

Dusty Mac
824027

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15-JUL-88

A PROGRAM IN THE Q'GAS SYSTEM TO CALCULATE
CORRELATION COEFFICIENTS AND DISPLAY X-Y PLOTS

Version 5.0.3

March 1986

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DATA TITLE: 1988 DMLITHO: TRACE ELEMENTS AND AU-FIRE (PPB)

THE FOLLOWING VARIABLES ARE IN THE DATA SET:

AG	AL	AS	B	BA	BE	BI	CA	CD	CO
CU	FE	K	LI	MG	MN	MO	NA	NI	P
PB	SB	SR	TH	U	V	ZN	GA	SN	W
CR	AU (PPB)								

1988 DMLITHO: TRACE ELEMENTS AND AU-FIRE (PPB)

CORRELATION MATRIX: (99.0 INDICATES COEFFICIENT COULD NOT BE CALCULATED)

	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE	K	LI	MG
AG	1.000	0.334	-0.138	0.217	0.668	-0.068	0.188	0.149	0.403	-0.145	0.799	-0.135	0.738	-0.019	-0.018
AL	0.334	1.000	0.065	0.238	0.357	-0.214	0.614	-0.098	0.666	0.691	0.309	0.738	0.565	0.823	0.806
AS	-0.138	0.065	1.000	-0.132	-0.083	-0.172	-0.135	-0.255	0.504	-0.073	-0.168	0.190	0.002	0.091	-0.022
B	0.217	0.238	-0.132	1.000	0.290	-0.145	0.190	-0.070	0.106	0.121	0.296	0.158	0.348	0.112	0.147
BA	0.668	0.357	-0.083	0.290	1.000	-0.117	0.316	0.050	0.272	-0.084	0.579	0.059	0.771	-0.051	-0.026
BE	-0.068	-0.214	-0.172	-0.145	-0.117	1.000	-0.223	0.844	-0.166	-0.207	-0.065	-0.266	-0.187	-0.172	-0.130
BI	0.188	0.614	-0.135	0.190	0.316	-0.223	1.000	-0.212	0.303	0.623	0.250	0.519	0.294	0.446	0.462
CA	0.149	-0.098	-0.255	-0.070	0.050	0.844	-0.212	1.000	-0.065	-0.255	0.146	-0.304	0.020	-0.158	-0.089
CD	0.403	0.666	0.504	0.106	0.272	-0.166	0.303	-0.065	1.000	0.350	0.487	0.425	0.433	0.568	0.568
CO	-0.145	0.691	-0.073	0.121	-0.084	-0.207	0.623	-0.255	0.350	1.000	-0.073	0.763	-0.019	0.815	0.814
CU	0.799	0.309	-0.168	0.296	0.579	-0.065	0.250	0.146	0.487	-0.073	1.000	-0.120	0.603	0.012	0.052
FE	-0.135	0.738	0.190	0.158	0.059	-0.266	0.519	-0.304	0.425	0.763	-0.120	1.000	0.142	0.765	0.742
K	0.738	0.565	0.002	0.348	0.771	-0.187	0.294	0.020	0.433	-0.019	0.603	0.142	1.000	0.067	0.082


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17-JUL-88

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A PROGRAM IN THE Q'GAS SYSTEM TO CALCULATE CORRELATION COEFFICIENTS AND DISPLAY X-Y PLOTS

Version 5.0.3 March 1986

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A PROGRAM IN THE Q'GAS SYSTEM TO CALCULATE CORRELATION COEFFICIENTS AND DISPLAY X-Y PLOTS

Version 5.0.3 March 1986

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DATA TITLE: DMDRL-L

THE FOLLOWING VARIABLES ARE IN THE DATA SET:

AL203 BA CAO FE203 K20 M60 MN02 NA20 P205 S102
SR T102 ZR S TOT(%)

DMDRL-L
CORRELATION MATRIX: (99.0 INDICATES COEFFICIENT COULD NOT BE CALCULATED)

	AL203	BA	CAO	FE203	K20	M60	MN02	NA20	P205	S102	SR	T102	ZR	S	TOT(%)
AL203	1.000	0.749	-0.260	0.196	0.543	-0.116	0.073	0.111	0.297	-0.536	0.676	0.360	0.515	0.603	0.040
BA	0.749	1.000	-0.321	0.115	0.592	-0.207	-0.140	0.180	0.225	-0.471	0.694	0.179	0.404	0.726	-0.022
CAO	-0.260	-0.321	1.000	0.229	-0.413	0.582	0.163	-0.312	0.420	-0.357	-0.197	0.243	-0.205	0.133	-0.577
FE203	0.196	0.115	0.229	1.000	0.067	0.736	0.422	-0.661	0.928	-0.731	0.086	0.913	0.619	-0.051	-0.310
K20	0.543	0.592	-0.413	0.067	1.000	-0.176	-0.236	-0.168	-0.061	-0.422	0.388	0.149	0.220	0.686	-0.059
M60	-0.116	-0.207	0.582	0.736	-0.176	1.000	0.457	-0.620	0.894	-0.599	-0.038	0.725	0.260	-0.146	-0.430
MN02	0.073	-0.140	0.163	0.422	-0.236	0.457	1.000	0.024	0.487	-0.210	0.084	0.474	0.298	-0.365	0.102
NA20	0.111	0.180	-0.312	-0.661	-0.168	-0.620	0.024	1.000	-0.601	0.476	0.298	-0.627	-0.166	-0.237	0.393
P205	0.297	0.225	0.420	0.928	-0.061	0.894	0.487	-0.601	1.000	-0.753	0.186	0.951	0.543	0.034	-0.473
S102	-0.536	-0.471	-0.357	-0.731	-0.422	-0.599	-0.210	0.476	-0.753	1.000	-0.419	-0.775	-0.413	-0.548	0.621
SR	0.676	0.694	-0.197	0.086	0.388	-0.038	0.084	0.298	0.186	-0.419	1.000	0.140	0.245	0.533	-0.034
T102	0.360	0.179	0.243	0.913	0.149	0.725	0.474	-0.627	0.951	-0.775	0.140	1.000	0.589	0.092	-0.308
ZR	0.515	0.404	-0.205	0.619	0.220	0.260	0.298	-0.166	0.543	-0.413	0.245	0.589	1.000	0.010	0.322
S	0.603	0.726	0.133	-0.051	0.686	-0.146	-0.365	-0.237	0.034	-0.548	0.533	0.092	0.010	1.000	-0.273
TOT(%)	0.040	-0.022	-0.577	-0.310	-0.059	-0.430	0.102	0.393	-0.473	0.621	-0.034	-0.308	0.322	-0.273	1.000

DMDRL-L
NUMBER OF SAMPLES PER VARIABLE PAIR

	AL203	BA	CAO	FE203	K20	M60	MN02	NA20	P205	S102	SR	T102	ZR	S	TOT(%)
AL203	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
BA	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
CAO	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
FE203	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
K20	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
M60	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
MN02	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
NA20	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
P205	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
S102	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
SR	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
T102	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
ZR	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35
S	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
TOT(%)	35	35	35	35	35	35	35	35	24	35	35	35	35	24	35

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17-JUL-88

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A PROGRAM IN THE Q'GAS SYSTEM TO PREPARE DATA FOR USE WITH OTHER Q'GAS PROGRAMS

Version 5.0.3 March 1986

(c) Copyright O.P. Lavin & Associates and Queen's University.

1988 DMLITHO: TRACE ELEMENTS AND AU-FIRE (PPB)

CORRELATION MATRIX: (99.0 INDICATES COEFFICIENT COULD NOT BE CALCULATED)

	MN	MO	NA	NI	P	PB	SB	SR	TH	U	V	ZN	GA	SN	W
AG	-0.063	-0.065	-0.004	-0.308	-0.210	0.845	-0.153	-0.033	-0.173	-0.208	-0.019	0.604	-0.364	0.022	-0.271
AL	0.405	-0.244	0.048	0.086	0.667	0.327	0.405	-0.218	0.222	-0.248	0.788	0.378	-0.183	0.468	0.128
AS	-0.267	0.083	-0.139	0.007	0.276	-0.175	0.174	-0.182	-0.033	0.174	0.212	-0.175	0.330	-0.092	0.052
B	-0.027	0.534	-0.088	0.078	0.083	0.353	0.019	-0.006	0.024	-0.131	0.229	0.230	-0.176	0.177	0.212
BA	-0.207	-0.057	0.023	-0.236	-0.016	0.632	-0.009	0.011	0.052	-0.287	0.075	0.382	-0.034	0.315	-0.164
BE	0.261	-0.088	-0.157	-0.074	-0.206	-0.082	-0.322	0.805	-0.107	-0.281	-0.230	-0.096	-0.080	-0.065	-0.392
BI	0.046	-0.141	0.048	-0.151	0.498	0.238	0.366	-0.130	0.287	-0.173	0.649	0.293	-0.196	0.842	0.279
CA	0.397	-0.137	-0.150	-0.185	-0.268	0.146	-0.378	0.630	-0.196	-0.402	-0.233	0.063	-0.251	-0.080	-0.475
CD	0.328	-0.122	-0.121	0.060	0.378	0.462	0.197	-0.160	-0.056	-0.122	0.524	0.641	-0.135	0.107	-0.065
CO	0.496	-0.091	0.059	0.475	0.736	-0.113	0.446	-0.213	0.366	-0.013	0.804	0.139	0.034	0.502	0.341
CU	0.089	-0.087	0.000	-0.290	-0.222	0.981	-0.251	0.187	-0.187	-0.206	-0.019	0.830	-0.447	-0.014	-0.227
FE	0.277	0.015	0.124	0.234	0.941	-0.150	0.462	-0.269	0.541	0.108	0.849	0.001	0.276	0.374	0.291
K	-0.110	-0.074	0.000	-0.254	0.104	0.684	0.038	-0.171	0.055	-0.263	0.206	0.447	-0.231	0.255	-0.209
LI	0.582	-0.190	-0.074	0.378	0.701	-0.010	0.455	-0.193	0.207	-0.146	0.812	0.199	-0.063	0.303	0.271
MG	0.676	-0.183	-0.074	0.398	0.660	0.030	0.388	-0.161	0.207	-0.192	0.790	0.283	-0.075	0.323	0.219
MN	1.000	-0.245	-0.066	0.297	0.208	0.043	0.014	0.163	-0.091	-0.319	0.294	0.363	-0.312	-0.022	-0.197
MO	-0.245	1.000	-0.115	-0.024	-0.012	-0.093	0.109	-0.113	0.020	0.297	-0.013	-0.099	0.229	-0.096	-0.009
NA	-0.066	-0.115	1.000	-0.108	0.071	-0.001	0.050	-0.093	0.101	0.166	-0.006	-0.014	0.095	-0.054	0.010
NI	0.297	-0.024	-0.108	1.000	0.221	-0.305	0.178	-0.144	0.110	0.169	0.220	-0.162	0.315	-0.055	0.162
P	0.208	-0.012	0.071	0.221	1.000	-0.244	0.473	-0.237	0.477	0.084	0.843	-0.113	0.309	0.417	0.306
PB	0.043	-0.093	-0.001	-0.305	-0.244	1.000	-0.226	0.159	-0.190	-0.257	-0.023	0.791	-0.468	0.007	-0.211
SB	0.014	0.109	0.050	0.178	0.473	-0.226	1.000	-0.391	0.217	0.056	0.462	-0.124	0.103	0.377	0.259
SR	0.163	-0.113	-0.093	-0.144	-0.237	0.159	-0.391	1.000	-0.138	-0.398	-0.257	0.035	-0.168	-0.061	-0.352
TH	-0.091	0.020	0.101	0.110	0.477	-0.190	0.217	-0.138	1.000	0.167	0.281	-0.195	0.340	0.144	0.275
U	-0.319	0.297	0.166	0.169	0.084	-0.257	0.056	-0.398	0.167	1.000	-0.036	-0.209	0.579	-0.362	0.210
V	0.294	-0.013	-0.006	0.220	0.843	-0.023	0.462	-0.257	0.281	-0.036	1.000	0.105	0.098	0.562	0.353
ZN	0.363	-0.099	-0.014	-0.162	-0.113	0.791	-0.124	0.035	-0.195	-0.209	0.105	1.000	-0.484	0.012	-0.164
GA	-0.312	0.229	0.095	0.315	0.309	-0.468	0.103	-0.168	0.340	0.579	0.098	-0.484	1.000	-0.141	0.136
SN	-0.022	-0.096	-0.054	-0.055	0.417	0.007	0.377	-0.061	0.144	-0.362	0.562	0.012	-0.141	1.000	0.148
W	-0.197	-0.009	0.010	0.162	0.306	-0.211	0.259	-0.352	0.275	0.210	0.353	-0.164	0.136	0.148	1.000
CR	-0.285	0.055	-0.110	0.059	-0.577	0.190	-0.056	-0.066	-0.453	-0.011	-0.324	0.093	-0.256	-0.138	0.217
AU (PPB)	-0.072	-0.074	-0.109	-0.169	-0.303	0.336	-0.193	-0.059	-0.206	-0.142	-0.167	0.219	-0.310	-0.060	-0.166

THE FOLLOWING VARIABLES ARE IN THE DATA SET:

AG	AL	AS	B	BA	BE	BI	CA	CD	CO
CU	FE	K	LI	MG	MN	MO	NA	NI	F
PB	SB	SR	TH	U	V	ZN	GA	SN	W
CR	AU(PFB)								

1988 DMLITHD: TRACE ELEMENTS AND AU-FIRE(PFB)

CORRELATION MATRIX: (99.0 INDICATES COEFFICIENT COULD NOT BE CALCULATED)

	AG	AL	AS	B	BA	BE	BI	CA	CD	CO	CU	FE	K	LI	MG
AG	1.000	0.334	-0.138	0.217	0.668	-0.068	0.188	0.149	0.403	-0.145	0.799	-0.135	0.738	-0.019	-0.018
AL	0.334	1.000	0.065	0.238	0.357	-0.214	0.614	-0.098	0.666	0.691	0.309	0.738	0.565	0.823	0.806
AS	-0.138	0.065	1.000	-0.132	-0.083	-0.172	-0.135	-0.255	0.504	-0.073	-0.168	0.190	0.002	0.091	-0.022
B	0.217	0.238	-0.132	1.000	0.290	-0.145	0.190	-0.070	0.106	0.121	0.296	0.158	0.348	0.112	0.147
BA	0.668	0.357	-0.083	0.290	1.000	-0.117	0.316	0.050	0.272	-0.084	0.579	0.059	0.771	-0.051	-0.026
BE	-0.068	-0.214	-0.172	-0.145	-0.117	1.000	-0.223	0.844	-0.166	-0.207	-0.065	-0.266	-0.187	-0.172	-0.130
BI	0.188	0.614	-0.135	0.190	0.316	-0.223	1.000	-0.212	0.303	0.623	0.250	0.519	0.294	0.446	0.462
CA	0.149	-0.098	-0.255	-0.070	0.050	0.844	-0.212	1.000	-0.065	-0.255	0.146	-0.304	0.020	-0.158	-0.089
CD	0.403	0.666	0.504	0.106	0.272	-0.166	0.303	-0.065	1.000	0.350	0.487	0.425	0.433	0.568	0.568
CO	-0.145	0.691	-0.073	0.121	-0.084	-0.207	0.623	-0.255	0.350	1.000	-0.073	0.763	-0.019	0.815	0.814
CU	0.799	0.309	-0.168	0.296	0.579	-0.065	0.250	0.146	0.487	-0.073	1.000	-0.120	0.603	0.012	0.052
FE	-0.135	0.738	0.190	0.158	0.059	-0.266	0.519	-0.304	0.425	0.763	-0.120	1.000	0.142	0.765	0.742
K	0.738	0.565	0.002	0.348	0.771	-0.187	0.294	0.020	0.433	-0.019	0.603	0.142	1.000	0.067	0.082

LI	-0.019	0.823	0.091	0.112	-0.051	-0.172	0.446	-0.158	0.568	0.815	0.012	0.765	0.067	1.000	0.964
MG	-0.018	0.806	-0.022	0.147	-0.026	-0.130	0.462	-0.089	0.568	0.814	0.052	0.742	0.082	0.964	1.000
MN	-0.063	0.405	-0.267	-0.027	-0.207	0.261	0.046	0.397	0.328	0.496	0.089	0.277	-0.110	0.582	0.676
MO	-0.065	-0.244	0.083	0.534	-0.057	-0.088	-0.141	-0.137	-0.122	-0.091	-0.087	0.015	-0.074	-0.190	-0.183
NA	-0.004	0.048	-0.139	-0.088	0.023	-0.157	0.048	-0.150	-0.121	0.059	0.000	0.124	0.000	-0.074	-0.074
NI	-0.308	0.086	0.007	0.078	-0.236	-0.074	-0.151	-0.185	0.060	0.475	-0.290	0.234	-0.254	0.378	0.398
P	-0.210	0.667	0.276	0.083	-0.016	-0.206	0.498	-0.268	0.378	0.736	-0.222	0.941	0.104	0.701	0.660
PB	-0.845	0.327	-0.175	0.353	0.632	-0.082	0.238	0.146	0.462	-0.113	0.981	-0.150	0.684	-0.010	0.030
SB	-0.153	0.405	0.174	0.019	-0.009	-0.322	0.366	-0.378	0.197	0.446	-0.251	0.462	0.038	0.455	0.388
SR	-0.033	-0.218	-0.182	-0.006	0.011	0.805	-0.130	0.630	-0.160	-0.213	0.187	-0.269	-0.171	-0.193	-0.161
TH	-0.173	0.222	-0.033	0.024	0.052	-0.107	0.287	-0.196	-0.056	0.366	-0.187	0.541	0.055	0.207	0.207
U	-0.208	-0.248	0.174	-0.131	-0.287	-0.281	-0.173	-0.402	-0.122	-0.013	-0.206	0.108	-0.263	-0.146	-0.192
V	-0.019	0.788	0.212	0.229	0.075	-0.230	0.649	-0.233	0.524	0.804	-0.019	0.849	0.206	0.812	0.790
ZN	0.604	0.378	-0.175	0.230	0.382	-0.096	0.293	0.063	0.641	0.139	0.830	0.001	0.447	0.199	0.283
GA	-0.364	-0.183	0.330	-0.176	-0.034	-0.080	-0.196	-0.251	-0.135	0.034	-0.447	0.276	-0.231	-0.063	-0.075
SN	0.022	0.468	-0.092	0.177	0.315	-0.065	0.842	-0.080	0.107	0.502	-0.014	0.374	0.255	0.303	0.323
W	-0.271	0.128	0.052	0.212	-0.164	-0.392	0.279	-0.475	-0.065	0.341	-0.227	0.291	-0.209	0.271	0.219
CR	0.119	-0.401	-0.083	0.164	-0.082	-0.247	-0.147	-0.251	-0.178	-0.300	0.138	-0.597	-0.172	-0.307	-0.298
AU (FPB)	0.613	-0.002	-0.115	-0.023	0.194	-0.007	-0.022	0.093	0.068	-0.142	0.297	-0.254	0.179	-0.065	-0.123

