$$HSPF = \frac{\sum_{j}^{J} n_j \cdot BL(T_j)}{\sum_{j}^{J} q_h(T_j) + \sum_{j}^{J} RH(T_j)} \cdot F_{def} = \frac{\sum_{j}^{J} \left[\frac{n_j}{N} \cdot BL(T_j) \right]}{\sum_{j}^{J} \frac{q_h(T_j)}{N} + \sum_{j}^{J} \frac{RH(T_j)}{N}} \cdot F_{def} \qquad (4.2\text{-}1)$$