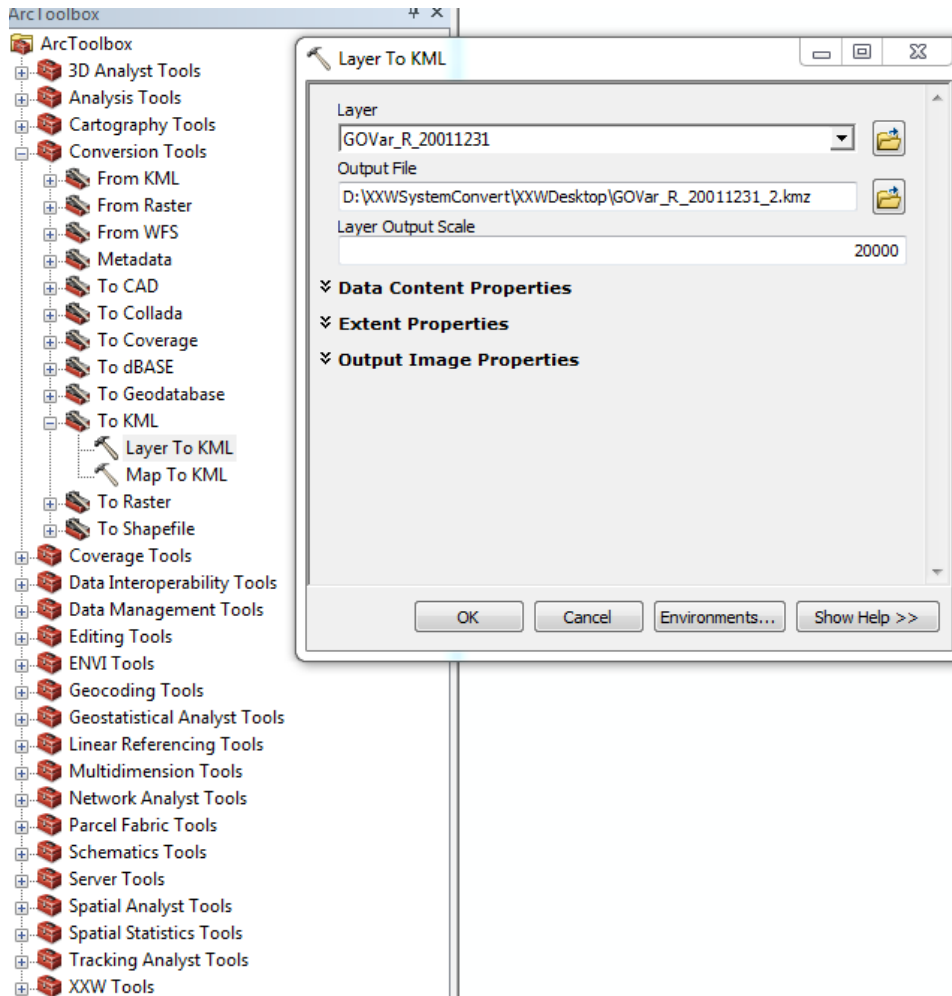
Convert from Layer to KML file



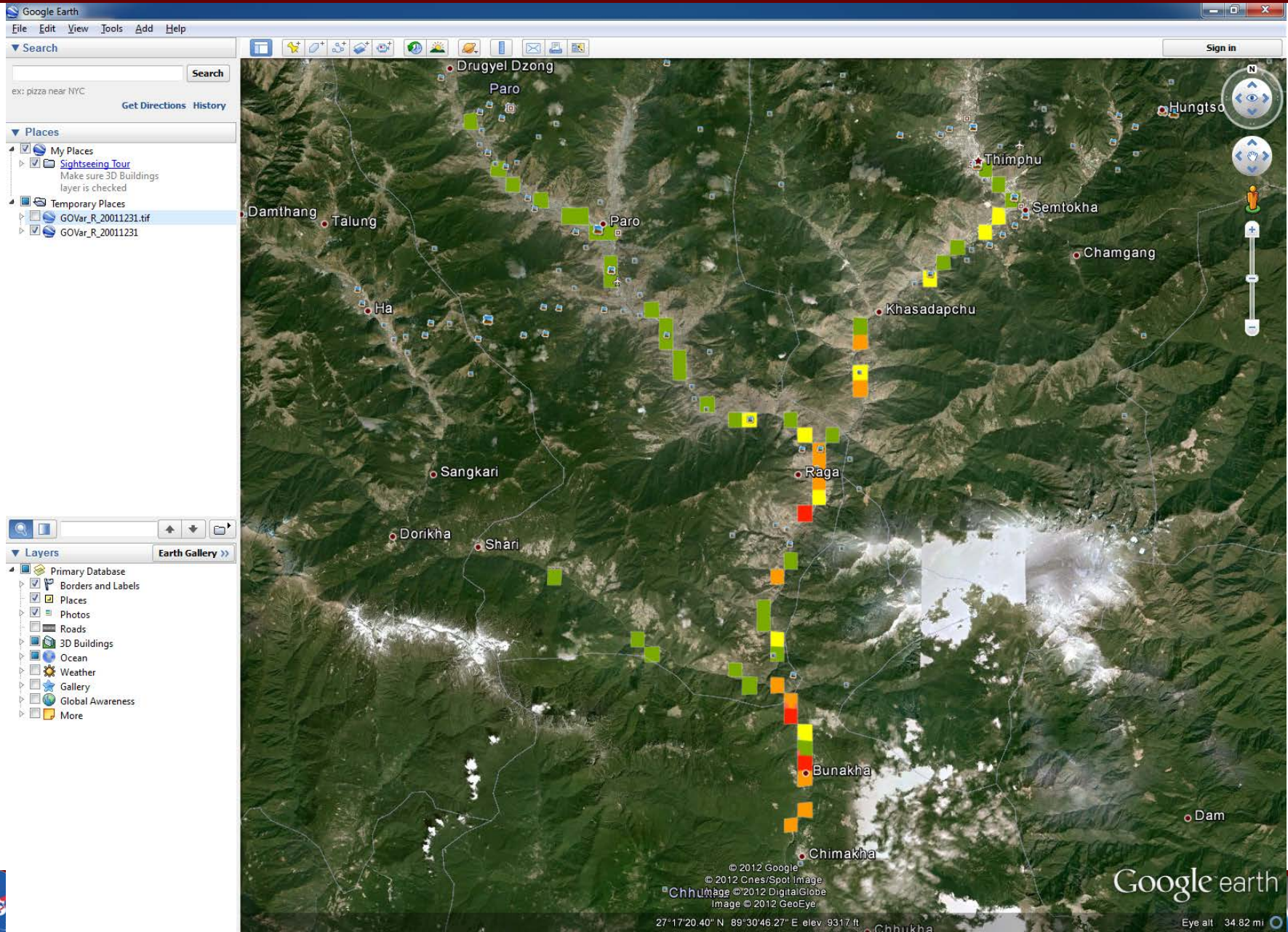
Display in Google Earth



Use another style



Display in Google Earth



Thank you very much for your attention!

