Potential areas for the use of water cooling pitchers (Botijos) How does it work? Where to use it? This world map describes suitable areas: A botijo is a water chilling pitcher made of for the use of water chilling jugs (botijos). baked clay widely used in Spain. Some of its water slowly oozes through the The potential geographic range of this porous walls and evaporates, cooling the remaining content of technology depends on factors such as climate, abundance of drinking water, and presence of clay surface deposits. This traditional technology provides a simple solution for Suitable areas for using botijos chilling water, quite useful in -- Dark isoline: Botijos can be used many regions around the 3 months a year with delight White isoline: Theorical maximum cooling temperature 20 degrees Celsius Data sources Basemap layers made with Natural Earth. Free vector and raster map data. @ naturalearthdata.com. • FAO/IIASA/ISRIC/ISS-CAS/JRC, 2012. Harmonized World Soil Database (version 1.2). FAO, Rome, Italy and IIASA, Laxenburg, Austria. • The ECMWF ERA-40 reanalysis data used in this study have been provided by ECMWF, Shinfield Park, Reading, England and have been obtained from the ECMWF data server at http://data.ecmwf.int/data/ • The World Bank, 2012. World Development Indicators (WDI): Improved Water Source Access. Retrieved from http://data.worldbank.org/indicator/SH.H2O.SAFE.RU.ZS. • WORLDCLIM. Hijmans, R.J., S.E. Cameron, J.L. Parra, P.G. Jones and A. Jarvis, 2005. Very high resolution interpolated climate surfaces for global land areas. International Journal of Climatology 25: 1965-1978. Scale: 1:80,000,000 Projection: Winkel Tripel GCS: WGS-1984 Designed for printing at A3 DD NMO 5° C 1:250.000.000 1:250.000.000 Martínez de Azagra, A. & Del Río, J., 2014 Interrupted Goode Interrupted Goode 9 months 15° C Universidad de Valladolid amap@iaf.uva.es riosanjo@jcyl.es © Journal of Maps, 2014 Number of months in which botijos may be used with delight (Variable NMO) Theorical maximum cooling temperature (Variable *DD*)