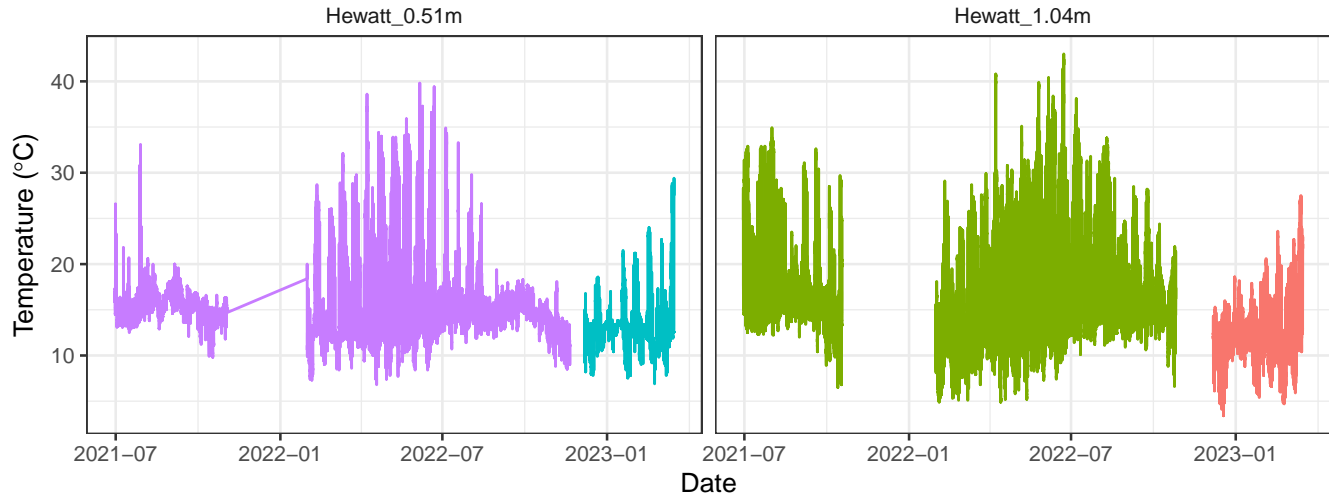Hewatt transect