|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Read and Sort phase (PASS 1) | | Merge phase (PASS 2) | | Process Data | | Total | | | |
|  | # Disk I/O | Execution Time (sec) | # Disk I/O | Execution Time (sec) | # Disk I/O | Execution Time | # Disk I/O | Execution Time (sec) | # Records | # Blocks |
| T1 & T2 Size: 500K  Memory: 5Mb |  |  |  |  |  |  |  |  |  |  |
| T1 & T2 Size: 1000K  Memory: 5Mb |  |  |  |  |  |  |  |  |  |  |
| T1 & T2 Size: 500K  Memory: 10Mb | 222224 | 406s | 222224 | 90s | 216799 | 443s | 661247 | 939s | 951180 | 105687 |
| T1 & T2 Size: 1000K  Memory: 10Mb |  |  |  |  |  |  |  |  |  |  |
| T1 & T2 Size: 500K  Memory: 20Mb | 222224 | 70s | 222224 | 91s | 216813 | 106s | 661261 | 269s | 951309 | 105701 |
| T1 & T2 Size: 1000K  Memory: 20Mb |  |  |  |  |  |  |  |  |  |  |