table 1: Summary of Pearson correlations across species for cld

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.041 | -0.098 | 0.141 | 9.000 | 0.000 | 0.055 | -0.254 | 0.266 | 8.000 | 0.000 |
| prev.may | -0.229 | -0.416 | -0.043 | 0.000 | 10.000 | -0.244 | -0.500 | 0.019 | 1.000 | 3.000 |
| prev.jun | -0.102 | -0.289 | 0.098 | 3.000 | 2.000 | -0.048 | -0.367 | 0.292 | 6.000 | 0.000 |
| prev.jul | -0.146 | -0.300 | 0.001 | 1.000 | 5.000 | 0.003 | -0.324 | 0.209 | 7.000 | 2.000 |
| prev.aug | 0.073 | -0.086 | 0.251 | 11.000 | 2.000 | 0.069 | -0.136 | 0.274 | 8.000 | 0.000 |
| prev.sep | 0.026 | -0.083 | 0.145 | 9.000 | 0.000 | -0.002 | -0.397 | 0.250 | 6.000 | 1.000 |
| prev.oct | 0.060 | -0.231 | 0.268 | 11.000 | 2.000 | -0.220 | -0.475 | -0.016 | 0.000 | 4.000 |
| prev.nov | 0.133 | -0.298 | 0.285 | 13.000 | 5.000 | 0.170 | -0.217 | 0.432 | 11.000 | 2.000 |
| prev.dec | 0.096 | -0.067 | 0.184 | 12.000 | 1.000 | -0.069 | -0.489 | 0.164 | 4.000 | 2.000 |
| curr.jan | 0.008 | -0.176 | 0.135 | 6.000 | 1.000 | -0.121 | -0.407 | 0.122 | 3.000 | 2.000 |
| curr.feb | 0.045 | -0.085 | 0.131 | 12.000 | 0.000 | -0.030 | -0.182 | 0.095 | 6.000 | 0.000 |
| curr.mar | 0.139 | -0.107 | 0.348 | 13.000 | 2.000 | 0.111 | -0.071 | 0.331 | 11.000 | 0.000 |
| curr.apr | -0.047 | -0.189 | 0.238 | 4.000 | 2.000 | -0.121 | -0.403 | 0.069 | 2.000 | 0.000 |
| curr.may | 0.182 | -0.007 | 0.290 | 13.000 | 6.000 | 0.046 | -0.293 | 0.289 | 9.000 | 1.000 |
| curr.jun | 0.170 | 0.037 | 0.328 | 14.000 | 6.000 | 0.125 | -0.114 | 0.391 | 10.000 | 2.000 |
| curr.jul | 0.168 | -0.041 | 0.328 | 11.000 | 6.000 | 0.033 | -0.105 | 0.383 | 5.000 | 1.000 |
| curr.aug | 0.057 | -0.101 | 0.171 | 10.000 | 0.000 | -0.004 | -0.192 | 0.230 | 7.000 | 0.000 |

table 2: Summary of Pearson correlations across species for deficit

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | -0.021 | -0.111 | 0.106 | 4.000 | 0.000 | 0.030 | -0.217 | 0.354 | 7.000 | 1.000 |
| prev.may | 0.151 | -0.008 | 0.373 | 13.000 | 4.000 | 0.095 | -0.173 | 0.302 | 10.000 | 0.000 |
| prev.jun | 0.057 | -0.246 | 0.238 | 11.000 | 3.000 | -0.026 | -0.342 | 0.171 | 6.000 | 1.000 |
| prev.jul | 0.066 | -0.082 | 0.215 | 9.000 | 3.000 | -0.110 | -0.309 | 0.150 | 4.000 | 1.000 |
| prev.aug | -0.054 | -0.350 | 0.067 | 3.000 | 1.000 | 0.065 | -0.310 | 0.316 | 10.000 | 0.000 |
| prev.sep | -0.083 | -0.339 | 0.018 | 2.000 | 3.000 | -0.115 | -0.484 | 0.220 | 3.000 | 2.000 |
| prev.oct | 0.065 | -0.087 | 0.156 | 12.000 | 0.000 | 0.225 | -0.171 | 0.525 | 11.000 | 3.000 |
| prev.nov | -0.095 | -0.274 | 0.236 | 2.000 | 3.000 | -0.075 | -0.301 | 0.188 | 3.000 | 0.000 |
| prev.dec | -0.051 | -0.125 | 0.028 | 4.000 | 0.000 | 0.175 | -0.047 | 0.408 | 13.000 | 2.000 |
| curr.jan | 0.097 | -0.077 | 0.266 | 11.000 | 3.000 | 0.191 | -0.027 | 0.446 | 13.000 | 2.000 |
| curr.feb | -0.076 | -0.202 | 0.138 | 3.000 | 1.000 | -0.086 | -0.297 | 0.218 | 3.000 | 0.000 |
| curr.mar | -0.078 | -0.242 | 0.062 | 3.000 | 1.000 | -0.018 | -0.384 | 0.309 | 7.000 | 0.000 |
| curr.apr | 0.036 | -0.267 | 0.168 | 10.000 | 2.000 | -0.001 | -0.238 | 0.252 | 6.000 | 0.000 |
| curr.may | -0.188 | -0.339 | -0.049 | 0.000 | 7.000 | -0.137 | -0.331 | 0.354 | 3.000 | 0.000 |
| curr.jun | -0.146 | -0.275 | -0.048 | 0.000 | 5.000 | -0.071 | -0.219 | 0.180 | 2.000 | 0.000 |
| curr.jul | -0.183 | -0.422 | 0.037 | 1.000 | 7.000 | 0.022 | -0.221 | 0.282 | 9.000 | 1.000 |
| curr.aug | -0.173 | -0.305 | -0.036 | 0.000 | 7.000 | -0.143 | -0.406 | 0.233 | 2.000 | 2.000 |

table 3: Summary of Pearson correlations across species for dtr

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | -0.023 | -0.114 | 0.121 | 4.000 | 0.000 | -0.049 | -0.254 | 0.199 | 5.000 | 0.000 |
| prev.may | 0.164 | 0.061 | 0.357 | 14.000 | 5.000 | 0.152 | -0.100 | 0.539 | 10.000 | 1.000 |
| prev.jun | 0.059 | -0.062 | 0.205 | 11.000 | 1.000 | -0.112 | -0.265 | 0.002 | 2.000 | 0.000 |
| prev.jul | 0.047 | -0.131 | 0.180 | 11.000 | 0.000 | -0.142 | -0.393 | 0.072 | 1.000 | 2.000 |
| prev.aug | -0.044 | -0.270 | 0.119 | 6.000 | 1.000 | 0.019 | -0.227 | 0.304 | 9.000 | 0.000 |
| prev.sep | -0.105 | -0.283 | 0.089 | 1.000 | 3.000 | -0.082 | -0.417 | 0.253 | 4.000 | 1.000 |
| prev.oct | -0.070 | -0.274 | 0.152 | 3.000 | 2.000 | 0.074 | -0.207 | 0.282 | 11.000 | 1.000 |
| prev.nov | -0.133 | -0.276 | 0.201 | 3.000 | 4.000 | -0.213 | -0.410 | 0.121 | 2.000 | 1.000 |
| prev.dec | -0.186 | -0.303 | -0.005 | 0.000 | 7.000 | -0.039 | -0.197 | 0.118 | 5.000 | 0.000 |
| curr.jan | -0.029 | -0.211 | 0.152 | 6.000 | 0.000 | -0.010 | -0.246 | 0.379 | 6.000 | 1.000 |
| curr.feb | -0.108 | -0.249 | 0.247 | 1.000 | 4.000 | -0.033 | -0.199 | 0.195 | 4.000 | 0.000 |
| curr.mar | -0.163 | -0.280 | 0.109 | 1.000 | 4.000 | -0.024 | -0.188 | 0.344 | 5.000 | 1.000 |
| curr.apr | 0.060 | -0.263 | 0.214 | 11.000 | 1.000 | 0.129 | -0.169 | 0.332 | 13.000 | 1.000 |
| curr.may | -0.126 | -0.277 | 0.022 | 1.000 | 4.000 | -0.097 | -0.344 | 0.263 | 4.000 | 1.000 |
| curr.jun | -0.111 | -0.209 | -0.030 | 0.000 | 2.000 | -0.062 | -0.163 | 0.138 | 4.000 | 0.000 |
| curr.jul | -0.155 | -0.304 | 0.027 | 2.000 | 6.000 | 0.026 | -0.163 | 0.275 | 9.000 | 0.000 |
| curr.aug | -0.173 | -0.255 | -0.059 | 0.000 | 8.000 | -0.132 | -0.319 | 0.117 | 3.000 | 1.000 |

table 4: Summary of Pearson correlations across species for PDSI\_prewhiten

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | -0.026 | -0.132 | 0.052 | 4.000 | 0.000 | -0.078 | -0.386 | 0.164 | 5.000 | 1.000 |
| prev.may | -0.143 | -0.395 | 0.003 | 1.000 | 5.000 | -0.034 | -0.293 | 0.182 | 6.000 | 0.000 |
| prev.jun | -0.048 | -0.189 | 0.252 | 3.000 | 2.000 | 0.044 | -0.254 | 0.345 | 10.000 | 1.000 |
| prev.jul | 0.064 | -0.077 | 0.250 | 8.000 | 1.000 | 0.194 | -0.116 | 0.496 | 13.000 | 1.000 |
| prev.aug | 0.056 | -0.058 | 0.336 | 10.000 | 1.000 | -0.017 | -0.282 | 0.318 | 6.000 | 0.000 |
| prev.sep | 0.123 | -0.014 | 0.361 | 12.000 | 2.000 | 0.111 | -0.222 | 0.566 | 9.000 | 2.000 |
| prev.oct | 0.003 | -0.122 | 0.096 | 6.000 | 0.000 | -0.140 | -0.433 | 0.123 | 3.000 | 1.000 |
| prev.nov | 0.016 | -0.198 | 0.271 | 9.000 | 1.000 | -0.099 | -0.317 | 0.277 | 2.000 | 0.000 |
| prev.dec | 0.019 | -0.130 | 0.183 | 9.000 | 0.000 | -0.041 | -0.334 | 0.198 | 5.000 | 1.000 |
| curr.jan | -0.026 | -0.200 | 0.120 | 5.000 | 1.000 | -0.122 | -0.349 | 0.084 | 4.000 | 1.000 |
| curr.feb | 0.072 | -0.115 | 0.154 | 12.000 | 0.000 | 0.160 | -0.164 | 0.365 | 12.000 | 1.000 |
| curr.mar | 0.098 | -0.131 | 0.234 | 13.000 | 2.000 | 0.085 | -0.292 | 0.476 | 12.000 | 2.000 |
| curr.apr | -0.008 | -0.120 | 0.169 | 7.000 | 0.000 | 0.046 | -0.282 | 0.269 | 10.000 | 0.000 |
| curr.may | 0.127 | -0.077 | 0.272 | 12.000 | 2.000 | 0.081 | -0.250 | 0.424 | 10.000 | 2.000 |
| curr.jun | 0.134 | 0.014 | 0.270 | 14.000 | 4.000 | 0.062 | -0.106 | 0.195 | 9.000 | 0.000 |
| curr.jul | 0.189 | -0.026 | 0.433 | 13.000 | 9.000 | 0.035 | -0.147 | 0.314 | 7.000 | 2.000 |
| curr.aug | 0.132 | 0.050 | 0.308 | 14.000 | 2.000 | 0.136 | -0.136 | 0.404 | 12.000 | 2.000 |

table 5: Summary of Pearson correlations across species for pet

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | -0.022 | -0.087 | 0.058 | 4.000 | 0.000 | -0.002 | -0.190 | 0.159 | 8.000 | 0.000 |
| prev.may | 0.150 | -0.027 | 0.364 | 13.000 | 5.000 | 0.155 | -0.203 | 0.421 | 11.000 | 2.000 |
| prev.jun | 0.035 | -0.121 | 0.216 | 7.000 | 2.000 | -0.015 | -0.216 | 0.190 | 5.000 | 0.000 |
| prev.jul | 0.106 | -0.004 | 0.302 | 12.000 | 5.000 | -0.081 | -0.366 | 0.130 | 5.000 | 1.000 |
| prev.aug | -0.016 | -0.332 | 0.153 | 8.000 | 1.000 | -0.053 | -0.366 | 0.208 | 6.000 | 0.000 |
| prev.sep | -0.080 | -0.213 | 0.100 | 2.000 | 3.000 | -0.136 | -0.526 | 0.069 | 2.000 | 1.000 |
| prev.oct | -0.058 | -0.251 | 0.081 | 5.000 | 2.000 | 0.042 | -0.191 | 0.227 | 9.000 | 0.000 |
| prev.nov | -0.173 | -0.281 | 0.035 | 1.000 | 7.000 | -0.148 | -0.400 | 0.172 | 2.000 | 0.000 |
| prev.dec | -0.087 | -0.179 | 0.064 | 2.000 | 1.000 | -0.048 | -0.260 | 0.159 | 6.000 | 0.000 |
| curr.jan | -0.009 | -0.105 | 0.224 | 6.000 | 1.000 | 0.099 | -0.183 | 0.287 | 11.000 | 0.000 |
| curr.feb | -0.110 | -0.256 | 0.123 | 1.000 | 1.000 | -0.028 | -0.252 | 0.207 | 5.000 | 0.000 |
| curr.mar | -0.092 | -0.207 | 0.090 | 2.000 | 1.000 | -0.046 | -0.333 | 0.296 | 4.000 | 0.000 |
| curr.apr | 0.098 | -0.179 | 0.283 | 12.000 | 2.000 | 0.097 | -0.114 | 0.397 | 10.000 | 2.000 |
| curr.may | -0.192 | -0.308 | -0.046 | 0.000 | 7.000 | -0.018 | -0.324 | 0.161 | 5.000 | 1.000 |
| curr.jun | -0.195 | -0.331 | -0.019 | 0.000 | 9.000 | -0.078 | -0.271 | 0.070 | 3.000 | 0.000 |
| curr.jul | -0.195 | -0.347 | 0.070 | 1.000 | 8.000 | -0.113 | -0.331 | 0.134 | 1.000 | 2.000 |
| curr.aug | -0.169 | -0.305 | -0.049 | 0.000 | 8.000 | -0.146 | -0.361 | 0.162 | 2.000 | 1.000 |

table 6: Summary of Pearson correlations across species for pre

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.021 | -0.112 | 0.124 | 10.000 | 0.000 | -0.035 | -0.394 | 0.232 | 6.000 | 2.000 |
| prev.may | -0.137 | -0.337 | 0.001 | 1.000 | 4.000 | -0.077 | -0.276 | 0.165 | 5.000 | 0.000 |
| prev.jun | -0.057 | -0.224 | 0.254 | 3.000 | 4.000 | 0.025 | -0.175 | 0.385 | 9.000 | 0.000 |
| prev.jul | -0.049 | -0.206 | 0.094 | 5.000 | 2.000 | 0.108 | -0.153 | 0.316 | 12.000 | 0.000 |
| prev.aug | 0.057 | -0.038 | 0.322 | 12.000 | 1.000 | -0.097 | -0.347 | 0.286 | 5.000 | 0.000 |
| prev.sep | 0.078 | -0.029 | 0.337 | 10.000 | 3.000 | 0.105 | -0.250 | 0.494 | 11.000 | 3.000 |
| prev.oct | -0.080 | -0.187 | 0.058 | 2.000 | 0.000 | -0.232 | -0.530 | 0.172 | 3.000 | 2.000 |
| prev.nov | 0.071 | -0.248 | 0.249 | 12.000 | 2.000 | 0.057 | -0.178 | 0.275 | 10.000 | 0.000 |
| prev.dec | 0.037 | -0.074 | 0.117 | 11.000 | 0.000 | -0.196 | -0.429 | 0.039 | 2.000 | 2.000 |
| curr.jan | -0.104 | -0.268 | 0.069 | 3.000 | 3.000 | -0.194 | -0.447 | 0.049 | 1.000 | 2.000 |
| curr.feb | 0.058 | -0.129 | 0.194 | 10.000 | 1.000 | 0.089 | -0.229 | 0.329 | 11.000 | 1.000 |
| curr.mar | 0.058 | -0.055 | 0.211 | 10.000 | 1.000 | 0.012 | -0.293 | 0.376 | 6.000 | 0.000 |
| curr.apr | -0.015 | -0.170 | 0.258 | 4.000 | 1.000 | 0.023 | -0.266 | 0.268 | 8.000 | 0.000 |
| curr.may | 0.167 | 0.037 | 0.314 | 14.000 | 7.000 | 0.149 | -0.362 | 0.341 | 13.000 | 3.000 |
| curr.jun | 0.121 | 0.027 | 0.268 | 14.000 | 4.000 | 0.065 | -0.177 | 0.218 | 10.000 | 0.000 |
| curr.jul | 0.161 | -0.022 | 0.418 | 13.000 | 5.000 | -0.057 | -0.295 | 0.246 | 5.000 | 1.000 |
| curr.aug | 0.156 | 0.011 | 0.273 | 14.000 | 3.000 | 0.119 | -0.378 | 0.389 | 11.000 | 3.000 |

table 7: Summary of Pearson correlations across species for tmn

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.023 | -0.135 | 0.138 | 8.000 | 0.000 | 0.034 | -0.164 | 0.204 | 9.000 | 0.000 |
| prev.may | -0.008 | -0.181 | 0.121 | 8.000 | 0.000 | -0.037 | -0.240 | 0.183 | 5.000 | 0.000 |
| prev.jun | -0.002 | -0.135 | 0.097 | 7.000 | 0.000 | -0.006 | -0.414 | 0.299 | 7.000 | 1.000 |
| prev.jul | 0.041 | -0.091 | 0.172 | 9.000 | 0.000 | -0.011 | -0.289 | 0.180 | 5.000 | 0.000 |
| prev.aug | 0.081 | -0.027 | 0.272 | 12.000 | 1.000 | -0.131 | -0.463 | 0.074 | 1.000 | 1.000 |
| prev.sep | 0.012 | -0.104 | 0.097 | 8.000 | 0.000 | -0.097 | -0.406 | 0.262 | 3.000 | 2.000 |
| prev.oct | 0.029 | -0.052 | 0.114 | 10.000 | 0.000 | -0.150 | -0.315 | 0.071 | 1.000 | 1.000 |
| prev.nov | 0.021 | -0.063 | 0.085 | 10.000 | 0.000 | 0.024 | -0.112 | 0.184 | 8.000 | 0.000 |
| prev.dec | 0.055 | -0.083 | 0.230 | 9.000 | 1.000 | -0.197 | -0.507 | 0.141 | 2.000 | 3.000 |
| curr.jan | -0.031 | -0.174 | 0.120 | 6.000 | 0.000 | 0.004 | -0.339 | 0.199 | 9.000 | 1.000 |
| curr.feb | -0.016 | -0.165 | 0.086 | 6.000 | 0.000 | -0.021 | -0.294 | 0.356 | 7.000 | 0.000 |
| curr.mar | -0.004 | -0.122 | 0.104 | 7.000 | 0.000 | 0.006 | -0.308 | 0.378 | 5.000 | 1.000 |
| curr.apr | 0.075 | -0.078 | 0.171 | 10.000 | 0.000 | -0.042 | -0.328 | 0.259 | 6.000 | 0.000 |
| curr.may | -0.131 | -0.226 | 0.065 | 1.000 | 4.000 | -0.036 | -0.315 | 0.196 | 4.000 | 0.000 |
| curr.jun | -0.090 | -0.255 | 0.026 | 3.000 | 3.000 | 0.007 | -0.231 | 0.363 | 5.000 | 0.000 |
| curr.jul | -0.005 | -0.270 | 0.154 | 8.000 | 1.000 | -0.214 | -0.521 | 0.035 | 1.000 | 2.000 |
| curr.aug | -0.015 | -0.246 | 0.115 | 5.000 | 1.000 | -0.043 | -0.593 | 0.203 | 8.000 | 1.000 |

table 8: Summary of Pearson correlations across species for tmp

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.008 | -0.119 | 0.087 | 8.000 | 0.000 | 0.006 | -0.161 | 0.126 | 8.000 | 0.000 |
| prev.may | 0.049 | -0.131 | 0.216 | 10.000 | 2.000 | 0.006 | -0.225 | 0.182 | 7.000 | 0.000 |
| prev.jun | 0.028 | -0.117 | 0.179 | 8.000 | 0.000 | -0.063 | -0.396 | 0.259 | 5.000 | 1.000 |
| prev.jul | 0.070 | -0.077 | 0.233 | 10.000 | 1.000 | -0.091 | -0.391 | 0.053 | 1.000 | 1.000 |
| prev.aug | 0.062 | -0.138 | 0.266 | 11.000 | 1.000 | -0.118 | -0.383 | 0.124 | 4.000 | 1.000 |
| prev.sep | -0.042 | -0.160 | 0.047 | 5.000 | 0.000 | -0.141 | -0.537 | 0.117 | 2.000 | 1.000 |
| prev.oct | -0.005 | -0.079 | 0.083 | 8.000 | 0.000 | -0.151 | -0.309 | 0.048 | 2.000 | 0.000 |
| prev.nov | -0.035 | -0.145 | 0.080 | 5.000 | 0.000 | -0.068 | -0.243 | 0.225 | 3.000 | 0.000 |
| prev.dec | 0.008 | -0.116 | 0.189 | 8.000 | 1.000 | -0.199 | -0.522 | 0.145 | 2.000 | 2.000 |
| curr.jan | -0.033 | -0.195 | 0.149 | 5.000 | 0.000 | 0.003 | -0.369 | 0.193 | 9.000 | 1.000 |
| curr.feb | -0.038 | -0.176 | 0.079 | 5.000 | 0.000 | -0.032 | -0.315 | 0.313 | 7.000 | 1.000 |
| curr.mar | -0.050 | -0.178 | 0.100 | 5.000 | 0.000 | 0.000 | -0.313 | 0.431 | 5.000 | 1.000 |
| curr.apr | 0.090 | -0.111 | 0.239 | 11.000 | 1.000 | 0.020 | -0.264 | 0.342 | 7.000 | 1.000 |
| curr.may | -0.171 | -0.287 | -0.004 | 0.000 | 7.000 | -0.066 | -0.261 | 0.119 | 2.000 | 0.000 |
| curr.jun | -0.143 | -0.304 | 0.013 | 1.000 | 3.000 | -0.038 | -0.281 | 0.278 | 6.000 | 0.000 |
| curr.jul | -0.097 | -0.272 | 0.168 | 3.000 | 4.000 | -0.164 | -0.417 | 0.041 | 3.000 | 1.000 |
| curr.aug | -0.110 | -0.294 | 0.063 | 2.000 | 1.000 | -0.088 | -0.541 | 0.243 | 4.000 | 2.000 |

table 9: Summary of Pearson correlations across species for tmx

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | -0.001 | -0.102 | 0.090 | 7.000 | 0.000 | -0.015 | -0.208 | 0.159 | 8.000 | 0.000 |
| prev.may | 0.089 | -0.083 | 0.285 | 11.000 | 2.000 | 0.040 | -0.234 | 0.280 | 10.000 | 0.000 |
| prev.jun | 0.045 | -0.123 | 0.222 | 8.000 | 2.000 | -0.102 | -0.335 | 0.160 | 3.000 | 1.000 |
| prev.jul | 0.075 | -0.078 | 0.256 | 9.000 | 2.000 | -0.120 | -0.384 | -0.004 | 0.000 | 1.000 |
| prev.aug | 0.033 | -0.232 | 0.207 | 9.000 | 2.000 | -0.094 | -0.361 | 0.196 | 5.000 | 0.000 |
| prev.sep | -0.079 | -0.216 | 0.071 | 3.000 | 1.000 | -0.145 | -0.531 | 0.080 | 1.000 | 2.000 |
| prev.oct | -0.038 | -0.196 | 0.080 | 4.000 | 0.000 | -0.121 | -0.301 | 0.085 | 3.000 | 0.000 |
| prev.nov | -0.079 | -0.202 | 0.150 | 3.000 | 1.000 | -0.129 | -0.326 | 0.216 | 2.000 | 0.000 |
| prev.dec | -0.033 | -0.169 | 0.155 | 5.000 | 0.000 | -0.190 | -0.518 | 0.153 | 2.000 | 2.000 |
| curr.jan | -0.035 | -0.211 | 0.158 | 5.000 | 1.000 | 0.007 | -0.399 | 0.240 | 9.000 | 1.000 |
| curr.feb | -0.057 | -0.184 | 0.125 | 4.000 | 0.000 | -0.033 | -0.315 | 0.275 | 5.000 | 0.000 |
| curr.mar | -0.079 | -0.213 | 0.113 | 3.000 | 1.000 | -0.012 | -0.280 | 0.440 | 5.000 | 1.000 |
| curr.apr | 0.091 | -0.180 | 0.242 | 11.000 | 2.000 | 0.057 | -0.267 | 0.360 | 10.000 | 1.000 |
| curr.may | -0.184 | -0.302 | -0.018 | 0.000 | 9.000 | -0.086 | -0.245 | 0.073 | 4.000 | 0.000 |
| curr.jun | -0.162 | -0.295 | -0.005 | 0.000 | 5.000 | -0.054 | -0.297 | 0.130 | 3.000 | 0.000 |
| curr.jul | -0.142 | -0.337 | 0.140 | 1.000 | 3.000 | -0.109 | -0.289 | 0.141 | 4.000 | 0.000 |
| curr.aug | -0.168 | -0.280 | -0.009 | 0.000 | 8.000 | -0.124 | -0.444 | 0.258 | 2.000 | 2.000 |

table 10: Summary of Pearson correlations across species for vap

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.047 | -0.089 | 0.166 | 11.000 | 0.000 | 0.019 | -0.151 | 0.171 | 9.000 | 0.000 |
| prev.may | -0.016 | -0.101 | 0.089 | 7.000 | 0.000 | -0.057 | -0.261 | 0.110 | 5.000 | 0.000 |
| prev.jun | 0.047 | -0.064 | 0.198 | 11.000 | 0.000 | -0.085 | -0.464 | 0.288 | 2.000 | 1.000 |
| prev.jul | 0.027 | -0.098 | 0.200 | 6.000 | 0.000 | -0.068 | -0.276 | 0.308 | 4.000 | 0.000 |
| prev.aug | 0.066 | -0.056 | 0.180 | 12.000 | 0.000 | -0.122 | -0.433 | 0.046 | 3.000 | 1.000 |
| prev.sep | 0.019 | -0.081 | 0.099 | 9.000 | 0.000 | 0.035 | -0.251 | 0.216 | 10.000 | 0.000 |
| prev.oct | 0.008 | -0.054 | 0.061 | 8.000 | 0.000 | -0.185 | -0.375 | 0.004 | 1.000 | 1.000 |
| prev.nov | 0.084 | -0.013 | 0.149 | 13.000 | 0.000 | 0.012 | -0.173 | 0.166 | 6.000 | 0.000 |
| prev.dec | 0.050 | -0.094 | 0.231 | 9.000 | 2.000 | -0.211 | -0.495 | 0.108 | 3.000 | 4.000 |
| curr.jan | -0.047 | -0.243 | 0.057 | 4.000 | 1.000 | -0.033 | -0.410 | 0.204 | 5.000 | 1.000 |
| curr.feb | 0.018 | -0.094 | 0.147 | 9.000 | 0.000 | -0.006 | -0.385 | 0.288 | 8.000 | 1.000 |
| curr.mar | 0.021 | -0.106 | 0.130 | 11.000 | 0.000 | 0.058 | -0.297 | 0.391 | 9.000 | 1.000 |
| curr.apr | 0.024 | -0.052 | 0.085 | 9.000 | 0.000 | -0.059 | -0.425 | 0.168 | 3.000 | 1.000 |
| curr.may | -0.091 | -0.211 | 0.073 | 2.000 | 2.000 | -0.093 | -0.340 | 0.165 | 3.000 | 0.000 |
| curr.jun | -0.041 | -0.174 | 0.133 | 4.000 | 0.000 | 0.005 | -0.239 | 0.393 | 7.000 | 1.000 |
| curr.jul | 0.045 | -0.193 | 0.178 | 10.000 | 1.000 | -0.069 | -0.340 | 0.110 | 5.000 | 1.000 |
| curr.aug | 0.055 | -0.183 | 0.193 | 12.000 | 0.000 | 0.088 | -0.336 | 0.324 | 11.000 | 1.000 |

table 11: Summary of Pearson correlations across species for wet

| month | 1901-2009 | | | | | 1980-2009 | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | mean | min | max | n positive | n significant | mean | min | max | n positive | n significant |
| prev.apr | 0.022 | -0.113 | 0.103 | 10.000 | 0.000 | -0.037 | -0.364 | 0.279 | 6.000 | 3.000 |
| prev.may | -0.157 | -0.383 | -0.041 | 0.000 | 5.000 | -0.106 | -0.318 | 0.143 | 3.000 | 0.000 |
| prev.jun | -0.064 | -0.210 | 0.213 | 3.000 | 3.000 | 0.028 | -0.244 | 0.365 | 7.000 | 0.000 |
| prev.jul | -0.020 | -0.147 | 0.157 | 6.000 | 0.000 | 0.121 | -0.195 | 0.358 | 11.000 | 0.000 |
| prev.aug | 0.087 | -0.026 | 0.324 | 12.000 | 1.000 | 0.017 | -0.215 | 0.303 | 7.000 | 0.000 |
| prev.sep | 0.065 | -0.040 | 0.308 | 9.000 | 3.000 | 0.118 | -0.221 | 0.510 | 10.000 | 3.000 |
| prev.oct | -0.030 | -0.127 | 0.107 | 4.000 | 0.000 | -0.223 | -0.487 | 0.133 | 3.000 | 2.000 |
| prev.nov | 0.097 | -0.198 | 0.255 | 12.000 | 2.000 | 0.048 | -0.139 | 0.308 | 9.000 | 0.000 |
| prev.dec | 0.037 | -0.086 | 0.138 | 10.000 | 0.000 | -0.213 | -0.455 | -0.001 | 0.000 | 2.000 |
| curr.jan | -0.138 | -0.287 | 0.028 | 2.000 | 3.000 | -0.206 | -0.431 | -0.002 | 0.000 | 3.000 |
| curr.feb | 0.049 | -0.156 | 0.180 | 10.000 | 0.000 | 0.076 | -0.261 | 0.263 | 11.000 | 1.000 |
| curr.mar | 0.056 | -0.056 | 0.165 | 11.000 | 0.000 | -0.007 | -0.267 | 0.340 | 7.000 | 0.000 |
| curr.apr | -0.021 | -0.149 | 0.215 | 4.000 | 1.000 | 0.024 | -0.237 | 0.210 | 7.000 | 0.000 |
| curr.may | 0.180 | 0.044 | 0.340 | 14.000 | 7.000 | 0.229 | -0.250 | 0.454 | 13.000 | 2.000 |
| curr.jun | 0.125 | 0.018 | 0.297 | 14.000 | 3.000 | 0.105 | -0.116 | 0.271 | 11.000 | 0.000 |
| curr.jul | 0.188 | -0.008 | 0.415 | 13.000 | 8.000 | -0.039 | -0.272 | 0.312 | 5.000 | 1.000 |
| curr.aug | 0.166 | 0.043 | 0.292 | 14.000 | 4.000 | 0.110 | -0.295 | 0.306 | 11.000 | 0.000 |