$$a_{m_i} = a_a \cdot \frac{P_{mean\,m_i}}{P_{mean\,a}}$$

Where a_m = monthly target sum of a given month i;
a_a = annual target sum (2.5 %-Percentile of annual precipitation);
$P_{mean\,mi}$ = long term mean precipitation of given month i;
$P_{mean\,a}$ = annual mean precipitation