|  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | 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: 10Mb | 222224 | 344s | 222224 | 75s | 216823 | 370s | 661271 | 790s | 951391 | 105711 |
| T1 & T2 Size: 1000K  Memory: 10Mb | 444448 | 756s | 444447 | 166s | 423644 | 745s | 1312539 | 1668s | 1812785 | 201421 |
| T1 & T2 Size: 500K  Memory: 20Mb | 222224 | 49s | 222224 | 86s | 216823 | 111s | 661271 | 247s | 951391 | 105711 |
| T1 & T2 Size: 1000K  Memory: 20Mb | 444448 | 161s | 444447 | 160s | 423644 | 201s | 1312539 | 524s | 1812785 | 201421 |