**Fig.5. (left)**

**Vidal Watermelon Jelly 298K**

**Zone 1**

**TAU (S) MAGNITUDES**

----------

8.0000e-02 7.7527e+03

6.5941e-02 7.5005e+03

5.4352e-02 7.2680e+03

4.4800e-02 7.0211e+03

3.6927e-02 6.8305e+03

3.0437e-02 6.5412e+03

2.5088e-02 6.2403e+03

2.0679e-02 5.7624e+03

1.7045e-02 5.2416e+03

1.4049e-02 4.9090e+03

1.1580e-02 4.6975e+03

9.5451e-03 4.2221e+03

7.8676e-03 3.8704e+03

6.4849e-03 3.6399e+03

5.3452e-03 3.3349e+03

4.4058e-03 3.1695e+03

3.6315e-03 3.0168e+03

2.9933e-03 2.7895e+03

2.4673e-03 2.7454e+03

2.0337e-03 2.5143e+03

1.6763e-03 2.4233e+03

1.3817e-03 2.2721e+03

1.1389e-03 2.2901e+03

9.3871e-04 2.3371e+03

7.7373e-04 2.1586e+03

6.3776e-04 2.1495e+03

5.2567e-04 2.0892e+03

4.3329e-04 2.1290e+03

3.5714e-04 1.9898e+03

2.9438e-04 2.0054e+03

2.4264e-04 2.1596e+03

2.0000e-04 2.0729e+03

**Zone 2**

**TAU (S) MAGNITUDES**

----------

7.6710e-02 6.7553e+03

6.3229e-02 6.5547e+03

5.2117e-02 6.3783e+03

4.2958e-02 6.1401e+03

3.5408e-02 6.0122e+03

2.9185e-02 5.7117e+03

2.4056e-02 5.3787e+03

1.9829e-02 5.2884e+03

1.6344e-02 4.9102e+03

1.3471e-02 4.5430e+03

1.1104e-02 4.1748e+03

9.1525e-03 3.9052e+03

7.5440e-03 3.5974e+03

6.2182e-03 3.3941e+03

5.1254e-03 3.0488e+03

4.2246e-03 3.0257e+03

3.4822e-03 2.8302e+03

2.8702e-03 2.7606e+03

2.3658e-03 2.5087e+03

1.9500e-03 2.4578e+03

1.6073e-03 2.4263e+03

1.3248e-03 2.3111e+03

1.0920e-03 2.2762e+03

9.0010e-04 2.2045e+03

7.4191e-04 2.2515e+03

6.1153e-04 2.1547e+03

5.0406e-04 2.0735e+03

4.1547e-04 2.0218e+03

3.4246e-04 2.0623e+03

2.8227e-04 2.0371e+03

2.3266e-04 2.0747e+03

1.9177e-04 2.1086e+03

**Zone 3**

**TAU (S) MAGNITUDES**

----------

7.0499e-02 5.7241e+03

5.8109e-02 5.7094e+03

4.7897e-02 5.7187e+03

3.9479e-02 5.4621e+03

3.2541e-02 5.2378e+03

2.6822e-02 5.1963e+03

2.2108e-02 4.9136e+03

1.8223e-02 4.6111e+03

1.5020e-02 4.3418e+03

1.2381e-02 4.1059e+03

1.0205e-02 3.7891e+03

8.4115e-03 3.6221e+03

6.9332e-03 3.2884e+03

5.7147e-03 3.0557e+03

4.7104e-03 2.9274e+03

3.8826e-03 2.7465e+03

3.2003e-03 2.6627e+03

2.6378e-03 2.6920e+03

2.1743e-03 2.5151e+03

1.7921e-03 2.3340e+03

1.4772e-03 2.2315e+03

1.2176e-03 2.1937e+03

1.0036e-03 2.1392e+03

8.2722e-04 2.0849e+03

6.8184e-04 2.1228e+03

5.6201e-04 2.0272e+03

4.6324e-04 2.0402e+03

3.8183e-04 2.0132e+03

3.1473e-04 1.9291e+03

2.5942e-04 1.9651e+03

2.1383e-04 1.8953e+03

1.7625e-04 1.9257e+03

**Zone 4**

**TAU (S) MAGNITUDES**

----------

4.8901e-02 4.8706e+03

4.0307e-02 4.8444e+03

3.3223e-02 4.7446e+03

2.7384e-02 4.6056e+03

2.2572e-02 4.5003e+03

1.8605e-02 4.1615e+03

1.5335e-02 4.0639e+03

1.2640e-02 3.7109e+03

1.0419e-02 3.5759e+03

8.5877e-03 3.3377e+03

7.0785e-03 3.2078e+03

5.8345e-03 2.9819e+03

4.8091e-03 2.9598e+03

3.9640e-03 2.7555e+03

3.2673e-03 2.6407e+03

2.6931e-03 2.5039e+03

2.2198e-03 2.4290e+03

1.8297e-03 2.3425e+03

1.5081e-03 2.2448e+03

1.2431e-03 2.1670e+03

1.0246e-03 2.1077e+03

8.4456e-04 2.1284e+03

6.9613e-04 1.9974e+03

5.7379e-04 2.0996e+03

4.7295e-04 1.9361e+03

3.8983e-04 2.0485e+03

3.2132e-04 1.9869e+03

2.6485e-04 2.0497e+03

2.1831e-04 2.0940e+03

1.7994e-04 2.0046e+03

1.4832e-04 1.8920e+03

1.2225e-04 2.0405e+03

**Zone 5**

**TAU (S) MAGNITUDES**

----------

5.3470e-02 4.3856e+03

4.4073e-02 4.2489e+03

3.6327e-02 4.2117e+03

2.9943e-02 4.1620e+03

2.4681e-02 4.1687e+03

2.0343e-02 3.9556e+03

1.6768e-02 3.8091e+03

1.3821e-02 3.6027e+03

1.1392e-02 3.4133e+03

9.3901e-03 3.2822e+03

7.7399e-03 3.1067e+03

6.3796e-03 3.0474e+03

5.2585e-03 2.7616e+03

4.3343e-03 2.6529e+03

3.5726e-03 2.5118e+03

2.9447e-03 2.4731e+03

2.4272e-03 2.3707e+03

2.0007e-03 2.2041e+03

1.6491e-03 2.0682e+03

1.3592e-03 2.2619e+03

1.1204e-03 2.0079e+03

9.2347e-04 1.9924e+03

7.6117e-04 2.0024e+03

6.2740e-04 2.0596e+03

5.1714e-04 1.9842e+03

4.2626e-04 2.0000e+03

3.5135e-04 1.9638e+03

2.8960e-04 1.9498e+03

2.3870e-04 1.9862e+03

1.9675e-04 1.9620e+03

1.6218e-04 1.9828e+03

1.3367e-04 1.9187e+03

**Zone 6**

**TAU (S) MAGNITUDES**

----------

4.5747e-02 3.7973e+03

3.7708e-02 3.7841e+03

3.1081e-02 3.6975e+03

2.5619e-02 3.5568e+03

2.1116e-02 3.5488e+03

1.7405e-02 3.4712e+03

1.4346e-02 3.4013e+03

1.1825e-02 3.2213e+03

9.7469e-03 2.9727e+03

8.0340e-03 2.8763e+03

6.6220e-03 2.7180e+03

5.4583e-03 2.7471e+03

4.4990e-03 2.6362e+03

3.7083e-03 2.4524e+03

3.0566e-03 2.2731e+03

2.5194e-03 2.3071e+03

2.0767e-03 2.0921e+03

1.7117e-03 2.1743e+03

1.4109e-03 2.0731e+03

1.1629e-03 2.0781e+03

9.5856e-04 2.0734e+03

7.9010e-04 2.0362e+03

6.5124e-04 2.0275e+03

5.3679e-04 1.9772e+03

4.4245e-04 1.9021e+03

3.6470e-04 1.9246e+03

3.0060e-04 1.8808e+03

2.4777e-04 1.9185e+03

2.0423e-04 1.7685e+03

1.6834e-04 1.8863e+03

1.3875e-04 1.8986e+03

1.1437e-04 1.8492e+03

**Zone 7**

**TAU (S) MAGNITUDES**

----------

4.0661e-02 3.5215e+03

3.3515e-02 3.6454e+03

2.7625e-02 3.6624e+03

2.2770e-02 3.7292e+03

1.8769e-02 3.6598e+03

1.5470e-02 3.8966e+03

1.2751e-02 3.9841e+03

1.0510e-02 4.1840e+03

8.6633e-03 4.3678e+03

7.1408e-03 4.3926e+03

5.8858e-03 4.6335e+03

4.8514e-03 4.6653e+03

3.9988e-03 4.8421e+03

3.2961e-03 4.8913e+03

2.7168e-03 4.9668e+03

2.2393e-03 5.1572e+03

1.8458e-03 5.3103e+03

1.5214e-03 5.2212e+03

1.2540e-03 5.2837e+03

1.0336e-03 5.3198e+03

8.5199e-04 5.4485e+03

7.0226e-04 5.4616e+03

5.7884e-04 5.4748e+03

4.7711e-04 5.5254e+03

3.9326e-04 5.4332e+03

3.2415e-04 5.4774e+03

2.6718e-04 5.5197e+03

2.2023e-04 5.5207e+03

1.8152e-04 5.5483e+03

1.4962e-04 5.5850e+03

1.2333e-04 5.6242e+03

1.0165e-04 5.5510e+03

**Zone 8**

**TAU (S) MAGNITUDES**

----------

3.4185e-02 3.4737e+03

2.8177e-02 3.6529e+03

2.3225e-02 3.6137e+03

1.9143e-02 3.7350e+03

1.5779e-02 3.8972e+03

1.3006e-02 4.1454e+03

1.0720e-02 4.1393e+03

8.8363e-03 4.2980e+03

7.2834e-03 4.3830e+03

6.0034e-03 4.4686e+03

4.9483e-03 4.6615e+03

4.0787e-03 4.8060e+03

3.3619e-03 4.8577e+03

2.7711e-03 4.9525e+03

2.2841e-03 5.0571e+03

1.8827e-03 5.0533e+03

1.5518e-03 5.1524e+03

1.2791e-03 5.3535e+03

1.0543e-03 5.4044e+03

8.6900e-04 5.3588e+03

7.1628e-04 5.5837e+03

5.9040e-04 5.3857e+03

4.8664e-04 5.5138e+03

4.0112e-04 5.4163e+03

3.3062e-04 5.5760e+03

2.7252e-04 5.5183e+03

2.2463e-04 5.6036e+03

1.8515e-04 5.6499e+03

1.5261e-04 5.6477e+03

1.2579e-04 5.5462e+03

1.0368e-04 5.6400e+03

8.5462e-05 5.6509e+03

**Zone 9**

**TAU (S) MAGNITUDES**

----------

3.2130e-02 3.3035e+03

2.6484e-02 3.2053e+03

2.1829e-02 3.2865e+03

1.7993e-02 3.3797e+03

1.4831e-02 3.5206e+03

1.2224e-02 3.5472e+03

1.0076e-02 3.8010e+03

8.3052e-03 3.8083e+03

6.8457e-03 4.0319e+03

5.6426e-03 4.0696e+03

4.6509e-03 4.4515e+03

3.8336e-03 4.5876e+03

3.1598e-03 4.4887e+03

2.6045e-03 4.7527e+03

2.1468e-03 4.7862e+03

1.7695e-03 4.8391e+03

1.4585e-03 4.9870e+03

1.2022e-03 5.0260e+03

9.9093e-04 5.0929e+03

8.1678e-04 5.1769e+03

6.7323e-04 5.2073e+03

5.5492e-04 5.1685e+03

4.5739e-04 5.2731e+03

3.7701e-04 5.3334e+03

3.1075e-04 5.3246e+03

2.5614e-04 5.2612e+03

2.1113e-04 5.2998e+03

1.7402e-04 5.4622e+03

1.4344e-04 5.3258e+03

1.1823e-04 5.3463e+03

9.7452e-05 5.3713e+03

8.0326e-05 5.3771e+03

**Zone 10**

**TAU (S) MAGNITUDES**

----------

2.7443e-02 2.9042e+03

2.2620e-02 2.9427e+03

1.8645e-02 3.0209e+03

1.5368e-02 3.0036e+03

1.2667e-02 3.1976e+03

1.0441e-02 3.2654e+03

8.6061e-03 3.4531e+03

7.0937e-03 3.6071e+03

5.8470e-03 3.8123e+03

4.8194e-03 4.0586e+03

3.9725e-03 4.2030e+03

3.2743e-03 4.1913e+03

2.6989e-03 4.3628e+03

2.2246e-03 4.4119e+03

1.8336e-03 4.6585e+03

1.5114e-03 4.7475e+03

1.2458e-03 4.6759e+03

1.0268e-03 4.7948e+03

8.4637e-04 4.6899e+03

6.9763e-04 4.9038e+03

5.7502e-04 4.8562e+03

4.7397e-04 4.9842e+03

3.9067e-04 5.0689e+03

3.2201e-04 4.9854e+03

2.6542e-04 4.9784e+03

2.1877e-04 5.1385e+03

1.8033e-04 5.1072e+03

1.4864e-04 5.1799e+03

1.2251e-04 5.0792e+03

1.0098e-04 5.0211e+03

8.3236e-05 5.2194e+03

6.8608e-05 5.0891e+03

**Zone 11**

**TAU (S) MAGNITUDES**

----------

2.1658e-02 2.7186e+03

1.7852e-02 2.7013e+03

1.4714e-02 2.7136e+03

1.2128e-02 2.8876e+03

9.9969e-03 3.0156e+03

8.2400e-03 3.2119e+03

6.7919e-03 3.2392e+03

5.5982e-03 3.4095e+03

4.6144e-03 3.5429e+03

3.8034e-03 3.7163e+03

3.1350e-03 3.9445e+03

2.5841e-03 3.9926e+03

2.1299e-03 4.2645e+03

1.7556e-03 4.3143e+03

1.4471e-03 4.2637e+03

1.1928e-03 4.4223e+03

9.8314e-04 4.4789e+03

8.1036e-04 4.6867e+03

6.6794e-04 4.6782e+03

5.5056e-04 4.6232e+03

4.5380e-04 4.7963e+03

3.7405e-04 4.7381e+03

3.0831e-04 4.8476e+03

2.5413e-04 4.8706e+03

2.0947e-04 4.8911e+03

1.7265e-04 4.7947e+03

1.4231e-04 4.8174e+03

1.1730e-04 4.9261e+03

9.6687e-05 5.0095e+03

7.9695e-05 4.8353e+03

6.5689e-05 4.7745e+03

5.4144e-05 4.9519e+03

**Zone 12**

**TAU (S) MAGNITUDES**

----------

2.0730e-02 2.3823e+03

1.7086e-02 2.3923e+03

1.4084e-02 2.4693e+03

1.1609e-02 2.5581e+03

9.5684e-03 2.7356e+03

7.8868e-03 2.8095e+03

6.5008e-03 2.9674e+03

5.3583e-03 3.1395e+03

4.4166e-03 3.2664e+03

3.6404e-03 3.3392e+03

3.0007e-03 3.6039e+03

2.4733e-03 3.7568e+03

2.0386e-03 3.9013e+03

1.6804e-03 3.9669e+03

1.3851e-03 4.1180e+03

1.1416e-03 4.2095e+03

9.4100e-04 4.2294e+03

7.7563e-04 4.3039e+03

6.3932e-04 4.2649e+03

5.2696e-04 4.5529e+03

4.3435e-04 4.5443e+03

3.5802e-04 4.5048e+03

2.9510e-04 4.6281e+03

2.4324e-04 4.5448e+03

2.0049e-04 4.6779e+03

1.6525e-04 4.5940e+03

1.3621e-04 4.5258e+03

1.1227e-04 4.7003e+03

9.2543e-05 4.7164e+03

7.6279e-05 4.5878e+03

6.2873e-05 4.7109e+03

5.1824e-05 4.5898e+03

**Zone 13**

**TAU (S) MAGNITUDES**

----------

1.8871e-02 2.2551e+03

1.5554e-02 2.2743e+03

1.2821e-02 2.3570e+03

1.0568e-02 2.3603e+03

8.7105e-03 2.5350e+03

7.1797e-03 2.5502e+03

5.9179e-03 2.8055e+03

4.8779e-03 2.8396e+03

4.0206e-03 3.0660e+03

3.3140e-03 3.2952e+03

2.7316e-03 3.4283e+03

2.2515e-03 3.4404e+03

1.8558e-03 3.6233e+03

1.5297e-03 3.7441e+03

1.2609e-03 3.8799e+03

1.0393e-03 3.9403e+03

8.5663e-04 4.0499e+03

7.0608e-04 4.1588e+03

5.8199e-04 4.1210e+03

4.7971e-04 4.2054e+03

3.9541e-04 4.2805e+03

3.2592e-04 4.2422e+03

2.6864e-04 4.3254e+03

2.2143e-04 4.4307e+03

1.8251e-04 4.3594e+03

1.5044e-04 4.4780e+03

1.2400e-04 4.3651e+03

1.0221e-04 4.3310e+03

8.4245e-05 4.3861e+03

6.9439e-05 4.4991e+03

5.7236e-05 4.5928e+03

4.7177e-05 4.3343e+03

**Zone 14**

**TAU (S) MAGNITUDES**

----------

1.6066e-02 2.1701e+03

1.3242e-02 2.1894e+03

1.0915e-02 2.2421e+03

8.9969e-03 2.2941e+03

7.4158e-03 2.4184e+03

6.1125e-03 2.4565e+03

5.0383e-03 2.6870e+03

4.1528e-03 2.7545e+03

3.4230e-03 2.9166e+03

2.8214e-03 3.0689e+03

2.3256e-03 3.1129e+03

1.9169e-03 3.3566e+03

1.5800e-03 3.5705e+03

1.3023e-03 3.5455e+03

1.0734e-03 3.6940e+03

8.8480e-04 3.7739e+03

7.2930e-04 3.8520e+03

6.0113e-04 3.9433e+03

4.9549e-04 3.9222e+03

4.0841e-04 4.0633e+03

3.3663e-04 4.0263e+03

2.7747e-04 4.0138e+03

2.2871e-04 4.0660e+03

1.8851e-04 4.0550e+03

1.5538e-04 4.1871e+03

1.2808e-04 4.1782e+03

1.0557e-04 4.0203e+03

8.7015e-05 4.1431e+03

7.1723e-05 4.2009e+03

5.9118e-05 4.1233e+03

4.8728e-05 4.1966e+03

4.0165e-05 4.1695e+03

**Zone 15**

**TAU (S) MAGNITUDES**

----------

1.4259e-02 1.8474e+03

1.1753e-02 2.0635e+03

9.6872e-03 2.0831e+03

7.9848e-03 2.0548e+03

6.5815e-03 2.2358e+03

5.4249e-03 2.2658e+03

4.4715e-03 2.4348e+03

3.6856e-03 2.6767e+03

3.0379e-03 2.6594e+03

2.5040e-03 2.9172e+03

2.0640e-03 3.0904e+03

1.7012e-03 3.1325e+03

1.4023e-03 3.3543e+03

1.1558e-03 3.4491e+03

9.5269e-04 3.4300e+03

7.8526e-04 3.5854e+03

6.4726e-04 3.6045e+03

5.3351e-04 3.6285e+03

4.3975e-04 3.7690e+03

3.6246e-04 3.7223e+03

2.9876e-04 3.8036e+03

2.4626e-04 3.8119e+03

2.0298e-04 3.9234e+03

1.6731e-04 3.7944e+03

1.3790e-04 4.0135e+03

1.1367e-04 3.9230e+03

9.3692e-05 3.8862e+03

7.7226e-05 3.9347e+03

6.3654e-05 3.9660e+03

5.2467e-05 3.8861e+03

4.3247e-05 3.9477e+03

3.5646e-05 3.9721e+03

**Zone 16**

**TAU (S) MAGNITUDES**

----------

1.3755e-02 1.8674e+03

1.1338e-02 1.9617e+03

9.3453e-03 1.8889e+03

7.7030e-03 2.0835e+03

6.3492e-03 2.1093e+03

5.2334e-03 2.1710e+03

4.3137e-03 2.2119e+03

3.5556e-03 2.4486e+03

2.9307e-03 2.6656e+03

2.4156e-03 2.8666e+03

1.9911e-03 2.7529e+03

1.6412e-03 2.9817e+03

1.3528e-03 3.1346e+03

1.1150e-03 3.1016e+03

9.1906e-04 3.2349e+03

7.5755e-04 3.2071e+03

6.2441e-04 3.4025e+03

5.1468e-04 3.4427e+03

4.2422e-04 3.4171e+03

3.4967e-04 3.5714e+03

2.8822e-04 3.4356e+03

2.3757e-04 3.6934e+03

1.9582e-04 3.5547e+03

1.6140e-04 3.5781e+03

1.3304e-04 3.7523e+03

1.0966e-04 3.6220e+03

9.0385e-05 3.6738e+03

7.4501e-05 3.6715e+03

6.1408e-05 3.7531e+03

5.0616e-05 3.6870e+03

4.1720e-05 3.6931e+03

3.4388e-05 3.7123e+03

**Zone 17**

**TAU (S) MAGNITUDES**

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1.2410e-02 1.7043e+03

1.0229e-02 1.7164e+03

8.4314e-03 1.7801e+03

6.9496e-03 1.8563e+03

5.7283e-03 1.9772e+03

4.7216e-03 2.1559e+03

3.8918e-03 2.2702e+03

3.2078e-03 2.2195e+03

2.6441e-03 2.4991e+03

2.1794e-03 2.3946e+03

1.7964e-03 2.6761e+03

1.4807e-03 2.8365e+03

1.2205e-03 2.8041e+03

1.0060e-03 3.0655e+03

8.2918e-04 3.0904e+03

6.8346e-04 3.1169e+03

5.6334e-04 3.0605e+03

4.6434e-04 3.2336e+03

3.8274e-04 3.3316e+03

3.1547e-04 3.3997e+03

2.6003e-04 3.3074e+03

2.1433e-04 3.4182e+03

1.7666e-04 3.4858e+03

1.4562e-04 3.4405e+03

1.2003e-04 3.4743e+03

9.8932e-05 3.3399e+03

8.1545e-05 3.4536e+03

6.7214e-05 3.4439e+03

5.5402e-05 3.4940e+03

4.5665e-05 3.5753e+03

3.7640e-05 3.5559e+03

3.1025e-05 3.5717e+03

**Zone 18**

**TAU (S) MAGNITUDES**

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9.1205e-03 1.7911e+03

7.5176e-03 1.7890e+03

6.1964e-03 1.8694e+03

5.1075e-03 1.8830e+03

4.2099e-03 1.9886e+03

3.4700e-03 2.1548e+03

2.8602e-03 2.1559e+03

2.3575e-03 2.2105e+03

1.9432e-03 2.4764e+03

1.6017e-03 2.4796e+03

1.3202e-03 2.6494e+03

1.0882e-03 2.7822e+03

8.9695e-04 2.7814e+03

7.3932e-04 2.8280e+03

6.0939e-04 2.8972e+03

5.0229e-04 3.0247e+03

4.1402e-04 3.0828e+03

3.4126e-04 3.0761e+03

2.8128e-04 3.1644e+03

2.3185e-04 3.0938e+03

1.9110e-04 3.1496e+03

1.5752e-04 3.2351e+03

1.2984e-04 3.2257e+03

1.0702e-04 3.2028e+03

8.8210e-05 3.1654e+03

7.2708e-05 3.2544e+03

5.9930e-05 3.2833e+03

4.9398e-05 3.2167e+03

4.0716e-05 3.1912e+03

3.3561e-05 3.2806e+03

2.7663e-05 3.4142e+03

2.2801e-05 3.2381e+03