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| **DM** | **Option** | **Choice** | **Description** |
| **Turkey (T)** | Escalate | **Y** | This includes an attack on Syria, massing the troops on the shared border with Syria |
|  |  | **N** | Do not escalate |
|  | Euphrates Cutoff/ Reduction | **Y** | This includes stopping or reducing the flow of the Euphrates to Syria and further to Iraq |
|  | **N** | Turkey will allow the river to flow |
| **Syria (S)** | Stop PKK Support | **Y** | This includes banning of the PKK in Syria and the extradition of PKK leader to Turkey |
|  |  | **N** | Syria continues to support PKK rebels |
|  | Escalate | **Y** | This includes attacks on Turkey and its development projects |
|  |  | **N** | Not escalating the situation |
| **Iraq (I)** | Escalate | **Y** | Iraq will join Syria against Turkey |
|  |  | **N** | Iraq will accept the situation and do nothing |

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| **DM** | **Option** | | | | | | | | | | | | | | | | | | | | | | |
| **T** | Escalate | N | Y | N | Y | N | Y | N | Y | N | | Y | | N | Y | N | Y | N | Y | N | Y | N | Y |
|  | Cut Euphrates | N | N | Y | Y | N | N | Y | Y | N | | N | | Y | Y | Y | Y | Y | Y | N | N | Y | Y |
| **S** | Ban PKK | N | N | N | N | Y | Y | Y | Y | N | | N | | N | N | N | N | Y | Y | N | N | N | N |
|  | Escalate | N | N | N | N | N | N | N | N | Y | | Y | | Y | Y | N | N | N | N | Y | Y | Y | Y |
| **I** | Escalate | N | N | N | N | N | N | N | N | N | | N | | N | N | Y | Y | Y | Y | Y | Y | Y | Y |
| Label | | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | | **9** | | **10 11 12 13 14 15 16 17 18 19 20** | | | | | | | | | | |

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| **DM** | **P#** | **Preference Information**  **(From most to least important)** | **Explanation** |
| **T** | **1** | Syria stops its support for PKK, and reduce the flow of the Euphrates to continue its development projects |  |
|  | **2** | Release the flow of the Euphrates if and only if Syria stops its support for PKK | Turkey does not want to escalate the situation with Syria if the latter banned the PKK |
|  | **3** | Stop the flow of the Euphrates and escalate the situation against Syria if the latter continues to support PKK and harbor its leader | Turkey’s least preferred situation is to go to war. The even worse situation is if both Syria and Iraq escalate at the same time |
| **S** | **1** | Syria continues to support the PKK and Turkey allows the Euphrates to flow |  |
|  | **2** | Both Syria and Iraq escalate if Turkey stops the flow or attacks |  |
|  | **3** | Stop supporting PKK if and only if Turkey allows the Euphrates to flow and Iraq does not join in escalating |  |
| **I** | **1** | Turkey allows the Euphrates to flow |  |
|  | **2** | Escalate if Turkey stops the flow |  |

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| **DM** | **States** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| **T** | 7 | 8 | 5 | 6 | 3 | | 4 | | 1 | | 2 | | 11 | | 12 | | 15 | | 9 | 10 | | 16 | | 13 | 14 | | 17 | 19 | 20 | 18 |
| **S** | 1 | 9 | 17 | 5 | 19 | | 20 | | 10 | | 18 | | 2 | | 3 | | 11 | | 13 | 4 | | 14 | | 12 | 6 | | 15 | 16 | 8 | 7 |
| **I** | 1 | 2 | 6 | 5 | 10 | | 9 | | 19 | | 20 | | 15 | | 16 | | 14 | | 13 | 18 | | 17 | | 4 | 7 | | 8 | 11 | 12 | 3 |
|  | *Most Preferred* | | | | |  | |  | |  | |  | |  | |  | |  | | |  | |  | | | *Least Preferred* | | | | | |

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| Solution Concepts | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** |
| R (Nash) |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| GMR | **✓** | **✓** |  |  | **✓** |  |  |  | **✓** | **✓** |  |  | **✓** | **✓** |  |  | **✓** |  |  |  |
| SMR | **✓** | **✓** |  |  | **✓** |  |  |  | **✓** | **✓** |  |  |  |  |  |  |  |  |  |  |
| SEQ | **✓** |  |  |  | **✓** |  |  |  | **✓** |  |  |  | **✓** | **✓** |  |  | **✓** |  |  |  |

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| **DM** | **Option** | Status Quo  **The conflict lasted only 3 weeks** | | | |  |  | | |  | |  |  | |  | |  | | Final Equilibrium | | |
| **T** | Escalate | **N** |  |  | **N** | | |  |  | | **N** | | |  | | **N** | |  | | **N** |  | |
|  | Reduce Euphrates | **N** |  |  | **Y** | | |  |  | | **Y** | | |  | | **N** | |  | | **N** |  | |
| **S** | Ban PKK | **N** |  |  | **N** | | |  |  | | **N** | | |  | | **N** | |  | | **N** |  | |
|  | Escalate | **N** |  |  | **N** | | |  |  | | **Y** | | |  | | **Y** | |  | | **N** |  | |
| **I** | Escalate | **N** |  |  | **N** | | |  |  | | **Y** | | |  | | **Y** | |  | | **N** |  | |
| Label |  | **1** |  |  | **3** | | |  |  | | **19** | | |  | | **17** | |  | | **1** |  | |