

WMAP Cosmological Parameters

Model: wcdm

Data: wmap9+spt+act+h0

$10^9 \Delta_{\mathcal{R}}^2$	$2.431^{+0.085}_{-0.084}$	H_0	$73.6^{+2.4}_{-2.3}$ km/s/Mpc
$A_{\text{clustered}}$	< 10 (95% CL)	$A_{\text{Poisson}}^{\text{ACT}}$	14.7 ± 2.4
$A_{\text{Poisson}}^{\text{SPT}}$	> 17 (95% CL)	$\ell(\ell+1)C_{220}/(2\pi)$	$5748 \pm 32 \mu\text{K}^2$
$d_A(z_{\text{eq}})$	14232^{+86}_{-87} Mpc	$d_A(z_*)$	14067^{+87}_{-89} Mpc
$D_v(z=0.57)/r_s(z_d)$	13.03 ± 0.20	η	$(6.10 \pm 0.10) \times 10^{-10}$
k_{eq}	0.00985 ± 0.00025	ℓ_{eq}	138.6 ± 2.7
ℓ_*	302.04 ± 0.42	n_b	$(2.504 \pm 0.042) \times 10^{-7} \text{ cm}^{-3}$
n_s	$0.9644^{+0.0099}_{-0.0101}$	Ω_b	$0.0413^{+0.0027}_{-0.0028}$
$\Omega_b h^2$	0.02229 ± 0.00037	Ω_c	0.209 ± 0.015
$\Omega_c h^2$	0.1127 ± 0.0035	Ω_Λ	0.750 ± 0.017
Ω_m	0.250 ± 0.017	$\Omega_m h^2$	0.1350 ± 0.0034
$r_s(z_d)$	$152.97^{+0.97}_{-0.95}$ Mpc	$r_s(z_d)/D_v(z=0.106)$	0.3620 ± 0.0098
$r_s(z_d)/D_v(z=0.2)$	0.1961 ± 0.0045	$r_s(z_d)/D_v(z=0.35)$	0.1167 ± 0.0022
$r_s(z_d)/D_v(z=0.44)$	0.0954 ± 0.0016	$r_s(z_d)/D_v(z=0.54)$	$0.0802^{+0.0012}_{-0.0013}$
$r_s(z_d)/D_v(z=0.57)$	0.0767 ± 0.0012	$r_s(z_d)/D_v(z=0.6)$	0.0736 ± 0.0011
$r_s(z_d)/D_v(z=0.73)$	0.06321 ± 0.00086	$r_s(z_*)$	146.31 ± 0.89
R	1.724 ± 0.012	σ_8	$0.838^{+0.036}_{-0.035}$
$\sigma_8 \Omega_m^{0.5}$	$0.419^{+0.019}_{-0.020}$	$\sigma_8 \Omega_m^{0.6}$	$0.364^{+0.018}_{-0.019}$
A_{SZ}	< 1.1 (95% CL)	t_0	13.684 ± 0.071 Gyr
τ	0.084 ± 0.013	θ_*	0.010401 ± 0.000014
θ_*	$0.59595 \pm 0.00083^\circ$	τ_{rec}	$284.6^{+1.8}_{-1.9}$
t_{reion}	475^{+66}_{-67} Myr	t_*	377363^{+3193}_{-3224} yr
w	$-1.092^{+0.083}_{-0.084}$	z_d	$1019.81^{+0.83}_{-0.82}$
z_{eq}	3231^{+82}_{-81}	z_{rec}	$1088.44^{+0.68}_{-0.69}$
z_{reion}	10.3 ± 1.1	z_*	1091.33 ± 0.66