|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  |  | **BBC** | | **FBC** | |
| **FUEL** | **NG’ANDO** | **IN** | **OUT** | **IN** | **OUT** |
| LPG | U1 | 501.2 | 1257.2 | 15157.7 | 4273.2 |
| LPG | U2 | 4108.6 | 4929.8 | 12966.8 | 16613.7 |
| LPG | U3 | 5631.4 | 8617.9 | 16613.7 | 10097.6 |
| LPG | U4 | 5933.3 | 4386.0 | 5770.9 | 4236.4 |
| KEROSINE | U5 | 9161.2 | 8606.3 | 15605.6 | 7309.1 |
| CHARCOAL | U6 | 17910.8 | 40190.8 | 23838.9 | 50571.5 |
| CHARCOAL | U7 | 33844.9 | 26660.7 | 59940.9 | 20607.9 |
| KEROSINE | U8 | 6387.9 | 4182.6 | 56124.6 | 22745.2 |
| KEROSINE | U9 | 9963.8 | 5035.0 | 9280.7 | 5372.8 |
| LPG | U10 | 4718.5 | 5348.3 | 4351.1 | 4351.1 |
| KEROSINE | U11 | 6887.3 | 8914.0 | 8553.9 | 7949.4 |
| CHARCOAL | U12 | 23589.6 | 9705.8 | 19792.9 | 10404.6 |
| KEROSINE | U13 | 9394.7 | 484.1 | 10600.2 | 5042.7 |
| CHARCOAL | U14 | 7511.2 | 1265.0 | 30631.4 | 3789.4 |
| KEROSINE | U15 | 6609.9 | 3807.1 | 8659.6 | 5213.1 |
|  | **LESHAU PONDO** | | | | |
| wood + Kerosine | R1 | 120358.2 | 96279.8 | 149129.4 | 177167.0 |
| wood + Kerosine | R2 | 156063.0 | 6053.4 | 92276.9 | 2639.7 |
| wood + Kerosine | R3 | 34063.1 | 6133.1 | 14016.9 | 9589.0 |
| wood + Kerosine | R4 | 90273.2 | 267.1 | 79142.4 | 6640.3 |
| wood + Kerosine | R5 | 25899.5 | 3825.0 | 60452.9 | 3910.5 |
| wood + Kerosine | R6 | 68105.6 | 1785.0 | 131379.7 | 4348.1 |
| wood + Kerosine | R7 | 145408.0 | 150.2 | 78469.8 | 120.5 |
| wood + Kerosine | R8 | 83181.7 | 1418.8 | 86575.1 | 978.3 |
| wood + Kerosine | R9 | 94277.1 | 11212.9 | 97061.7 | 13680.7 |

**Table S2.** Biomass black carbon (BBC) and Fossils black carbon (FBC) concentration from Ng’ando (U) and Leshau Pondo (R).