SSSRRRSSSSRRRRRRRRRRRRRRSSSSSS S SS

One way to simulate this weather would be to just say "Half of the days are rainy. Therefore, every day in our simulation will have a fifty percent chance of rain." This rule would generate the following sequence in simulation:

S R R S R S R S R S S R S R S R S S R S S S R R S S S R S R S R S S R S R S S R S R S S R S R S S R S